

1. Management & Organization

1.1 IFM-GEOMAR Overview

The Leibniz Institute of Marine Sciences at the University Kiel (IFM-GEOMAR) was founded January 1, 2004 through a merger of the former Institute for Marine Research (IfM) and the GEOMAR Research Centre for Marine Geosciences.

The mission of IFM-GEOMAR is **to investigate the physical, chemical, biological, and geological processes in the ocean and their interaction with the seafloor and the atmosphere.**

The main research topics are grouped in four areas: Ocean Circulation and Climate Dynamics, Marine Biogeochemistry, Marine Ecology, and Dynamics of the Ocean Floor. In addition, there are two major interdisciplinary Collaborative Research Centres (SFBs) funded by the German Science Foundation (DFG).

The institute is an independent foundation under public law, supervised by a "Board of Governors" which consists of representatives of State and Federal Governments, the University of Kiel, a representative from another research institution, a representative from private industry and the chairman of the institute's Scientific Advisory Board (SAB). The SAB of IFM-GEOMAR is an internationally constituted advisory group with leading scientists representing all major research disciplines found at the institute. An overview of the organizational structure of the institute is shown in Figure 1 (page 4). By the end of 2007, IFM-GEOMAR had about 464 employees, including 271 scientists and 193 service and technical staff. About 175 scientists and 37 service and technical staff were funded through research grants.

The Leibniz Institute of Marine Sciences is associated with the University of Kiel and contributes substantially to undergraduate and graduate teaching in the following fields: oceanography, meteorology, biological oceanography, fishery biology, marine chemistry, marine geology, geophysics, mineralogy and igneous petrology/geochemistry.

The involvement of diploma and Ph.D. students in research projects is an important element of IFM-GEOMAR research. The total number of students at IFM-GEOMAR is currently about 300. Through training of students and young scientists from foreign countries, the institute has contributed significantly to the development of infrastructures for marine science in many regions of the world. Several international study programmes have been implemented in recent years.

Much of the institute's research work contributes to international research efforts such as the World Climate Research Programme (WCRP), the International Geosphere-Biosphere Programme (IGBP) or the Integrated Ocean Drilling Programme (IODP). Emphasis is on a better understanding of the ocean's past and present role for climate variations and air-sea interactions, the role of biogeochemical transport and transformations in global change, the response and sensitivity of marine ecosystems to external forcing, gas hydrate research and risk assessment of natural hazards due to plate tectonics.

IFM-GEOMAR scientists have a long tradition of participating in national and international planning and management of large-scale interdisciplinary research programs. This includes programmes such as CLIVAR (Climate Variability and Predictability), BALTEX (Baltic Sea Experiment), SOLAS (Surface Ocean Lower Atmosphere), GLOBEC (Global Ocean Ecosystems Dynamics), IODP, Interridge, and others.

The scientific work of IFM-GEOMAR could not have been maintained without funding of peer-reviewed proposals through the German Science Foundation (DFG), the Federal Ministry of Education and Research (BMBF), the directorates of the European Union (EU) as well as other funding agencies. We would like to express our gratitude to all of those who have supported our research during the past years.

Highlights in this context are the two Collaborative Research Centres (Sonderforschungsbereiche) in which IFM-GEOMAR plays a leading role. Since 1996, DFG has supported SFB 460 on "Dynamics of Thermohaline Circulation Variability". This SFB ended in 2006. SFB 574 on "Fluids and Volatiles in Subduction Zones" that started in 2000, was implemented within the groups of the former GEOMAR and investigates the "subduction factory" and its role for climate feedbacks and natural disasters.

In 2006, IFM-GEOMAR together with six faculties of the University of Kiel, the Institute for the World Economics and the Muthesius School of Arts received funding in the order of 36 Mio. Euros for an excellence cluster "Future Ocean". IFM-GEOMAR will establish four new junior research groups within the cluster and contributes substantially to a number of projects of the cluster.

The results of the institute's research work are generally made available through a wide range of publications. The main emphasis is on peer-reviewed international journals. Increasingly, dissemination of information in electronic form through the internet portal of IFM-GEOMAR (www.ifm-geomar.de) is used.

In particular in the field of technology development, IFM-GEOMAR cooperates with a number of small and medium-sized enterprises that are active in marine technology and science and are partly founded by former staff members of the institute.

The Leibniz Institute of Marine Sciences is a member of the Leibniz Association (Wissenschaftsgemeinschaft Gottfried Wilhelm Leibniz (WGL)) and the Konsortium Deutsche Meeresforschung (KDM).

1.2 Organizational Structure (31.12.2007)

1. Directorate

The directorate of IFM-GEOMAR consists of the director (chair) and the leaders of the research divisions. Current members of the directorate are:

- **Prof. Dr. P.M. Herzig (Director)**
- Prof. Dr. M. Latif (RD1)
- Prof. Dr. D.W.R. Wallace (RD2)
- Prof. Dr. U. Sommer (RD3)
- Prof. Dr. J.H. Behrmann (RD4)

2. Board of Governors

- **Jost de Jager, Secretary of State, Ministry for Science, Economy and Transportation of the State of Schleswig-Holstein, Kiel (Chair)**
- MinR. R. Ollig, Federal Ministry for Education and Research, Bonn
- Prof. Dr. T. Bauer, Rector, Christian-Albrechts-University, Kiel
- Prof. Dr. J. Grotemeyer, Dean of the Faculty for Mathematics and Natural Sciences, Christian-Albrechts-University, Kiel
- Prof. Dr. H. Graßl, Chair, Scientific Advisory Board, Max-Planck-Institute for Meteorology, Hamburg
- Prof. Dr. J. Thiede, Director, Alfred-Wegener-Institute for Polar and Marine Research, Bremerhaven
- Dipl.-Ing. D. Lindenau, Managing director, Lindenau GmbH, Shipyards and Engineering Works, Kiel

Guests with consulting status:

- Dr. I. Hennings, Representative of the Scientific Staff (staff council)
- Mrs. B. Domeyer, Representative of the Non-scientific Staff (staff council)
- Mrs. B. Schmidt, Representative for Equal Rights
- Dr. B. Roß, Representative of the Ministry for Trade, Commerce, and Transportation of the State of Schleswig-Holstein
- Prof. Dr. P.M. Herzig, Director of IFM-GEOMAR
- Prof. Dr. D.W.R. Wallace, Deputy Director of IFM-GEOMAR
- Prof. Dr. K. Hoernle, Deputy Director of IFM-GEOMAR
- Prof. Dr. U. Riebesell, Chair, Scientific Council

Other guests:

- Mr. J. Biel, Managing Director, IHK Kiel
- N.N., Administrative Chief Officer, IFM-GEOMAR
- Dr. N. Schmidt, Science Coordinator, IFM-GEOMAR
- Dr. A. Villwock, Public Relations and Central Affairs, IFM-GEOMAR

3. Scientific Advisory Board

- Prof. Dr. D.L.T. Anderson, European Centre for Medium-Range, Weather Forecasts, Berkshire, UK
- Prof. Dr. E.A. Boyle, Department of Geology and Geophysics, Mass. Institute of Technology, Cambridge, USA
- **Prof. Dr. H. Graßl (Chair), Max-Planck-Institute for Meteorology, Hamburg**
- Prof. Dr. R. Hékinian, IFREMER, Brest, France
- Prof. Dr. N.G. Hogg, WHOI Woods Hole Oceanographic Institution, Physical Oceanography Woods Hole, MA, USA
- Prof. Dr. A.C. Mix, College of Oceanic & Atmospheric Sciences, Oregon State University, Corvallis, USA
- Prof. Dr. Y. Olsen, Norwegian University of Sciences and Technology, Institute of Biology, Trondheim, Norway
- Prof. Dr. J.A. Pearce, Department of Earth Science, Marine Geology and Geochemistry, Cardiff University, UK
- Prof. Dr. K. Richardson, University of Aarhus, Denmark
- Prof. Dr. D. Turner, Chalmers tekniska högskola, Göteborg, Sweden
- Prof. Dr. A. Watts, Department of Earth Sciences University of Oxford, UK
- Prof. Dr. D.H. Welte, Gesellschaft für Integrierte Explorationssysteme mbH, Jülich

4. Scientific Council

Members (Member / Deputy Member):
Prof. Dr. U. Riebesell (Chair), Prof. Dr. E. Flüh (Deputy Chair).

a. Professors:

- W.-C. Dullo / M. Frank
- A. Macke / M. Latif
- M. Visbeck / N.N.
- C. Böning / N.N.
- A. Eisenhauer / K. Wallmann
- A. Körtzinger / D. Wallace
- U. Riebesell / N.N.
- A. Oschlies / D. Wallace
- J. Imhoff / D. Schnack
- M. Wahl / U. Sommer
- K. Hoernle / C. Devey
- J. Behrmann / N.N.

b. Assistant Professors and Scientists with "Habilitation":

- FB1 D. Dommenget / N.N.
- FB2 J. LaRoche / H. Bange
- FB3 R. Hanel / H.-G. Hoppe
- FB4 E. Flüh / A. Freundt

c. Scientific staff:

- FB1: T. Martin / J. Karstensen
- FB2: N.N. / N.N.
- FB3: U. Piatkowski / N.N.
- FB4: D. Klaeschen / F. Hauff

Last update:
31.12.2007



IFM-GEOMAR
Leibniz-Institut für Meereswissenschaften
an der Universität Kiel

Scientific Advisory Board
Chair: Prof. Dr. Hartmut Gatzki

Board of Governors (Stiftungsrat)
Chair: Jost de Jager
Ministry of Science, Economy, and
Transportation of the State of Schleswig-Holstein

Directorate
Prof. Dr. Peter M. Herzig (Director)
(Ext.: 2800)
1. Vice Director:
Prof. Dr. Colin W. Dewey (Ext.: 2257)
2. Vice Dir.: Prof. Dr. Martin Visbeck (Ext.: 4100)
Administrative Chief Officer: N.N. (Ext.:)
+ chairs of research divisions

Central Affairs & Public Relations
Dr. Andreas Vilweck (Ext.: 2802)

Science Coordination
Dr. Nicole Schmidt (Ext.: 2803)

Internal Scientific Council
Prof. Dr. Ulf Riebesell
(Ext.: 4930)

Staff Council
Chair: Peter Wehrhahn
(Ext.: 1524 & 1549)
Ombudsman
Prof. Dr. Welf-Christen Dulio
(Ext.: 2215)
Safety Adviser
Dietmar Schirmer (Ext.: 2750)

Ocean Circulation and Climate Dynamics
Prof. Dr. Mogib Latif
(Ext.: 4050)

Paleo-Oceanography
Prof. Dr. W.-Chr. Dullo (Ext.: 2215)
Chemical Paleo-Oceanography
Prof. Dr. M. Frank (Ext.: 2218)

Physical Oceanography
Large-scale Circulation
Processes and Observing Systems
Prof. Dr. P. Brandt (Ext.: 4105)

Theory and Modelling
Ocean Modelling
Theoretical Oceanography
Prof. Dr. C. Böning (Ext.: 4033)
Prof. Dr. R. Stedmon (Ext.: 4000)

Marine Meteorology
Climate Modelling
Energy and Water Cycle
Prof. Dr. A. Macke (Ext.: 4057)
Ocean-Atmosphere Interactions
Prof. Dr. D. Dommenig (Ext.: 4056)
Ocean-Mid Atmosphere
Interactions
Prof. Dr. K. Rügner (Ext.: 4062)

Marine Biogeochemistry
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(Ext.: 4200)

Marine Geosystems
Marine Geosystems
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Isotope Geochemistry
Prof. Dr. A. Eisenhauer (Ext.: 2282)

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Chemical Oceanography
Marine Carbon Cycle
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Prof. Dr. A. Körtzinger (Ext.: 4205)

Biological Oceanography
Phytoplankton
N.N. (Ext.:)
Biogeochemical Processes
Prof. Dr. U. Riebesell (Ext.: 4581)
Molecular Ecology
Prof. Dr. J. Le Rocher (Ext.: 4212)

Biogeochemical Modelling
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Marine Ecology
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Experimental Ecology
Food Webs
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Zooplankton Ecology
Prof. Dr. F. Sommer (Ext.: 4404)
Benthos Ecology
Prof. Dr. M. Wahl (Ext.: 4577)

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Fishery Ecology
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Marine Tectonics
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Volcanic and hydrothermalism
Prof. Dr. C. W. Dewey (Ext.: 2257)
Petrology and Geochemistry
Prof. Dr. K. Hoernle (Ext.: 2642)

Sonderforschungsbereich SFB 574: Volatiles and Fluids in Subduction Zones
Chair: Prof. Dr. Kai Hoernle (Ext.: 2642)

Excellence Cluster "Future Ocean"
Chair: Prof. Dr. Martin Visbeck (Ext.: 4100)

Administration
N.N. (Ext.:)

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G. Schwiek (Ext.: 2526)
Finances
U. Frank-Scholz (Ext.: 1594)
Personnel
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Internal Services
H. Vogt (Ext.: 1522)
Purchase
J. Taulitz (Ext.: 2525)

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Dr. O. Frankquarte (ext. head)
(Ext.: 2113)
U. Lenz (tech. head) (Ext.: 1600)
Technical Services
F. Holz (Ext.: 2700)
Aquarium
Dr. U. Waller (Ext.: 1630)
Library
B. Schmidt (Ext.: 1529)
A. Finke, H. Dipow (Ext.: 2505)

Computing Centre
Dr. A. Lehmann (Ext.: 1586)
Dr. W. Weirauch (Ext.: 2281)
Sample Repository
Dr. W. Bockermann (Ext.: 2619)
Research Vessels
Dr. T. J. Müller (Ext.: 4161)
Dr. K. W. Bröckel (Ext.: 4259)

2. Human Resources

Table 2.1

**Employment positions acc. to sources of support and pay/
remuneration grade¹⁾**

**- Personnel (financed by institutional and third-party resources) in
terms of full-time equivalents as of [reporting date 31.12.2007] -**

	Total number ^{2), 3)}	Number financed by	
		institutional resources ²⁾	third-party resources ²⁾
Total	381,0	230,7	150,3
1. Academic and higher management staff	168,7	92,0	76,7
- W2 .. W3, C3 .. C4, SDV	20,0	20,0	0,0
- W1, C1 .. C2	7,0	7,0	0,0
- I / A16 / E15Ü	1,2	1,0	0,2
- Ia / A15 / E15	6,0	4,0	2,0
- Ib / A14 / E14	39,5	36,5	3,0
- IIa / III ⁴⁾ / A13 / E13..E13Ü	95,0	23,5	71,5
2. Doctoral candidates	40,9	1,0	39,9
3. Other staff	171,4	137,7	33,7
- IV..III/A10..A12/E10..E12	30,1	21,9	8,2
- V / A8 .. A9 / E8 .. E9	79,7	67,2	12,5
- VI / A7 / E7	5,0	4,0	1,0
- VIII..VII / A5..A6 / E5..E6	33,4	28,9	4,5
- Wage brackets, other staff	18,2	10,7	7,5
- Trainees	5,0	5,0	0,0

¹⁾ Employment positions acc. to BAT or other collective pay agreements for staff which is financed by institutional or third-party resources (incl. trainees and guest scientists, but excluding diploma students, student assistants und contracts for work and services)

²⁾ In full time equivalents; correct to one decimal place only

³⁾ Values in column 2 („Total number“) for „Total“, „1. Academic and management staff“, „2. Doctoral candidates“ und „3. Other staff“ correspond to the respective values in Table 4.2

⁴⁾ Employment acc. to BAT III until Diplom degree was conferred

Table 2.2

Employment positions acc. to organizational units

- Personnel (financed by institutional and third-party resources) in terms of full-time equivalents as of [reporting date 31.12.2007] -

Employment positions	Total	Academic and higher management staff ¹	Doctoral candidates²	Other staff, trainees
Entire establishment	381,0	168,7	40,9	171,4
Research Division 1	76,6	48,0	7,0	21,6
Research Division 2	81,5	41,3	15,0	25,3
Research Division 3	59,2	33,7	6,9	18,6
Research Division 4	53,3	32,5	11,0	9,8
Interdisciplinary Project Groups	0,0	0,0	0,0	0,0
Central Facilities (without administration)	69,9	13,3	1,0	55,7
Administration	40,5	0,0	0,0	40,5

¹⁾ Employment positions acc. to BAT IIa and above (not incl. doctoral candidates)

²⁾ Doctoral candidates if financed by institutional or third-party resources

Table 2.3

Personnel

- In persons (financed by institutional and third-party resources) acc. to pay/remuneration grade as of [reporting date 31.12.2007]

	Total number	Financed by third-party resources		Temporary contracts		Women		Women with temporary contracts	
		Number	% ¹⁾	Number	% ¹⁾	Number	% ¹⁾	Number	% ^{1),2)}
Total	464	212	45,7%	258	55,6%	198	42,7%	120	60,6%
1. Academic and higher management staff	188	94	50,0%	121	64,4%	53	28,2%	46	86,8%
- W2 .. W3, C3 .. C4, SDV	20	0	0,0%	2	10,0%	0	0,0%	0	
- W1, C1 .. C2	7	0	0,0%	7	100,0%	2	28,6%	2	100,0%
- I / A16 / E15Ü	2	1	50,0%	1	50,0%	0	0,0%	0	
- Ia / A15 / E15	6	2	33,3%	3	50,0%	2	33,3%	1	50,0%
- Ib / A14 / E14	40	3	7,5%	4	10,0%	4	10,0%	0	0,0%
- IIa / III ³⁾ / A13 / E13 .. E13Ü	113	88	77,9%	104	92,0%	45	39,8%	43	95,6%
2. Doctoral candidates	83	81	97,6%	83	100,0%	42	50,6%	42	100,0%
3. Other staff	193	37	19,2%	54	28,0%	103	53,4%	32	31,1%
- IV..III / A10..A12 / E10..E12	31	9	29,0%	9	29,0%	7	22,6%	4	57,1%
- V / A8 .. A9 / E8 .. E9	93	14	15,1%	18	19,4%	60	64,5%	14	23,3%
- VI / A7 / E7	5	1	20,0%	1	20,0%	0	0,0%	0	
- VIII .. VII / A5 .. A6 / E5 .. E6	38	5	13,2%	11	28,9%	26	68,4%	8	30,8%
- Wage groups, other staff	21	8	38,1%	10	47,6%	8	38,1%	4	50,0%
- Trainees	5	0	0,0%	5	100,0%	2	40,0%	2	100,0%

1) Correct to one decimal place only

2) Women with temporary contracts / number of women

3) One position paid acc. to BAT III until Diplom degree was conferred



Human Resources

3. Budgets & Projects

3.1 Budget Tables

Table 3.1: Revenues and expenditures				
(in € 1,000)				
	2007	2006	2005	2004
Revenues				
Total	49,610.2	46,874.0	44,585.3	41,826.1
1. Institutional support	28,198.6	30,746.0	28,078.7	26,614.3
- German "Länder"	15,632.4	14,731.8	14,217.7	14.626,3
- Federal Government	12,566.2	12,314.2	11,868.0	11.988,0
- Other institutional support	0.0	3,700.0	1,993.0	0,0
<i>Proportion of institutional support in overall financial resources (in %)</i>	56.8%	65.6%	63.0%	63.6%
2. Third-party resources	21,411.6	16,128.0	16,506.6	15,211.8
2.1 Research support	16,821.7	13,824.0	14,549.1	14,223.9
- DFG (German Research Foundation)	6,409.0	2,952.0	2,367.2	3.527,0
- DFG-SFB 406 und 574	1,439.0	3,244.5	2,615.8	4.418,7
- Federal Government	5,539.4	4,599.5	5,228.3	4.174,1
- German "Länder"	1,499.1	1,307.3	840.6	193,4
- EU project funding	1,692.8	1,620.5	3,397.0	1.513,1
- Foundations. other research support	242.4	100.2	100.2	365,3
- Joint projects with the University of Kiel	0.0	0.0	0.0	32,3
2.2 Services, contracts, licences, publications	3,098.0	1,098.4	844.2	792.5
- Contracts from private enterprises or public authorities. co-operation with industry	3,098.0	1,098.4	844.2	792,5
- Patent exploitation. licences	0.0	0.0	0.0	0,0
- Publications	0.0	0.0	0.0	0,0
- Other services	0.0	0.0	0.0	0,0
2.3 Other third-party resources	1,491.9	1,205.6	1,113.3	195.4
- Aquarium	90.0	71.7	70.4	17,1
- Charter for submersibles	47.8	44.1	48.7	40,0
- Misc, income (interest. etc,)	0.7	1.1	0.3	3,0
- Rentals	1,350.5	1,036.1	991.0	133,5
- Charter for research vessels	0.0	51.4	0.0	0,0
- Sale of vehicles	0.0	0.0	2.9	1,7
- Other sales	2.9	1.2	0.0	0,1
<i>Proportion of third-party funding in overall financial resources (in %)</i>	43.2%	34.4%	37.0%	36.4%
3. Withdrawal from reserves and the like	0.0	0.0	0.0	0.0

Footnotes see next page.

Table 3.1: Revenues and expenditures (continued)

(in € 1,000)

	2007	2006	2005	2004
Expenditures	48,098.8	45,148.2	41,173.0	39,398.0
4.1 Personnel	19,903.1	18,291.7	17,715.6	17,077.0
4.2 Materials, supplies, equipment	18,062.9	16,321.3	17,151.1	14,842.0
4.3 Investments (not incl. building investments)	7,757.3	6,322.7	3,315.0	2,505.0
4.4 Building investments	934.5	968.0	375.5	523.0
4.5 Special Positions (where applicable)	0.0	0.0	0.0	0.0
4.6 Allocations to reserves and the like	0.0	0.0	0.0	0.0
4.7 DFG-SFB 460 and 574	1,439.0	3,244.5	2,615.8	4,418.7
4.8 Joint Projects with the University of Kiel	0.0	0.0	0.0	32.3
4.9 For information only: DFG charges	600.8	588.2	565.9	572.0

Table 3.2: Project Funding

(Revenues in € 1,000)

	2007	2006	2005	2004
Total	21,411.6	16,128.0	16,506.6	15,211.8
- DFG (German Research Foundation)	6,409.0	2,952.0	2,367.2	3,527.0
- DFG-SFB 460 und 574	1,439.0	3,244.5	2,615.8	4,418.7
- Federal Government	5,539.4	4,599.5	5,228.3	4,174.1
- German "Länder"	1,499.1	1,307.3	840.6	193.4
- EU project funding	1,692.8	1,620.5	3,397.0	1,513.1
- Foundations, other research support	242.4	100.2	100.2	365.3
- Joint projects with the University of Kiel	0.0	0.0	0.0	32.3
- Services, contracts, licences, publications	3,098.0	1,098.4	844.2	792.5
- Other third-party resources	1,491.9	1,205.6	1,113.3	195.4

Table 3.2: Project Funding (continued)				
- classified by organisational unit - (Revenues in € 1,000)				
	2007	2006	2005	2004
RD 1: Ocean Circulation and Climate Dynamics	3,769.9	2,937.7	3,948.9	6,812.1
- DFG (German Research Foundation)	1,687.9	621.3	749.1	968.6
- DFG-SFB	71.5	1,702.6	968.3	2,668.0
- Federal Government	1715.9	353.2	995.2	2702.5
- German "Länder"	0.0	0.0	0.0	41.3
- EU project funding	202.1	72.3	1,062.0	302.7
- Foundations, other research support	7.4	0.0	0.0	74.2
- Joint projects with the University of Kiel	0.0	0.0	0.0	0.0
- Services, contracts, licences, publications	85.1	188.3	174.3	54.8
- Other third-party resources	0.0	0.0	0.0	0.0
RD 2: Marine Biogeochemistry	4,027.3	3,270.0	3,337.7	2,326.2
- DFG (German Research Foundation)	1,648.1	529.7	610.3	637.4
- DFG-SFB	276.9	380.2	422.1	1,000.9
- Federal Government	1,756.1	1,127.9	1,039.4	304.8
- German "Länder"	0.0	29.8	0.0	0.0
- EU project funding	244.0	1,038.6	1,162.4	166.2
- Foundations, other research support	0.0	0.6	0.6	53.2
- Joint projects with the University of Kiel	0.0	0.0	0.0	0.0
- Services, contracts, licences, publications	102.2	163.2	102.9	163.7
- Other third-party resources	0.0	0.0	0.0	0.0
RD 3: Marine Ecology	3,754.7	2,628.5	3,121.1	2,447.9
- DFG (German Research Foundation)	555.6	217.0	359.1	369.0
- DFG-SFB 460 und 574	0.0	0.0	0.0	0.0
- Federal Government	403.1	773.1	596.0	768.4
- German "Länder"	1,479.0	1,204.0	834.7	141.4
- EU project funding	836.3	99.5	931.0	581.1
- Foundations, other research support	236.6	99.6	99.6	237.9
- Joint projects with the University of Kiel	0.0	0.0	0.0	32.3
- Services, contracts, licences, publications	244.1	235.3	300.7	317.8
- Other third-party resources	0.0	0.0	0.0	0.0
RD 4: Dynamics of the Ocean Floor	5,501.0	5,570.3	4,776.7	3,227.6
- DFG (German Research Foundation)	2,306.4	1,385.4	541.2	1,383.9
- DFG-SFB 460 und 574	1,090.6	1,161.7	1,225.4	749.8
- Federal Government	1,362.8	2,218.6	2,549.7	373.5
- German "Länder"	20.1	73.5	0.0	0.0
- EU project funding	410.4	410.1	241.6	463.1
- Foundations, other research support	-1.6	0.0	0.0	0.0
- Joint projects with the University of Kiel	0.0	0.0	0.0	0.0
- Services, contracts, licences, publications	312.3	321.0	218.8	257.3
- Other third-party resources	0.0	0.0	0.0	0.0

Table 3.2: Project Funding (continued)

- classified by organisational unit -
(Revenues in € 1,000)

	2007	2006	2005	2004
Central Facilities	4,358.7	1,721.5	1,322.2	398.0
- DFG (German Research Foundation)	211.0	198.6	107.5	168.1
- DFG-SFB 460 und 574	0,0	0.0	0.0	0.0
- Federal Government	301.5	126.7	48.0	24.9
- German "Länder"	0.0	0.0	5.9	10.7
- EU project funding	0.0	0.0	0.0	0.0
- Foundations, other research support	0.0	0.0	0.0	0.0
- Joint projects with the University of Kiel	0.0	0.0	0.0	0.0
- Services, contracts, licences, publications	2,354.3	190.6	47.5	-1.1
- Other third-party resources	1,491.9	1,205.6	1,113.3	195.4

Research Division 1: Ocean Circulation and Climate Dynamics

3.2 Projects

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
1	446TAI 113/33/0-1, DFG Gastforscher	Vereinbarung über wissenschaftliche Zusammenarbeit zwischen der Deutschen Forschungsgemeinschaft und dem National Science Council (NSC). Kooperationsprojekt: "Scale Interactions in a Coupled Climate "Model"	DFG	Dr. Keenlyside	01.01.2006 - 31.12.2007	2.080,00
2	Ba 1367/6 -1+2, LIONS	Last Interglacial Ocean of the Nordic Seas	DFG	Dr. Bauch	01.01.2005 - 31.07.2007	128.900,00
3	Ba 1367/6-3, LIONS 2	Laste Interglacial Ocean of the Nordic Sea	DFG	Dr. Bauch	01.05.2006 - 31.10.2007	104.017,00
4	Ba 1367/6-4 LIONS 3	Last Interglacial Ocean of the Nordic Seas	DFG	Dr. Bauch	01.08.2007 - 31.07.2008	42.230,00
5	BA 1367/8-1, PAINTER	Past Interglacial Temperature Regimes (PAINTER): Marine isotope 11 in the NE-Atlantic sector	DFG	Dr. Bauch	01.11.2006 - 31.10.2008	148.100,00
6	Bo 907/2-2	Numerische Ozeanmodellierung zur Untersuchung der Rolle des Agulhasystems für die Dynamik niederfrequenter Schwankungen der großräumigen Strömungen im Atlantik	DFG	Dr. Zenk	01.01.2006 - 30.04.2008	124.350,00
7	BO 907/3-1	Combined Ocean-Geodetic Analysis of Global and Regional Ocean Mass-, and Freshwater Transport Divergences	DFG	Prof. Böning	01.10.2006 - 30.09.2008	72.000,00
8	Cluster Visbeck 1067/09	Cluster Visbeck	DFG	Prof. Visbeck	01.01.2007 - 31.12.2007	8.578,40
9	CTD 1067/04.8	CTD	DFG	Prof. Visbeck	01.05.2007 - 31.12.2008	45.000,00
10	CTD 1067/04.8	CTD	DFG	Prof. Visbeck	01.05.2007 - 31.12.2008	129.200,00
11	De 1369/1-1, DFG- Nachwuchsgruppe	Antrag im Rahmen des Emmy Noether-Programms: Diapyknische Vermischungsprozesse in den Auftriebsgebieten des tropischen Atlantiks.	DFG	Dr. Dengler	01.01.2006 - 31.12.2010	774.470,00
12	DE 1369/3-1, MUMP	Prozessstudie zum Auftrieb vor Mauritien Mittel für FS Poseidon Reise P347	DFG	Dr. Dengler	01.12.2006 - 30.11.2007	19.629,00
13	DEAR X 1067/10	DEAR X	DFG	Prof. Visbeck	01.05.2007 - 31.12.2008	18.000,00
14	DO 1038/2-1, Wechselwirkung tropischer Ozeane	Wechselwirkung des tropischen Indischen Ozeans und des tropischen Atlantischen Ozeans mit ENSO	DFG	Prof. Dommenget	30.01.2007 - 28.02.2010	92.730,00
15	Du 129/33-1, Leibniz Preis Dullo	Leibniz Preis	DFG	Prof. Dullo	30.06.2002 - 20.01.2010	1.550.000,00
16	DU 129/34-2, Moundforce 2	Forcing of carbonate mounds and deep water coral reefs along the NW European continental margin	DFG	Prof. Dullo	01.06.2005 - 31.03.2007	70.050,00
17	Du 129/37-2, TRISTAN	Temperatur-Rekonstruktion aus der Isotopen-Signatur von Tiefwasserkorallen des Atlantik und der Nordsee	DFG	Prof. Dullo	01.07.2005 - 30.06.2007	141.600,00

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
18	DU 129/41-1 CHECREEF	The last deglacial sea-level and climatic changes. Coral Reef records in the south Pacific: Tahiti (French Polynesia) - IOPD-Expedition #310-, Australian Great Barrier Reef - IODP Proposal #519: Potential of diagenetically altered corals for subseasonal regimes	DFG	Prof. Dullo	01.10.2007 - 30.09.2010	114.000,00
19	DU 129/45-1, Isolde	Isotope Signature of calcareous Organisms from upper and lower carbonate mound sediments	DFG	Prof. Dullo	01.08.2007 - 31.07.2009	92.470,00
20	ED 159/2-1, ACC- EDDIES	Wirbelgetriebene Transporte im Antarktischen Zirkumpolarstrom	DFG	Dr. Eden	01.08.2006 - 31.07.2008	65.700,00
21	Equatorial Atlantic circulation, qAusw. M62/2	Shallow and Intermediate circulation in the equatorial Atlantic	DFG	Dr. Fischer	01.01.2007 - 31.12.2008	63.000,00
22	Fi 871/2-1	Variability of the near bottom hydrography, currents and mixing processes in the Logatchev-Field	DFG	Dr. Fischer	01.11.2007 - 31.10.2009	183.180,00
23	FR 1198/2-1, Weathering and water mass mixing	Tracing continental weathering and water mass mixing in the Atlantic sector of the Southern Ocean with neodymium and hafnium isotopes	DFG	Prof. Frank	01.08.2007 - 31.07.2009	79.800,00
24	FR 1198/3-1, Pliocene Benguela Upwelling	Mid-Pliocene upwelling and nutrient (Si,N) conditions in the Benguela upwelling system and their relationship to the Southern Ocean paleoceanography	DFG	Prof. Frank	01.08.2007 - 31.07.2008	11.270,00
25	FR 1198/4-1, MOW	Variability of the Mediterranean Outflow glacial-interglacial and millennial time scales	DFG	Prof. Frank	01.08.2007 - 31.07.2010	132.700,00
26	Greenhouse World 0725CP	Changing habitats of calcareous plankton in the Greenhouse World -Clusterproposal 2007/1	DFG	Dr. Schönfeld	01.09.2007 - 31.08.2009	92.300,00
27	KE 1471/3-1, Zusammenarbeit Taiwan	Zusammenarbeit mit Taiwan. Förderung der Gastaufenthalte von Pei-Hsuan Kuo und Lan Yung-Yao, National Chung Hsing University, Taichung, Taiwan	DFG	Dr. Keenlyside	01.08.2007 - 30.09.2007	2.406,40
28	KR 3488/1-1 Ocean Mixing observed	Ocean Mixed observed with Seismic Oceanography and Hydrographic Measurements	DFG	Dr. Krahnemann	01.03.2007 - 28.02.2010	131.884,00
29	Ma 2225/3-2	Forschergruppe "Saharan Mineral Dust Experiment SAMUM" für das TP3 "Modeling and observation of Sahara Dust transport, modification and radiative impact"	DFG	Prof. Macke	01.03.2007 - 28.02.2010	89.700,00
30	MINIPROPOSAL Lichtfluktuationen 05.1	Miniproposal Lichtfluktuationen 05.1	DFG	Prof. Macke	01.01.2007 - 31.12.2008	75.000,00
31	Nu 60/14-1, Indonesian Gateway	The late Miocene to Pliocene constriction of the Indonesian Gateway and its impact on ocean circulation and climate	DFG	Dr. Nürnberg	01.08.2006 - 31.07.2008	103.400,00
32	Nu 60/17-1 LOOP	LOOP Current variability - its relation to meridional overturning circulation and the impact of Mississippi discharge	DFG	Dr. Nürnberg	01.08.2007 - 31.07.2009	251.738,00
33	OTIS	OTIS	DFG	Prof. Visbeck	01.05.2007 - 31.12.2008	9.000,00

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
34	OTIS 1067/04.4	OTIS	DFG	Prof. Visbeck	01.05.2007 - 31.12.2008	78.250,00
35	RAID 01.3	Plattform 1:"Numerical Simulation and Data Management" hier Investitionen 7,5 RAID Plattenspeicher	DFG	Dr. Lehmann	01.11.2007 - 31.12.2007	25.000,00
36	RV ALKOR (4.01)	CLUSTER RV ALKOR	DFG	Dr. Karstensen	01.09.2007 - 31.12.2007	32.300,00
37	Scho 168/30-1, subtropisch-tropische Zelle	Zirkulation der flachen thermohalinen subtropisch-tropischen Zelle des Atlantiks	DFG	Prof. Schott	01.02.2004 - 31.12.2007	273.273,00
38	Scho 168/31-1, Pazifik	Variabilität und Klima-Effekte der tropisch-subtropischen Zirkulation des Pazifiks	DFG	Prof. Schott	01.02.2006 - 31.01.2008	132.198,00
39	Software D1067/01.4	Plattform 1, Investitionen für Software	DFG	Dr. Lehmann	01.12.2007 - 31.12.2007	30.000,00
40	SP 526/3-1, Arctic Freshwater	The impact of freshwater and brines from Arctic shelf regions on the transformation of water along the Arctic Ocean continental margin.	DFG	Dr. Spielhagen	01.09.2006 - 30.08.2008	90.000,00
41	Sp 526/4-1 HOVAG	HOLocene Variability in the Arctic Gateway	DFG	Dr. Spielhagen	01.08.2007 - 31.07.2009	164.733,00
42	VI 403/1-1	Combined Ocean-Geodetic Analysis of Global and Regional Ocean Mass-, and Freshwater Transport Divergences	DFG	Prof. Visbeck	01.10.2006 - 30.09.2008	71.000,00
43	VO 687/8-1, Spätkreidezeitl. Klimaschwankungen	Kurzzeitliche Klimaschwankungen während des Treibhausklimas der späten Kreide - Ursachen und Auswirkungen	DFG	Dr. Voigt	01.11.2006 - 31.10.2009	28.000,00
44	Watchdog System (4.04)	CLUSTER Watchdog systems for autonomous platforms	DFG	Dr. Fischer	01.09.2007 - 31.12.2007	39.040,00
45	We 4206/1-1 Seasonal transport dynamics	Seasonal Transport Dynamics along Siberian continental margins (TOPIC)	DFG	Dr. Wegener	01.05.2006 - 30.04.2008	135.681,00
46	WU 356/4-2	"Quantitative Niederschlagsvorhersage" Untervertrag mit der Uni Hohenheim	DFG	Prof. Macke	01.07.2006 - 31.03.2008	12.800,00
47	TP A6		DFG-SFB574	Schmidt, S.	01.01.2005 - 30.06.2008	86.400,00
48	TP B2	Fluid-, Sediment- und Methanumsatz an konvergenten Plattenrändern: Die Rolle der Schlammdiapire und Schlammvulkane	DFG-SFB574	Dr. Brückmann	01.01.2001 - 30.06.2008	283.462,00
49	03 CIE 003	CIESM-Beitrag 03-05: Internationale Kommission für die wissenschaftliche Erforschung des Mittelmeeres.	BMBF	Prof. Dullo	01.11.2003 - 31.12.2008	302.911,12
50	03F0367A, ARGO-TROPAT	Verbundprojekt: ARGO; Vorhaben: Untersuchungen zu Zirkulation und Wassermassen-Anomalien mit profilierenden Floats im tropischen Atlantik, ARGO-TROPAT	BMBF	Dr. Fischer	01.01.2004 - 31.12.2007	1.101.177,00

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
51	03F0443B, Nordatlantik AP1.1	NORDATLANTIK: Die Bedeutung des Süßwasserhaushaltes für die zukünftige Entwicklung der thermohal. Zirk., Die Rolle des äquat. Atlantiks als Schlüsselreg. für Klimaschwankungen im atl. Raum; Schwankungen der tiefen Randstromzirk. am Ausgang der Labradorsee	BMBF	Prof. Latif	01.08.2006 - 31.10.2009	180.620,00
52	03F0443B, Nordatlantik AP2.2	NORDATLANTIK: s.o.	BMBF	Prof. Visbeck	01.08.2006 - 31.10.2009	221.488,00
53	03F0443B, Nordatlantik AP3.2	NORDATLANTIK: s.o.	BMBF	Prof. Böning	01.08.2006 - 31.10.2009	244.740,00
54	03F0443B, Nordatlantik AP 1.2	NORDATLANTIK: s.o.	BMBF	PD Dr. Brandt	01.08.2006 - 31.10.2009	756.132,00
55	03G0639A - Verbundvorhaben Laptev See POLYNJA	Verbundprojekt: System Laptev See POLYNJA- Eurasische Schelfmeere im Umbruch - Ozeanische Fronten und Polynjasysteme in der Laptev See; Vorhaben: TP 1: Jahreszeitliche Abläufe und Koordination	BMBF	Dr. Kassens	01.04.2007 - 31.03.2010	2.321.798,00
56	KALMAR, Leitantrag	KALMAR - Kurile-Kamchatka an Aleuten Marginal Sea-Island Systems: Leitantrag: Kurilen Kamchatka Rekonstruktion der spätquartären Klima- und Umweltentwicklung	BMBF	Prof. Dullo	01.10.2006 - 30.09.2009	662.444,00
57	OSL III	Forschungsaufenthalt Gastwissenschaftler	BMBF	Dr. Kassens	01.03.2005 - 29.02.2008	74.016,00
58	PPP Portugal / D/06/12908	Metall-Isotope in Fe-Mn-Krusten aus dem Nordatlantik "Accoes Integradas Lusa-Alemas"	BMBF	Prof. Frank	01.01.2007 - 31.12.2008	1.920,00
59	RUS 06/004 IMPETUS	IMPETUS-Deutsch-Russisches Kompetenznetzwerk in der Meeresforschung. Internationale Zusammenarbeit in Bildung und Forschung mit Russland	BMBF	Dr. Kassens	15.04.2006 - 31.03.2009	218.906,00
60	RUS 06/017 POMOR	Internationale Zusammenarbeit in Bildung und Forschung mit Russland	BMBF	Dr. Kassens	01.01.2007 - 31.12.2009	344.998,00
61	WTZ Ukraine	Dynamik von ozeanischen großskaligen propagierenden Wirbeln Aufenthalte von Gaswissenschaftlern aus der Ukraine	BMBF	PD Dr. Brandt	01.03.2007 - 28.02.2008	3.070,00
62	Workshop "CarboNordic"	Starthilfe-Workshop im Sommer 2006 zur Vorbereitung des internationalen Praktikantenaustausches bzw. Schüleraustausches für naturwissenschaftliche Gacharbeiten	Soz. Ministerium	Dr. Dengg	01.06.2006 - 28.02.2007	4.636,00
63	037090 TENATSO TP Visbeck	Tropical Eastern North Atlantic Time-Series Observatory (Specific Support Action) Coordinator	EU	Prof. Visbeck	01.10.2006 - 30.09.2008	18.000,00
64	AMMA TP1	AMMA: African Monsoon Multidisciplinary Analysis	EU	Prof. Latif	01.01.2005 - 31.12.2009	125.700,00
65	AMMA TP2	AMMA: African Monsoon Multidisciplinary Analysis	EU	PD Dr. Brandt	01.01.2005 - 31.12.2009	132.300,00
66	CarboOcean TP 3, 511176-2	Marine carbon sources and sinks assessment	EU	Prof. Send	01.01.2005 - 31.12.2009	187.400,00
67	DYNAMITE GOCE 003903 TP 1	"Integrating and strengthening the European Research Area" Understanding the dynamics of the Coupled Climate System	EU	Prof. Latif	01.03.2005 - 28.02.2008	157.128,00

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
68	DYNAMITE GOCE 003903 TP 2	"Integrating and strengthening the European Research Area" Understanding the dynamics of the Coupled Climate System	EU	Dr. Eden	01.03.2005 - 28.02.2008	157.128,00
69	Ensembles	ENSEMBLE-based Predictions of Climate Changes and their Impacts	EU	Prof. Latif	01.09.2004 - 31.08.2009	403.074,00
70	IPY-Care	Climate of the Arctic and its Role for Europe (CARE) - a European component or the International Polar Year	EU	Dr. Spielhagen	01.01.2006 - 30.03.2007	20.000,00
71	SIP3-CT2003-502885, MERSEA WP3	Marine EnviRonment and Security for the European Area	EU	Prof. Send	01.04.2004 - 31.03.2008	512.142,00
72	Stipendium Henry-Edwards	Stipendium Henry-Edwards, Aneurin Betreuungszuschuss	AvH	Dr. Karstensen	01.11.2006 - 30.09.2007	240,00
73	Stipendium Henry-Edwards 2007	Forschungskostenzuschuss für Henry Edwards	AvH	Dr. Karstensen	01.01.2007 - 31.10.2007	7.200,00
74	32.5.8051.0058.0	NaT - Working Meeresforschung.	Robert Bosch Stfg.	Prof. Dullo	01.04.2003 - 31.03.2007	80.900,01
75	Frühwarnsysteme	Frühwarnsysteme für globale Klimaveränderungen und ihre historische Dokumentation in natürlichen Klimaarchiven. Hier: Sachmittelverwaltung aufgrund Kooperationsvereinbarung AWI, IFM-GEOMAR und Akademie d. W. Mainz	AdW	Dr. Spielhagen	01.06.2005 - 31.12.2007	82.324,23
76	European Weather NATO, Brüssel	Impact of the North Atlantic Thermohaline Circulation of Weather Zusammenarbeit mit Russland	Sonstige	Prof. Latif	01.08.2006 - 31.07.2007	14.500,00
77	IASI - Polarstern	Validation of MetOp-1 temperature and humidity profiles over the island of Sylt and over the Atlantic Ocean from ground and ship based microwave profiler and in-situ radiosonde measurements	Sonstige	Prof. Macke	01.01.2007 - 31.12.2007	20.000,00
78	INTAS 03-51-6682	Arctic Environments: The protected areas of the Lena Delta and New Siberian Islands - Past and Present Developments	Sonstige	Dr. Bauch	01.08.2006 - 31.03.2008	16.482,00
79	Ocean 2007	Werkvertrag Validation von CM.SAF Klimaparametern mittels Schiffsbeobachtungen (Ocean 2007)	Sonstige	Prof. Macke	01.08.2007 - 31.12.2007	24.000,00
80	POMOR Uni Mittel	POMOR Mittel der Uni HH, Bremen und Kiel	Sonstige	Dr. Kassens	01.01.2007 - 31.12.2009	35.000,00
81	PPP Finnland D/05/51654	Auftriebsdynamik in der Ostsee und der potentielle Einfluß von Auf- und Abtrieb auf das Ökosystem Ostsee. Personenaustausch mit Finnland	Sonstige	Dr. Lehmann	01.01.2006 - 31.12.2007	2.884,00
						14.885.878,16

¹ Total Budget over the complete funding period

Research Division 2: Marine Biogeochemistry

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
1	Ke466/1-3 Ridge 3	Emission and plume transport of methane and hydrogen from the Mid-Atlantic Ridge	DFG	Dr. Keir	01.11.2007 - 31.10.2009	68.570,00
2	2007/1 CP0704, Coccolithophores 1067/21	Carbon acquisition in coccolithophores: molekular basis and adaptive potential	DFG	Prof. Riebesell	01.10.2007 - 31.08.2008	52.400,00
3	2007/1 CP0710, VARAN /24	Variations of Trace Element Fluxes induced by Ocean Acidification at Ca _v +-Channels/Ca _v +-ATPases	DFG	Prof. Eisenhauer	01.09.2007 - 31.08.2009	84.800,00
4	Ba 1990/7-2, N ₂ O im Nordatlantik	N ₂ O om Nordatlantik	DFG	Dr. Bange	01.09.2006 - 31.08.2007	30.150,00
5	BA 1990/8-1, SOLAS-Summer School	Third international SOLAS (Surface ocean Lower-Atmosphere Study) Summer School. 23.10.07 - 02.11.07	DFG	Dr. Bange	01.10.2007 - 29.02.2008	19.901,00
6	BA1990/7-3, N ₂ O im Nordatlantik	N ₂ O im Nordatlantik	DFG	Dr. Bange	01.12.2007 - 30.11.2008	31.665,00
7	Biogeochemical models 1067/15	The Furture Ocean, Clusterproposal "A new computational framework to efficiently intergrate biogeochemical models from seasonal to multi-millennial time scales"	DFG	Prof. Oschlies	01.07.2007 - 30.06.2009	78.600,00
8	C 145/5-3, FeSpezies 3	Interconversion of Fe species in the Southern Ocean: Kinetic and thermodynamic properties of iron complexes in seawater	DFG	Dr. Croot	01.08.2006 - 31.07.2007	34.000,00
9	C. Verde 1067/04.9	C. Verde	DFG	Prof. Körtzinger	01.05.2007 - 31.12.2007	58.000,00
10	CLUSTER CLIVAR Workshop	CLUSTER CLIVAR Workshop	DFG	Prof. Lochte	01.03.2007 - 31.12.2007	10.000,00
11	CLUSTER SYMPOSIUM	Mittel für das Cluster Symposium	DFG	Prof. Wallmann	01.02.2007 - 28.02.2007	10.000,00
12	CLUSTER Overhead	Cluster Overhead Wallmann	DFG	Prof. Wallmann	01.01.2007 - 31.10.2011	906.750,00
13	CR 145/10-1	The influence of Fe on the distrubution and kinetic speciation of Zn, Cd, Co and Ni in the Southern Ocean (IPY)	DFG	Dr. Croot	01.08.2007 - 31.07.2009	73.550,00
14	CR 145/15-1	Nanoparticles, Colloids and their relationship to Titanium, Aluminium and Iron solubility in the Open Ocean	DFG	Dr. Croot	01.12.2007 - 30.11.2010	110.250,00
15	Cr 145/9-1	Cruise of Opportunity ANTXXIII-9: Distribution and solubility of iron complexes in biogeochemical provinceds of Southern Ocean	DFG	Dr. Croot	01.02.2007 - 31.01.2008	12.684,00
16	CR145/11-1	Mapping Si an N Isotopes in Southern Ocean Surface Waters in Relation to Fe and Nutrient Concentrations and Diatom Valve Morphology	DFG	Dr. Croot	01.08.2007 - 31.07.2009	21.150,00
17	Ei 272/15-2, CARLA	The Role of High- and Low-Temperature Ocean Crust Alteration for the Marine Calcium Budget	DFG	Prof. Eisenhauer	01.11.2005 - 31.03.2007	34.600,00

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
18	EI 272/20-2, CASIOPEIA	FB08: Evaluation of the Ca Isotope System in Carbonate Polymorphs as a new Proxy for Seawater Temperature and Secular of Ca Concentration and Fractionation throughout Earth History	DFG	Prof. Riebesell	15.11.2005 - 14.11.2007	5.467,00
19	Ei 272/20-2, Casiopeia	FB08: s.o.	DFG	Prof. Eisenhauer	15.11.2005 - 14.11.2007	255.812,00
20	Ei 272/20-3, CASIOPEIA	FB 08: s.o.	DFG	Prof. Eisenhauer	01.07.2007 - 30.06.2008	122.200,00
21	EI 272/22-1	The last deglacial sea-level and climatic changes. Coral Reef records in the south Pacific: Tahiti (French Polynesia) - IOPD-Expedition #310-, Australian Great Barrier Reef- IODP Proposal #519: Potential of diagenetically altered corals for subseasonal re	DFG	Prof. Eisenhauer	01.10.2007 - 30.09.2010	109.200,00
22	Ei 272/23-1 P.O.E.T	Räumliche Verlagerung des Phrasenversatzes zwischen oberflächennaher Ozeanverwärmung, Evaporation und Änderungen im kontinentalen Eisvolumen zu Beginn der interglazialen Isotopenstadien 1 und 5	DFG	Prof. Eisenhauer	01.08.2007 - 31.07.2009	181.400,00
23	EI 272/24-1	The role of ocean crust low temperature alteration carbonates in the global calcium cycle (IODP/ODP)	DFG	Prof. Eisenhauer	01.08.2007 - 31.07.2008	79.295,00
24	Ei 272/26-1, Pharao	The Influence of Phase Separation on the Ca-Isotope Composition and Fluxes in Hydrothermal Systems	DFG	Prof. Eisenhauer	01.11.2007 - 31.10.2008	62.800,00
25	FlowCam 1067/04.5	FlowCam	DFG	Prof. Riebesell	01.05.2007 - 31.12.2007	70.000,00
26	He 3512/2-2, Gas hydrat quantification 2	Development of a combined geochemical-geophysical approach for quantification of regional submarine gas hydrate inventories	DFG	Dr. Hensen	01.08.2006 - 31.07.2008	78.550,00
27	JRG A1 Ozeanversäuerung 1067/23	JRG A1 Ozeanversäuerung	DFG	Prof. Melzner	01.12.2007 - 30.11.2010	750.000,00
28	Ke 466/1-2, Ridge 2 Methantrans (TOPIC)	Methane transport to the ocean from the Mid-Atlantic Ridge, 7°S to 11°S	DFG	Dr. Keir	01.01.2006 - 31.12.2007	128.475,00
29	LA 1280/1-1, Meteor-Expedition, östl. Mittelmeer	Nährstoffzyklen im östlichen Mittelmeer	DFG	Prof. LaRoche	01.05.2006 - 31.01.2007	12.114,00
30	LANDER	LANDER	DFG	Dr. Pfannkuche	01.05.2007 - 31.12.2007	132.000,00
31	Lo 360/8-2 DFG-Senatskommission	Besetzung Sekretariat der DFG-Senatskommission	DFG	Prof. Lochte	01.03.2007 - 28.02.2008	60.400,00
32	Miniproposal Coupled Climate	Miniproposal Coupled Climate	DFG	Prof. Oeschies	01.02.2007 - 31.12.2008	99.000,00
33	Miniproposal Data Mining	Miniproposal Data Mining	DFG	Prof. Körtzinger	01.01.2007 - 28.12.2008	39.200,00

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
34	Miniproposal Lichtfluktuationen 05.3	Miniproposal Lichtfluktuationen 05.3	DFG	Dr. Croot	01.01.2007 - 31.12.2008	10.000,00
35	Modelling chemosensor-aidet CP730	Modelling chemosensor-aided foraging in zooplankton	DFG	Prof. Oschlies	01.09.2007 - 31.08.2009	70.000,00
36	Molecular biology system 03.1	Plattform 3: "High-Throughput Molecular Bioscience Technologies" Investitionen für Sea going molecular biology system	DFG	Prof. LaRoche	01.11.2007 - 31.12.2007	49.000,00
37	OS 175/4-1, CO2mix	Modellgestützte Untersuchungen zum Einfluß mariner Vermischungsprozesse auf glazial-interglaziale Änderungen des atmosphärischen CO ₂ Gehalts	DFG	Prof. Oschlies	01.03.2007 - 28.02.2010	95.450,00
38	OTIS	OTIS	DFG	Prof. Wallace	01.05.2007 - 31.12.2008	9.000,00
39	OTIS 1067/04.4	OTIS	DFG	Prof. Wallace	01.05.2007 - 31.12.2008	78.250,00
40	Oxygen Loggers (4.05)	CLUSTER Multi-purpose autonomous oxigen loggers	DFG	Prof. Körtzinger	01.09.2007 - 31.12.2007	44.000,00
41	Quadrupole 02.1	Plattform 2 "Isotope und Tracer Analysis" Investitionen für Quadrupole MC-ICO-MS (modular)	DFG	Prof. Eisenhauer	01.11.2007 - 31.12.2007	180.000,00
42	RI 598/2-1, Carbon Partitioning	Temperatur-dependency of carbon partitioning between dissolved and particulate organic matter in a pelagic new production system	DFG	Prof. Riebesell	01.01.2005 - 15.03.2007	139.774,00
43	Ri 598/2-2, Carbon Partitioning	Temperatur-dependency of carbon partitioning between dissolved and particulate organic matter in a pelagic new production system	DFG	Prof. Riebesell	01.11.2006 - 31.10.2009	213.000,00
44	Ri 598/4-1	Auswirkung der Ozeanversauerung auf die Kalzifizierung der riffbildenden Kaltwasserkoralle <i>Lophelia pertusa</i> (Scleractinia)	DFG	Prof. Riebesell	01.09.2007 - 30.08.2010	187.250,00
45	Ro 2138/6-1	The photosynthetic response to iron limitation and iron resupply in diatoms	DFG	Prof. LaRoche	01.09.2007 - 31.08.2010	136.050,00
46	Ro 2138/7-1	Study of factors controlling nitrogen fixation in the Subtropical North Atlantic and in the Mediterranean: Experimental manipulation of natural microbial populations on board of Meteor 68/3 and 71/3 expeditions	DFG	Prof. LaRoche	01.08.2007 - 31.07.2008	66.850,00
47	ROV Video Management (4.03)	CLUSTER ROV Video Management System	DFG	Dr. Linke	01.09.2007 - 31.12.2007	46.500,00
48	RV/V Islandia (4.02)	Cluster winch, J-frame etc for R/V Islandia	DFG	Prof. Körtzinger	01.09.2007 - 31.12.2007	69.300,00
49	Seed Money, SFB 574 Cluster	Cluster SFB 574	DFG	Prof. Wallace	01.05.2007 - 31.12.2007	10.000,00
50	Ta 317/1-1, BaTre	Investigation of deep-water mixing in the Baltic Sea with the help of a tracer release experiment. (BaTRE)	DFG	Dr.Tanhua	01.05.2007 - 30.04.2010	18.179,00
51	Tropical Eastern North Atlantic 2007/1 CP0726	Improved Methodes for Nitrogen Isotope Studies with Specific Application at the Tropical Eastern North Atlantic Time-Series Ovservatory, Cape Verde	DFG	Prof. Wallace	01.09.2007 - 31.08.2009	74.400,00

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
52	Video Edit (4.07)	CLUSTER Video edit/archive system	DFG	Dr. Linke	01.09.2007 - 31.12.2007	44.700,00
53	Wa 1434/10-1, Tracers in the Tropical Atlantic	Anthropogenic Carbon, CFC-12 and SF6 in the Tropical Atlantic	DFG	Prof. Wallace	01.11.2007 - 31.10.2010	113.450,00
54	Zo 252/2-1, Roseobacter Bakterien	Bakterien der Gattung Roseobacter vor der Küste Mauretaniens	DFG	Dr. Zöllner	01.08.2007 - 31.07.2008	23.750,00
55	SFB 574 TP A3/B5	Sedimentdiagenese an aktiven Kontinentalrändern: Akkumulation, Abbau und Export von Volatilen	DFG-SFB574	Prof. Wallmann	01.01.2001 - 30.06.2008	641.635,00
56	SFB 574 TP B3	Fluid-, Sediment- und Methanumsatz an konvergenten Plattenrändern: Die Rolle der Schlammdiapire und Schlammvulkane	DFG-SFB574	Dr. Linke	01.01.2001 - 30.06.2008	493.624,00
57	SFB 574 TP B6	Fluid sources timing of release and dcarbon inventory	DFG-SFB574	Prof. Suess	01.07.2004 - 30.06.2008	116.000,00
58	SFB 574 TP C5	Der Volatilen- und Fluidumsatz an Subduktionszonen und seine Wirkungen auf die globalen Kreisläufe klimarelevanter Elemente und Substanzen	DFG-SFB574	Prof. Wallmann	01.01.2001 - 30.06.2008	334.871,50
59	SFB 574 TP Z+Z2	Zentrales Verwaltungsprojekt	DFG-SFB574	Prof. Suess	01.01.2001 - 30.06.2008	1.019.145,00
60	03 G 0600 D, Comet TP 1	Verbundprojekt: COMET: Kontrollfaktoren der Methanflüsse und ihrer Klimarelevanz in marinen gashydrathaltigen Ökosystemen; Leitantrag; Vorhaben: Untersuchung und Modellierung der Steuerparameter für die Freisetzung und den Umsatz von Methan aus "cold seeps"	BMBF	Dr. Pfannkuche	01.01.2005 - 29.02.2008	889.918,00
61	03 G 0600 D, Comet TP 2	Verbundprojekt: COMET s.o.	BMBF	Dr. Rehder	01.01.2005 - 29.02.2008	184.206,00
62	03 G 0600 D, Comet TP 3/Charon	Verbundprojekt: COMET s.o.	BMBF	Prof. Eisenhauer	01.01.2005 - 28.02.2008	510.557,00
63	03 G 0600 D, Comet TP 4	Verbundprojekt: COMET s.o.	BMBF	Dr. Keir	01.01.2005 - 29.02.2008	297.831,00
64	03 G 0600 D, Comet TP 5	Verbundprojekt: COMET s.o.	BMBF	Prof. Wallmann	01.01.2005 - 29.02.2008	191.317,00
65	03 G 0600 D, Comet TP Koordination	Verbundprojekt: COMET s.o.	BMBF	Dr. Linke	01.01.2005 - 29.02.2008	244.158,00
66	03F0444C, NICO	Verbundprojekt: Nitratsensor -UV-Nitratsensor für den Einsatz in der Meeresforschung; Algorithmenoptimierung und Antifouling	BMBF	Prof. Körtzinger	01.08.2006 - 31.07.2009	61.789,00
67	03F0447A, MOST, WTZ Deutsch-Israel	WTZ Deutsch-Israel: System Erde: Kombinierte Effekte von angestiegenen Temperaturen und erhöhtem CO ₂ auf wichtige aquatische Diazotrophe auf physiologischem, biochemischem und Gen-Expressionslevel	BMBF	Prof. LaRoche	01.08.2006 - 31.07.2009	170.000,00
68	03F0462A, SOPRAN, Koordination	SOPRAN (Surface Ocean Processes in Anthropocene) Ozeanische Oberflächenprozesse im Anthropozän; Leitantrag, TP IFM-GEOMAR	BMBF	Prof. Wallace	01.11.2006 - 31.12.2009	571.809,00

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
69	03F0462A, SOPRAN, TP 3.5	SOPRAN (Surface Ocean Processes in Anthropocene) Ozeanische Oberflächenprozesse im Anthropozän; TP 3.5	BMBF	Prof. Körtzinger	01.11.2006 - 31.12.2009	344.549,00
70	03F0462A, SOPRAN, TP 2.4	SOPRAN (Surface Ocean Processes in Anthropocene) Ozeanische Oberflächenprozesse im Anthropozän; TP 2.4	BMBF	Prof. Lochte	01.11.2006 - 31.12.2009	135.195,00
71	03F0462A, SOPRAN, TP1.2	SOPRAN (Surface Ocean Processes in Anthropocene) Ozeanische Oberflächenprozesse im Anthropozän; TP 1.2	BMBF	Prof. LaRoche	01.11.2006 - 31.12.2009	368.149,00
72	03F0462A, SOPRAN, TP2.3	SOPRAN (Surface Ocean Processes in Anthropocene) Ozeanische Oberflächenprozesse im Anthropozän; TP 2.3	BMBF	Prof. Riebesell	01.11.2006 - 31.12.2009	574.997,00
73	03F0462A, SOPRAN, TP3.1	SOPRAN (Surface Ocean Processes in Anthropocene) Ozeanische Oberflächenprozesse im Anthropozän; TP 3.1	BMBF	Prof. Wallace	01.11.2006 - 31.12.2009	375.709,00
74	03F0462A, SOPRAN, TP3.4	SOPRAN (Surface Ocean Processes in Anthropocene) Ozeanische Oberflächenprozesse im Anthropozän; TP 3.4	BMBF	Dr. Bange	01.11.2006 - 31.12.2009	380.792,00
75	CO ₂ -Abscheidung und Speicherung	CO ₂ - Abscheidung und Speicherung im Meeresgrund - Meeresökologische und geologische Anforderungen für deren langfristige Sicherheit sowie Ausgestaltung des rechtlichen Rahmens	BMBF	Prof. Wallmann	01.01.2007 - 31.12.2007	61.820,50
76	FFG		BMBF	Prof. LaRoche	01.05.2006 - 31.12.2008	111.700,00
77	METRO TP5 03G0604B	Verbundprojekt: GHII: METRO; Vorhaben: Teilprojekte 4 und 5: Methan und Methanhydrate im Schwarzen Meer: Strukturelle Analyse, Quantifizierung und Impakt eines dynamischen Methanreservoirs	BMBF	Prof. Wallmann	01.10.2004 - 31.12.2007	297.097,00
78	TRACES		BMBF	Prof. Lochte	01.01.2006 - 31.12.2008	438.200,00
79	Enzymsysteme	Molekulare Ökologie und Monitoring der Enzymsysteme Hydrogenase und Nitrogenase im Plankton von Nordatlantik, Nord- und Ostsee	CAU	Prof. LaRoche	01.11.2006 - 30.10.2008	85.500,00
80	018419 -OOMPH	Organics over the Ocean Modifying Particles in both Hemispheres	EU	Prof. Lochte	01.09.2005 - 31.08.2008	203.400,00
81	018419 -OOMPH	Organics over the Ocean Modifying Particles in both Hemispheres	EU	Prof. Riebesell	01.09.2005 - 31.08.2008	135.600,00
82	037090 TENATSO	Tropical Eastern North Atlantic Time-Series Observatory (Specific Support Action) Coordinator	EU	Prof. Wallace	01.10.2006 - 30.09.2008	112.100,00
83	CarboOcean TP 1, 511176-2	Marine carbon sources and sinks assessment	EU	Prof. Wallace / Prof. Körtzinger	01.01.2005 - 31.12.2009	241.100,00
84	CarboOcean TP 2, 511176-2	Marine carbon sources and sinks assessment	EU	Prof. Oschlies	01.01.2005 - 31.12.2009	111.500,00
85	CarboOcean TP 4, 511176-2	Marine carbon sources and sinks assessment	EU	Prof. Wallace	01.01.2005 - 31.12.2009	204.100,00

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
86	CarboOcean TP 5, 511176-2	Marine carbon sources and sinks assessment	EU	Prof. Körtzinger	01.01.2005 - 31.12.2009	207.500,00
87	CarboOcean TP 6, 511176-2	Marine carbon sources and sinks assessment	EU	Prof. LaRoche	01.01.2005 - 31.12.2009	48.200,00
88	CarboOcean TP 7, 511176-2	Marine carbon sources and sinks assessment	EU	Prof. Riebesell	01.01.2005 - 31.12.2009	230.000,00
89	CarboOcean TP 8, 511176-2	Marine carbon sources and sinks assessment	EU	Dr. Rehder	01.01.2005 - 31.12.2009	154.800,00
90	Diatomics LSH- CT-2004-512035	Understanding Diatom Biology by Functional Genomics Approaches	EU	Prof. LaRoche	01.01.2005 - 31.12.2007	101.040,00
91	Diatomics LSH- CT-2004-512035	Understanding Diatom Biology by Functional Genomics Approaches	EU	Prof. Riebesell	01.01.2005 - 31.12.2007	101.040,00
92	ESONIM	Integrating and strengthening the European Research Area European Seafloor Observatory Network Implementation Model	EU	Dr. Pfannkuche	01.11.2005 - 31.07.2007	34.560,00
93	EURO OCEANS TP1	EUROpean Network of excellende for OCean Ecosystems ANalysis (EUR-OCEANS)	EU	Prof. Lochte	01.01.2005 - 31.12.2008	148.500,00
94	GOCE 036851 ESONET	European Seas Observatory Network	EU	Dr. Pfannkuche	01.03.2007 - 28.02.2011	13.168,00
95	GOCE- CT-2005-511234-1 HERMES	Hotspot Ecosystem Research on the Margins Seas (HERMES)	EU	Dr. Pfannkuche	01.04.2005 - 31.03.2009	537.240,00
96	MOIF- CT-2006-021604 Marie Curie -S. Mau-	Marine CH ₄ oxidatin, The role water column mehtane oxidation in the global carbon budget Marie Curie Outgoing Fellowships	EU	Dr. Rehder	01.05.2006 - 30.04.2009	260.570,72
97	SEA-TEST (InterMareC) INTERREG	Einrichtung einer Dauerstation in der Eckernförder Bucht (Glasfasertechnologie)	EU	Dr. Linke	01.11.2005 - 30.09.2007	55.000,00
98	SIP3-CT2003-502885, MERSEA WP7	Marine EnviRonment and Security for the European Area	EU	Prof. Oschlies	01.04.2004 - 31.03.2008	266.760,00
99	Summerschool 2007	Summerschool September 2007 in Kiel in Zusammenhang mit Eur- Ocean und Carbo-Ocean jeweils 10.000 Euro	EU	Prof. Oschlies	01.09.2007 - 31.12.2007	20.000,00
100	Hydrate	Beratertätigkeiten, Unterrichtung Hydratforschung, -bildung und -förderung als zukünftige Erdgasressource Auftragsforschung	E.ON	Dr. Rehder	01.08.2004 - 31.07.2007	25.000,00
101	China Projekt	Zusammenarbeit	China	Prof. Suess	01.06.2004 - 31.03.2008	58.320,00
102	Prototyp Mesokosmen		IOW	Prof. Riebesell	01.12.2006 - 31.12.2007	50.000,00
103	START - H. Biswas	Aufenthalt von Haimanti Biswas aus Indien für 8 Monate	Sonstige	Prof. Riebesell	01.06.2006 - 31.01.2007	9.800,00
						17.731.753,72

¹ Total Budget over the complete funding period

Research Division 3: Marine Ecology

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
1	2007/1 CP0722 Omega 34S 1067/20	Building up the capacity for Omega34S measurements from organic samples by continuous flow isotope mass spectrometry	DFG	Prof. Sommer	01.09.2007 - 31.08.2009	71.000,00
2	AB 289/2-1, LITROPE	Der Einfluß von Nährstofflimitationen auf Primär- und Sekundärkonsumenten und die Weitergabe dieses Limitationssignals an höhere trophische Ebenen.	DFG	Dr. Aberle- Malzahn	18.10.2006 - 17.10.2009	77.367,00
3	CI 126/3-2, RECONN2	Resolving Trophodynamic Consequence of Climate Change (RECONN 2): Match-mismatch between Secondary and Tertiary Production in the Baltic Sea	DFG	Dr. Clemmesen- Bockelmann	01.11.2006 - 31.10.2009	135.600,00
4	CO2 Manipulation 1067/04.6	CO ₂ Manipulation	DFG	Dr. Clemmesen- Bockelmann	01.05.2007 - 31.12.2007	50.000,00
5	Complex barriers 2007/1 CP0706 1067/19	Complex barriers: The biotec control of marine biofilms on algal surface	DFG	Prof. Wahl	01.09.2007 - 31.08.2009	102.800,00
6	Ei 272/20-2, CASIOPEIA	FB08: Evaluation of the Ca Isotope System in Carbonate Polymorphs as a new Proxy for Seawater Temperature and Secular of Ca Concentration and Fractionation throughout Earth History	DFG	Prof. Wahl	15.11.2005 - 14.11.2007	14.281,00
7	EMBS 2007 / CLUSTER 1067/11	EMBS 2007 / Cluster	DFG	Prof. Wahl	01.05.2007 - 31.12.2008	15.000,00
8	EMBS Symposium 2007, 4851/14/07	EMBS 2007	DFG	Prof. Wahl	27.08.2007 - 31.08.2007	19.900,00
9	FOR 451/1-1, FOR- Ocean		DFG	Dr. Süling	01.04.2006 - 31.01.2007	41.750,00
10	GC combustion 02.2	Plattform 2 "Isotope und Tracer Analysis" GC combustion system for IR mass spectrometer	DFG	Prof. Sommer	01.11.2007 - 31.12.2007	86.000,00
11	IM 12/16-1	Analyse spezifischer prokaryontischer Gruppen im oligotrophen Levantinischen Becken im Hinblick auf horizontale und vertikale Zonierung sowie Reaktionen auf Nährstoff-Einträge	DFG	Prof. Imhoff	01.08.2007 - 31.12.2009	75.760,00
12	Mesokosmen	Mesokosmen	DFG	Prof. Sommer	01.05.2007 - 31.12.2007	24.000,00
13	Miniproposal Managing Cod /08	Managing Cod and Sprat in the Central Baltic Sea - A Bio-economic Multi-Species Approach with Stochastic Regeneration Functions	DFG	Dr. Froese	01.02.2007 - 31.12.2009	50.000,00
14	Miniproposal Lichtfluktuationen	Miniproposal Lichtfluktuationen	DFG	Prof. Wahl	01.01.2007 - 31.12.2008	15.000,00
15	SO 145/23-2 Aquashift	Match and mismatch between phyto-and zooplankton during spring succession: an experimental analysis with the Baltic Sea plankton	DFG	Prof. Sommer	01.11.2006 - 28.02.2010	205.380,00
16	SO 145/24-1, Meta- Analysis	Co-ordination and meta-analysis of seasonal patterns	DFG	Prof. Sommer	01.11.2004 - 31.12.2007	113.500,00

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
17	SO 145/24-2, Meta Analysis 2 AQUASHIFT	AQUASHIFT: co-ordination, meta analysis	DFG	Prof. Sommer	01.11.2006 - 31.10.2009	267.700,00
18	04HS065 Eel Tracer der Europäische Aal	Habitatselektion des Europäischen Aals	BMBF	Prof. Hanel	01.10.2005 - 31.12.2008	414.725,00
19	04HS065 Eel Tracer der Europäische Aal	Habitatselektion des Europäischen Aals: Aufstockung Reisekosten 2007	BMBF	Prof. Hanel	01.01.2007 - 31.12.2007	50.000,00
20	Belastung der Küstengewässer, 900-410	Belastung der Marinestützpunkte/Küstengewässer durch eingeschleppte marine Arten	BMBF	Prof. Wahl	01.06.2005 - 30.11.2007	188.700,00
21	Biotec Marin II, 03F0414B	Verbundprojekt: Marine Naturstoffe V: BIOTEC MARIN II; Vorhaben: Biotechnologisches Potential und molekulargenetische Analyse Schwammassoziierter Mikroorganismen, Bakterien und Pilze	BMBF	Prof. Imhoff	01.01.2005 - 31.12.2007	438.738,00
22	GLOBEC II TP 1 , 03F0418B	Verbundprojekt:GLOBEC II; Vorhaben: Verteilung, Wachstum und Sterblichkeiten von Fischbrut unter dem Einfluß physikalischer Prozesse und gekoppelte Modellierung der Trophodynamik und Advektion: TP 1	BMBF	Prof. Schnack	01.03.2005 - 31.12.2007	589.481,00
23	GLOBEC II TP 2 , 03F0418B	Verbundprojekt:GLOBEC II; TP 2	BMBF	Prof. Sommer	01.03.2005 - 31.12.2007	27.600,00
24	Minos Plus 0329946D	Verbundvorhaben MINOS plus: Seehunde in (SIS) - Untersuchungen zur räumlichen und zeitlichen Nutzung der Nordsee durch Seehunde im Zusammenhang mit der Entwicklung von Offshore-Windenergieanlagen (WEA) TP 6	BMBF	Prof. Adelung	01.06.2004 - 30.09.2007	530.385,00
25	Heringslarvensurveys	Durchführung und Auswertung zweier Heringslarvensurveys in der Nordsee und im Englischen Kanal	BfaFi	Prof. Schnack	01.07.1995 - 31.12.2008	817.309,03
26	OZON	Die Toxizität von Ozon un Ozon-generierten Radikalen in marine Kreislaufanlagen Optimierung der Ozonanwendung in marinen Kreislaufanlagen	AfLR	Prof. Hanel	01.01.2006 - 31.12.2008	150.000,00
27	131-0608.46-200, Laichentaucher-Monitoring	Laichentaucher-Monitoring	LANU	Dr. Rumohr, H.	01.10.2007 - 30.11.2008	30.000,00
28	Algenbewertung-Winter 133-0608.46-201	Algenbewertung-Winter	LANU	Prof. Wahl	01.10.2007 - 30.04.2008	25.300,00
29	Algen-Erbe 131-0608.46-194	Algen-Erbe	LANU	Prof. Wahl	01.10.2007 - 31.03.2008	30.400,00
30	AMBI Intercalibrierung 134-0608.46-167	Erstellung eines nationalen auf dem modifizierten AMBI beruhenden Intercalibrierungsbericht in der Nordsee	LANU	Dr. Rumohr, H.	01.02.2007 - 31.08.2007	16.500,00
31	Benthos Workshop	Organisation des BalticGIG-Meeting am 23/24.01.07 und 27./28.02.07	LANU	Dr. Rumohr, H.	01.02.2007 - 31.12.2007	3.200,00

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
32	FUCUS-Mytilus-Konkurrenz, 131-0608.46-117	Ermittlung von Ursachen, die in Flachwasserstandorten der westlichen Ostsee entweder zu einer Makroalgen-(Fucus-)Dominanz oder zu einer Mytilus-Dominanz führen.	LANU	Prof. Wahl	01.04.2006 - 31.03.2007	33.000,00
33	Fucus-Verbreitung 131-0608.46-195	Fucus-Verbreitung	LANU	Prof. Wahl	01.10.2007 - 31.07.2009	119.600,00
34	GRACILARIA Invasion, 131-0608.46-114	Ermittlung der Verbreitung von Gracilaria Vermiculophylla	LANU	Prof. Wahl	01.03.2006 - 31.12.2007	24.500,00
35	Gracilaria-Fucus	Gracilaria-Fucus	LANU	Dr. Weinberger	01.10.2007 - 30.09.2008	45.000,00
36	Langzeit Algenmonitoring 131-0608-46-68	Betreuung der für das LANU eingerichteten Ostsee-Überwachungsstellen in Damp, in der Orther Bucht und nahe Maasholm	LANU	Prof. Wahl	01.12.2004 - 30.11.2008	48.000,00
37	LANU 133 - 0608.46-144, Küsten- sanierungsworkshop	Workshop: Sanierung von Küstengewässern (Schwerpunkt Ostsee) im Oktober 2006	LANU	Dr. Rumohr, H.	01.10.2006 - 31.03.2007	5.900,00
38	LANU 133-0608.46-205 WRRL	Auswertung von WRRL-Planktonproben 2007	LANU	Prof. Sommer	01.10.2007 - 31.05.2008	37.000,00
39	LANU 134-0608.46-171, Invasoren Frühwarnsystem	Invasoren Frühwarnsystem	LANU	Prof. Wahl	01.05.2007 - 30.04.2008	28.250,00
40	LASH 131-0608.46-193	LASH-Support	LANU	Prof. Wahl	01.10.2007 - 31.05.2008	29.700,00
41	LASHplus-Analyse, 134-0608.46-167	LASH plus Analyse , Untersuchung Eckernförder Bucht, Schleimündung, östl. Fehmarn	LANU	Prof. Wahl	26.04.2007 - 30.11.2007	11.920,00
42	Makrophyten- Arteninventar 131-0608.46-151	Erstellung taxonomischer Literatur über potentiell in der äußeren S-H. Ostsee vorkommende Makroalgen.	LANU	Prof. Wahl	01.10.2006 - 30.11.2007	47.000,00
43	Monitoring Mnemiopsis Invasion 134-0608.46-166	Ermittlung der Bestandsentwicklung von Mnemiopsis und des Zooplanktons in der schleswig-Holsteinischen Ostsee	LANU	Prof. Sommer	01.01.2007 - 31.12.2007	10.000,00
44	Sanierung durch Kultur	Ermittlung inwieweit die Kultivierung und Entnahme von marinen Organismen (z.B. Makroalgen, Miesmuscheln) in der S-H.- Ostsee nennenswert zur Reduktion des Nährstoffüberschusses beitragen kann.	LANU	Prof. Wahl	01.10.2006 - 30.10.2007	28.400,00
45	Zoobenthos- Monitoring Ostsee	Zoobenthos-Monitoring Ostsee	LANU	Prof. Wahl	01.07.2007 - 31.12.2007	29.500,00
46	KiWIZ	Zentrum für Marine Wirkstoffforschung im IFM-GEOMAR: Stärkung der Position mariner Biotechnologien in Schleswig-Holstein.	MWV	Prof. Imhoff	01.10.2005 - 31.12.2007	2.700.000,00
47	ECASA 00654 (SPP8)	Ecosystem Approach for Sustainable Aquaculture	EU	Prof. Schnack	01.12.2004 - 30.11.2007	166.800,00

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
48	EURO OCEANS TP2	EUROpean Network of excellende for OCean Ecosystems ANalysis (EUR-OCEANS)	EU	Prof. Sommer	01.01.2005 - 31.12.2008	8.500,00
49	GOCE-CT2003 -505446, MARBEF	Marine Biodiversity and Ecosystem Functioning	EU	Dr. Piatkowski	01.02.2004 - 31.01.2009	101.444,00
50	INCOFISH (003739)	Integrating Multiple Demands on Coastal Zones with Emphasis on Aquatic Ecosystems and Fisheries (INCOFISH), 6. RP.	EU	Dr. Froese	01.05.2005 - 30.04.2008	1.127.800,00
51	INTERREG IIIA	"Die Reduzierung des Umwelteinflusses von Markkulturen"	EU	Dr. Waller	01.08.2003 - 31.01.2007	75.000,00
52	IP/B/PECH/IC2006-199,CLIMATE CHANGE	Climate Change and European Fisheries	EU	Dr. Clemmesen-Bockelmann	01.01.2007 - 31.12.2007	33.000,00
53	Lengfellner Eur-Oceans	eingeworbene Reisemittel	EU	Lengfellner	01.11.2006 - 31.10.2007	500,00
54	Meeting Croatia und Slovenia	Impact of Global Changes on the Dynamic of Carnivorous Plankton in Mediterranean Pelagic Ecosystems Budget für Reisen	EU	Prof. Sommer	01.10.2007 - 30.01.2008	17.000,00
55	MIRG-CT-2007-208801 IDA	IDA - Intraspecific Diversity and Adaptability of Fucus vesiculosus at range limits	EU	Prof. Wahl	01.10.2007 - 30.09.2011	100.000,00
56	PROTECT 513670 SSP8	Marine Protected areas as a tool for ecosystem conservation and fisheries management Programme: Integrated and strengthening the European Research Area	EU	Prof. Schnack	01.01.2005 - 30.06.2008	124.210,00
57	SPRATTUS 0252660	Towards the identification of fish stocks in European waters by means of the database FishTrace: The European sprat (Sprattus sprattus) as a model species	EU	Prof. Hanel	01.07.2007 - 28.02.2009	24.500,00
58	SSP8-CT-2003-502482 BECAUSE	Critical Interactions BETWEEN Species and their Implication for a PreCAUttonary FISheries Management in a variable Environment - a Modelling Approach	EU	Prof. Schnack	01.03.2004 - 28.02.2007	403.870,00
59	Uncover	Understandig the mechanisms of stock recovery	EU	Dr. Kraus	01.03.2006 - 28.02.2010	240.882,00
60	Stipendium S. Dobretsov	Stipendium Sergey Dobretsov, 12 Monate	AvH	Prof. Wahl	01.04.2006 - 31.03.2008	27.600,00
61	Zuschuss Dobretsov 2007	Forschungskostenzuschuss Dobretsov (allg. Verbrauchsmittel)	AvH	Prof. Wahl	01.01.2007 - 31.03.2008	12.000,00
62	Zuschuss Stipendiaten	Betreuungszuschuss Stipendiaten: Maya Mitowa	AvH	Prof. Imhoff	01.12.2006 - 31.10.2007	160,00
63	Zuschuss Stipendiaten 2007	Forschungskostenzuschuss 2007 für Maya Mitova	AvH	Prof. Imhoff	01.01.2007 - 31.10.2007	8.000,00
64	GAME II 04-204	GAME -Aufbau eines internationalen Studierendenaustauschprogramms	Stiftung Mercator	Prof. Wahl	01.10.2005 - 31.01.2009	582.639,00
65	I-732-54.8/2002, Phytoplankton grow	Phytoplankton growth and mortality: The role of grazing in the cycling of nutrients in the Northern Red Sea	GIF	Prof. Sommer	01.01.2004 - 31.12.2007	96.705,00

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
66	EMBS 2007	42. European Marine Symposium 27.-31.08.07 Einnahmen 2007 bis 04.06.07	Workshop	Prof. Sommer	01.01.2007 - 31.12.2007	31.200,00
67	Larval Fish-Konferenz Mitfinanzierung	Mitfinanzierung Larval Fish Konferenz, div. Einzahler	Sonstige	Dr. Clemmesen-Bockelmann	01.08.2007 - 31.08.2008	1.050,00
68	612/7175.29 Folge Laicherqualität Aale in SH	Fortsetzung zu Laicherqualität Aale in Schleswig-Holstein	Sonstige	Prof. Hanel	01.06.2007 - 31.03.2008	16.720,00
69	612/7175.29 Laicherqualität Aale in SH	Förderung aus der Fischereiabgabe, Laicherqualität Aale in Schleswig Holstein	Sonstige	Prof. Hanel	21.06.2006 - 31.07.2007	15.920,00
70	DIFRES	Erstellung von Analysen	Sonstige	Dr. Voss	01.08.2007 - 31.12.2007	9.700,00
71	Drittmittelvertrag Springer Verlag	Beschäftigung einer Redaktionsassistentin für die Betreuung der Zeitschrift: Marine Biology (Herausgeber: Prof. Sommer/IFM-GEOMAR)	Sonstige	Prof. Sommer	01.08.2007 - 31.12.2008	48.754,30
72	Fisch-O-Meter	Spende für 6000 neue Fisch-O-Meter	Sonstige	Dr. Froese	01.06.2007 - 31.08.2007	2.500,00
73	Stipendium Shahnaz	Stipendium Dr. Laila Shahnaz	Sonstige	Prof. Sommer	01.04.2007 - 31.12.2007	7.400,00
74	Untersuchung zur Ozontechnik	Ozone analysis in seawater	Sonstige	Prof. Hanel	01.08.2005 - 30.06.2008	6.945,00
						11.165.945,33

¹ Total Budget over the complete funding period

Research Division 4: Dynamics of the Ocean Floor

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
1	AUV	An "Autonomus Underwaer Vehicle (AUV)" for SPP 1144 and German marine science	DFG	Prof. Devey	01.06.2007 - 31.12.2007	2.289.704,00
2	BE 141/20/-1; FastSed	Fabric genesis, strenght and physical properties of young Sediments, Ursa and Brazos-Trinity basins, Gulf of Mexico. A follow-up laboratory study of IODP Expedition 308	DFG	Prof. Behr- mann	01.08.2006 - 31.07.2008	76.400,00
3	BI 404/4-1, SEEPROMOD	Hochauflösende seismische und geoakustische Vermessung von Förderwegen zur Methanfreisetzung sowie zur Untersuchung von Hydratlagerstätten und deren Stabilitätsgrenze (M72/4)	DFG	Dr. Bialas	01.02.2007 - 31.07.2007	43.750,00
4	Data Exchange Workshop 1067/13	Data Exchange Workshop in Kiel vom 09.-11.05.07	DFG	Dr. Weinrebe	09.05.2007 - 11.05.2007	2.900,00
5	Datenmanagement 1067/01.1	Plattform 1:" Numercial Simulation and Datamanagement" hier: Investitionen Datenmanagement	DFG	Dr. Weinrebe	01.11.2007 - 31.12.2007	51.000,00
6	De 572/22-2, Ridge Koordination	Coordination of the Priority Program 1144, "From the mantle to the ocean"	DFG	Prof. Devey	01.10.2005 - 30.09.2007	995.858,00
7	De 572/22-2, Ridge Koordination	Zusatzbewilligung Charter ROV Coordination of the Priority Program 1144, "From the mantle to the ocean"	DFG	Prof. Devey	01.07.2007 - 31.12.2007	560.600,00
8	DE 572/22-3 Koordination	Koordinierungsarbeiten im Schwerpunktprogramm: Vom Mantel zum Ozean: Energie-, Stoff-, und Lebenszyklen an Spreizungsachsen	DFG	Prof. Devey	01.12.2007 - 30.11.2009	1.117.611,00
9	De 572/25-1, MARGEO (TOPOC)	The geology and structure of the Mid-Atlantic Ridge near Ascension Island	DFG	Prof. Devey	01.10.2005 - 31.01.2008	80.250,00
10	De 572/25-2, MARGEO 2	The geology and structure of the Mid-Atlantic Ridge near Ascension Island	DFG	Prof. Devey	01.11.2007 - 31.10.2008	33.550,00
11	Fl 147/18-3	Das Porcupine Becken als natürliches Labor zur Untersuchung der Symmetrie und der Entwicklung der Extensionstektonik bis hin zum kontinentalen Aufbrechen: Weitwinkelseismik und Kurstenstruktur (M61/2)	DFG	Prof. Flüh	01.08.2007 - 31.07.2008	32.564,00
12	FR 947/12-1, Volcano Rift	Spannungsinteraktion zwischen Riftzonen und instabilen Flanken an Ozeaninsel-Vulkanen	DFG	Dr. Freundt	01.12.2007 - 30.11.2009	95.466,00
13	FR947/11-1, Phreatoplinian eruptions	Phreatoplinianische Eruptionen: Vergleichende Fallstudien zur Herleitung ihrer Mechanismen	DFG	Dr. Freundt	01.04.2007 - 28.03.2009	161.150,00
14	GI -an G-airguns (4.08)	CLUSTER GI- and G-airguns incl. Operation units	DFG	Prof. Flüh	01.09.2007 - 31.12.2007	142.954,00
15	Gr 1964,7-2, M62-Charisma	Tiefenseismische Untersuchungen des Hotspot-Vulkanismus der Kapverden Schwelle: Untersuchungen zur Mechanik und Isostasie der Lithospäre und Plumedynamik	DFG	Dr. Greve- meyer	01.07.2006 - 30.06.2008	31.150,00
16	Gr 1964/11-1 HydroPlumb	Geophysical imaging of the deep seated pluming system feeding and controlling the Logatchev Hydrothermal vent field at the Mid-Atlantic Ridge near 15°N	DFG	Dr. Greve- meyer	01.11.2007 - 31.10.2009	58.000,00

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
17	GR 1964/7-3	Tiefenseismische Untersuchungen des Hotspot-Vulkanismus der Kapverden Schwelle: Untersuchungen zur Mechanik und Isostasie der Lithosphäre und Plumedynamik	DFG	Dr. Greve-meyer	01.08.2007 - 31.07.2008	29.400,00
18	GR 1964/8-3 COSTMAR (M60/3)	Constraining the seismotectonics, crustal, and uppermost mantle structure beneath an actively propagating segment of the Northern Mid-Atlantic Ridge (M60/3)	DFG	Dr. Greve-meyer	01.09.2006 - 28.02.2007	14.700,00
19	HA 2100/10-1, Henry Seamounts	Vulkanismus am Henry Seamount, westliche Kanarischen Inseln: rezente Aktivität oder Frühphase des Kanaren Hot-Spots?	DFG	Dr. Hansteen	01.09.2006 - 31.08.2007	4.965,00
20	Ha 2100/12-1, Fogo-Barometrie	Aufstieg von Magmen historischer Eruption auf Fogo (Kapverden): Implikationen für Ausbruchsdynamik und Vulkangefahren	DFG	Dr. Hansteen	01.02.2007 - 31.01.2009	13.000,00
21	Ha 2586/14-2, THURAMAR	U-Th-Ra disequilibria in basalts from the Mid-Atlanti Ridge 6-11°S: Constraints on melting, mixing and time-scales of magmatic processes	DFG	Dr. Hauff	01.01.2006 - 31.01.2008	140.600,00
22	Ho 1833/12-2 , New Zealand Volcanism 2	The Origin of Intraplate Volcanism in New Zealand	DFG	Prof. Hoernle	01.10.2006 - 30.09.2007	34.150,00
23	Ho 1833/15-1 Marie Byrd Seamounts	Ursachen und Auswirkungen des Magmatismus im Bereich der Marie Byrd Seamounts (Amundsenmeer)	DFG	Prof. Hoernle	01.11.2005 - 31.07.2007	28.000,00
24	HO 1833/15-2, Marie Byrd Seamounts 2	Ursachen und Auswirkungen des Magmatismus im Bereich der Marie Byrd Seamounts (Amundsenmeer)	DFG	Prof. Hoernle	01.08.2006 - 31.07.2007	39.250,00
25	HO 1833/15-3	Ursachen und Auswirkungen des Mamatismus im Bereich der Marie Byrd Seamounts (Amundsenmeer)	DFG	Prof. Hoernle	01.08.2007 - 31.07.2008	38.150,00
26	HO 1833/16-1, Isotope Variation	U-Th-Pb, Nd and Hf isotopic investigaton of a complete in situ section of upper oceanic crust formed at a superfast spreading ridge (IODP Siote 1256D)	DFG	Prof. Hoernle	01.12.2006 - 30.11.2008	130.750,00
27	Je 296/2-1, HYDROPLUMB	Geophysical imaging of the deep seated pluming system feeding and controlling the Logatchev Hydrothermal vent field at the Mid-Atlantic Ridge near 15°N	DFG	Dr. Jegen	01.11.2007 - 30.10.2009	31.000,00
28	KO 2961/1-2 SHAPE	Sunda: High Accretion Plate Edge	DFG	Prof. Kopp	01.07.2005 - 31.12.2007	130.782,00
29	KV52/1-2, Ultraslow GARBO	The natur of the lower crust at ultra-slow ridges	DFG	Dr. Kvassness	01.07.2005 - 30.06.2007	42.000,00
30	M62-4 Asterics-Auws. 2	Geophysical Studies near the Ascension Transform: Evolution of Ridge Segmentation and Crustal Structure	DFG	Prof. Reston	01.04.2006 - 31.03.2008	170.500,00
31	Meeresboden-Ressourcen 1067/22	Meeresboden-Ressourcen, CLUSTER B3 Gruppe	DFG	Prof. Rüpke	01.12.2007 - 30.11.2010	750.000,00
32	Pe 1190/1-1 LOGDRILL - TOPIC	The third dimension fo the ultramafic-hosted Logatchev-1	DFG	Dr. Petersen	01.07.2006 - 30.06.2008	151.100,00
33	Pe 1190/3-1, Palindrill	Flachbohrungen in Hydrothermalsystemen des Tyrrhenischen Meeres (M73/2)	DFG	Dr. Petersen	01.08.2007 - 31.01.2008	185.009,00
34	Pe1190/4-1, BIHYS	Biosignatures in precipitates and altered rocks at hydrothermal system ot the Mid-Atlantic Ridge: organic geochemistry, microbiology and petrography	DFG	Dr. Petersen	01.11.2007 - 30.10.2009	3.238,00

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
35	PPP Kanada D/05/19349	Projektbezogener Personenaustausch mit Kanada	DFG	Dr. Petersen	01.01.2006 - 31.12.2007	6.742,00
36	Ra 925/2-1 West-Med	West-Med: Imaging the western mediterranean margins: a key target to understand the interaction between deep and shallow processes	DFG	Dr. Ranero / Prof. Reston	01.03.2005 - 31.08.2008	58.700,00
37	Re 873/12-1, M62/4 Asterics Auswertung	M62/4 Asterics-Ausw. (ESL): Geophysical Studies near the Ascension Transform: evolution of Ridge Segmentation and Crustal Structure Auswertung.	DFG	Prof. Reston	01.06.2004 - 31.01.2007	99.600,00
38	Re 873/14-2, M61-2 Porcupine Becken- Ausw.2	Das Porcupine Becken als natürliches Labor zur Unterstützung der Symmetrie und der Entwicklung der Extensionstektonik bis hin zum kontinentalen Aufbrechen: Weitwinkelseismik und Krustenstruktur	DFG	Prof. Flüh	01.01.2007 - 31.12.2007	31.900,00
39	ROV	ROV	DFG	Prof. Devey	01.05.2007 - 31.12.2008	85.000,00
40	Schm 250/82-1	Analysis, impact, feedback and hazard aspects of flank collapses and Plinian eruptions of coupled volcanic systems reflected in ODP Leg 157 cores.	DFG	Prof. Schmincke	01.08.2006 - 31.07.2008	34.000,00
41	Schm 250/83-1, Lake Van	Environmental response to climatic and volcanic events in NE Anatolia during the last 20.000 years based on annually laminated sediments from Lake Van. Schwerpunktprogramm "Internationales Kontinentales Bohrprogramm (ICDP)	DFG	Prof. Schmincke	01.02.2007 - 31.01.2009	104.600,00
42	Schm 250/81-1, Diatreme	Interne und externe Forcingmechanismen submariner Diatreme am Beispiel eines miozänen Diatremfeldes auf Sizilien	DFG	Prof. Schmincke	01.08.2005 - 31.07.2007	89.614,00
43	Seismik Server 01.2	Plattform 1: "Numerical Simulation and Data Management" hier: Investitionen für Server für Seismik-Datenprocessing	DFG	Dr. Weinrebe	01.11.1974 - 31.12.2007	58.000,00
44	Seismometer for water depths (4.06)	CLUSTER Seismometer for water depths up to 8000 m	DFG	Dr. Grevemeyer	01.09.2007 - 31.12.2007	34.800,00
45	Sti 298/2-2, Deformation von Migmatiten	Experimentelle Deformation partiell geschmolzener krustaler Gesteine: Schmelzverteilung und Rheologie bei der Scherverformung von Migmatiten	DFG	Dr. Stipp	01.06.2007 - 31.12.2007	2.884,90
46	STREAMER D1067/04.7	Cluster Plattform 4Streamer	DFG	Prof. Flüh	01.11.2007 - 31.12.2007	100.000,00
47	We 2543/2-1, MASS- Andaman-Sea	Morphodynamics and Slope Stability of the Andaman Sea Shelf Break	DFG	Dr. Weinrebe	01.05.2006 - 30.04.2007	187.259,00
48	SFB574 TP A1	Submarine Morphologie als Abbild aktiver Kontinentalrand-Prozesse	DFG- SFB574	Prof. Reston / Dr. Weinrebe	01.01.2001 - 30.06.2008	596.128,00
49	SFB574 TP A2	Wechselwirkungen und Transfer zwischen Ober- und Unterplatte	DFG- SFB574	Prof. Flüh / Rabbel	01.01.2001 - 30.06.2008	1.123.161,00
50	SFB574 TP A5		DFG- SFB574	Prof. Flüh / Dr. Grevemeyer	01.07.2004 - 30.06.2008	309.700,00
51	SFB574 TP B2	Fluid-, Sediment- und Methanumsatz an konvergenten Plattenrändern: Die Rolle der Schlamm diapire und Schlammvulkane	DFG- SFB574	Prof. Reston	01.01.2002 - 30.06.2008	283.462,00

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
52	SFB574 TP C2	Zum Umsatz magmatischer Volatile und Fluide in Subduktionszonen: Untersuchung vulkanischer Gesteine und ihrer Schmelzeinschlüsse	DFG-SFB574	Prof. Hoernle	01.01.2001 - 30.06.2008	639.779,00
53	SFB574 TP C4	Emissionen durch explosiven Vulkanismus an Subduktionszonen vom Pleistozän bis zur Gegenwart	DFG-SFB574	PD Dr. Freundt	01.01.2001 - 30.06.2008	597.484,00
54	SFB574 TP N1 (Nachwuchsgruppe)	Nachwuchsgruppe	DFG-SFB574	Dr. Jegen	01.06.2005 - 30.06.2008	1.192.500,00
55	SFB574 TP Z	Zentrales Verwaltungsprojekt	DFG-SFB574	Prof. Hoernle	01.07.2006 - 30.06.2008	642.800,00
56	03 G 0579 B, SUNDAARC; MERAMEX II	Verbundprojekt KR: SUNDAARC; Vorhaben: MERAMEX 2 - Seismische Tomographie und refraktionsseismische Strukturuntersuchung der Subduktionszone im Bereich des Hochrisikovulkans Merapi - Sonderprogramm GEOTECHNOLOGIEN	BMBF	Prof. Flüh	01.04.2004 - 30.06.2007	132.253,00
57	03 G 0594 E TIPTEQ	Verbundprojekt KR: TIPTEQ; Vorhaben: TIPTEQ 6 - Sonderprogramm GEOTECHNOLOGIEN (ohne Charter).	BMBF	Dr. Ranero	01.07.2004 - 30.06.2007	432.527,00
58	03G0190A, SO 190 Sindbad	SO 190 - SINDBAD: Seismische und geoakustische Untersuchungen entlang des Übergangs vom Sunda zum Banda Becken	BMBF	Prof. Kopp	01.09.2006 - 31.12.2008	345.450,00
59	03G0191A, SO 191-NEW VENTS	SO 191 - NEW VENTS, -New Zealand Cold Vents - Geophysikalische, geochemische und biologische Untersuchungen an Cold Vents zu der Verbindung mit Gashydraten und des Einflusses auf locale, regionale und globale Methan- und Kohlenstoff-Kreisläufe	BMBF	Dr. Bialas	01.10.2006 - 31.03.2009	391.104,00
60	03G0193A -SO 193 - MANIHIKI	SO 193 - MANIHIKI. Temporal, Spatial and Tectonic Evolution of Oceanic Plateaus	BMBF	Prof. Hoernle	01.03.2007 - 30.06.2009	324.837,00
61	03G0195A - TOTAL	SO 195 TOTAL: Untersuchung zum seismischen Risikopotential verursacht durch Erdbeben in Subduktionszonen	BMBF	Dr. Greve-meyer	01.04.2007 - 30.06.2010	407.808,00
62	03G192C MANGO - SO 192	SO 192 - MANGO: Marine Geowissenschaftliche Untersuchungen zum In- und Output der Kermadec Subduktionszone	BMBF	Prof. Kopp	01.01.2007 - 30.04.2009	237.086,00
63	Exupery	Verbundprojekt FW: EXUPERY; Vorhaben: Bnodenbasierte Gasfluss-Messungen-Sonderprogramm GEOTECHNOLOGIEN	BMBF	Dr. Hansteen	01.07.2007 - 30.10.2010	33.900,00
64	KALMAR, TP3A	KALMAR - Kurile-Kamchatka an Aleuten Marginal Sea-Island Systems:TP3A: Vulkanische und magnetisch Entwicklung der Kamchatka-Aleuten-Triple-Junction in Raum und Zeit	BMBF	Prof. Hoernle	01.10.2006 - 30.09.2009	212.246,00
65	METRO TP4 03G0604B	Verbundprojekt: GHII: METRO; Vorhaben: Teilprojekte 4 und 5: Methan und Methanhydrate im Schwarzen Meer: Strukturelle Analyse, Quantifizierung und Impakt eines dynamischen Methan-reservoirs	BMBF	Dr. Weinrebe	01.10.2004 - 31.12.2007	341.866,00
66	SO 186 -SeaCause I & II	SO 186 - SeaCause I & II	BMBF	Prof. Kopp	01.09.2005 - 30.09.2008	361.447,00
67	TEWS 03TSU01	Tsunami Frühwarnsystem zur Finanzierung von Ocean-Bottom-Unis	BMBF	Prof. Flüh	01.06.2007 - 31.03.2010	300.000,00
68	TEWS 03TSU01	Tsunami-Frühwarnsystem zur Finanzierung von Ocean-Bottom-Units	BMBF	Prof. Flüh	01.04.2005 - 31.03.2010	4.164.425,00

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
69	Nordsee Monitoring	Messungen und Auswertung der Veränderung im Sedimentskörper durch punktuelle Messsysteme zur Erfassung der Fluidpegel, ausströmende Fluide und Methanmessung, Autonome Aufzeichnung und Übertragung der Daten über Kabel, direkt an die angeschlossenen Landstationen	WTSH	Prof. Flüh	01.01.2006 - 31.12.2007	126.850,00
70	029080, THALES WAS RIGHT	Transients in the Hellenic and Antilles Loci of Earthquakes of European Subduction Water Activity Structure and Seismic Risk Illuminated by Geophysical High Technology	EU	Prof. Flüh	15.05.2006 - 14.04.2009	333.000,00
71	GO	Geophysical Oceanography - a new tool to understand the thermal structure and dynamics of oceans	EU	Prof. Reston	01.01.2006 - 31.12.2008	265.340,00
72	Intern. Underwater Acoustic	InterMare C	EU	Prof. Flüh	01.03.2006 - 31.12.2007	6.080,00
73	NOVAC - 18354 (GOCE)	Network for Observation of Volcanic and Atmospheric Change Specific Target Research Project	EU	Dr. Hansteen	01.10.2005 - 30.09.2009	79.200,00
74	SALVADORE Rita505322	Seismic Analysis of the Lithosphere Via Advanced processing techniques and access to Deep Ocean Recorders during the Exploration	EU	Prof. Flüh	01.01.2005 - 31.12.2008	682.666,00
75	GEUS, DK	Ausleihe von 25 OBS	GEUS	Prof. Flüh	01.05.2004 - 31.12.2008	101.119,00
76	Bereitstellung OBS	OBS Einsätze	Sonstige	Prof. Flüh	01.11.2006 - 31.12.2007	3.000,00
77	Meteor Cruise M73/2	Participation on Meteor Cruise M73/2 Mittel für Mob/DeMob	Sonstige	Dr. Petersen	01.08.2007 - 31.12.2007	24.000,00
						23.293.818,90

¹ Total Budget over the complete funding period

Central Facilities

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
1	A case study of a Miocene volcanic field in Sicily	Internal and external forcing o submarine diatremes: a case study of a Miocene volcanic field in Sicily	DFG	Prof. Schmincke	01.07.2007 - 30.06.2008	47.315,00
2	CLUSTER OH Allgemein	CLUSTER Overhead Allgemein	DFG	Prof. Herzig	01.01.2007 - 31.10.2011	906.750,00
3	CHN 06/14 Masterstudiengang 3 Folgeantrag	Durchführung eines gemeinsamen Masterstudienganges Meereswissenschaften unter Beteiligung der Universitäten Kiel und Bremen in Deutschland und der Ocean University of China, Qingdao	BMBF	Prof. Herzig	01.10.2006 - 30.09.2009	331.154,00
4	KDM/TEWS 03TSU01	Tsunami-Frühwarnsystem zur Finanzierung von Ocean-Bottom-Units	BMBF	Prof. Herzig	01.04.2005 - 31.12.2008	483.702,00
5	Masterstudiengang China CHN 04/Q18	Vorbereitung eines gemeinsamen Masterstudienganges Meereswissenschaften unter Beteiligung der Universitäten Kiel und Bremen in Deutschland und der Ocean University of China, Qingdao	BMBF	Prof. Herzig	01.11.2004 - 31.12.2007	194.395,00
6	Clathrat	Erdgasgewinnung aus natürlichen Gashydraten durch CO ₂ -Injektion in marine Sedimente	RWE-DEA Clathrat	Dr. Haeckel	01.10.2007 - 31.12.2010	1.075.000,00
7	Clathrat OV Herzig	Erdgasgewinnung aus natürlichen Gashydraten durch CO ₂ -Injektion in marine Sedimente	RWE-DEA Clathrat	Prof. Herzig	01.10.2007 - 31.12.2007	175.000,00
8	WND	WND- West Nil Delta	RWE-DEA WND	Dr. Brückmann	01.01.2007 - 31.12.2010	5.693.000,00
9	WND - Overhead	Energieprojekt - West Nil Delta Overhead	RWE-DEA WND	Prof. Herzig	01.04.2007 - 31.12.2010	290.000,00
10	WND - Overhead / Management	Energieprojekt - West Nil Delta Overhead/Management	RWE-DEA WND	Prof. Herzig	01.01.2007 - 31.12.2010	290.000,00
11	OHM 2007PN372	OHM, Research Agreement mit RWE DEA	RWE-DEA OHM	Dr. Jegen	01.06.2007 - 31.07.2007	170.740,00
12	Fluid- und Gasaustritte in der SDNS	Fluid- und Gasaustritte am Meeresboden der Südlichen Deutschen Nordsee (SDNS)	Wintershall SDNS	Dr. Linke	01.10.2007 - 30.09.2010	2.631.000,00
13	Fluid- und Gasaustritte in der SDNS OV Herzig	Fluid- und Gasaustritte am Meeresboden der Südlichen Deutschen Nordsee (SDNS)	Wintershall SDNS	Prof. Herzig	01.10.2007 - 30.09.2010	248.100,00
14	Fluid- und Gasaustritte in der SDNS OV Linke	Fluid- und Gasaustritte am Meeresboden der Südlichen Deutschen Nordsee (SDNS)	Wintershall SDNS	Dr. Linke	01.10.2007 - 30.09.2010	248.100,00
15	TIMBA	Towards the integration of multidisciplinary geophysical data in a shelf area - the Büsum-Nord area as an example	Wintershall TIMBA	Dr. Jegen	01.11.2007 - 31.10.2010	2.896.400,00
16	Untoxische Repellien	Unterstützung bei der Identifizierung von Substanzen aus marinen Organismen zur Verhinderung der Ahäsion von Mikroorganismen.	Sonstige Industrie	Prof. Wahl	01.05.2005 - 30.04.2007	84.000,00
17	Fokoop. Mexico 3.4Fokoop-DEU/1025202	Unterstützung der Institutspartnerschaft mit Prof. Siebe, Instituto Geofisica, Universidad Nacional Autonoma de Mexico, Coyoacan, Mexico	AvH	Prof. Schmincke	01.07.2007 - 30.06.2010	48.550,00

No.	Shorttitle/ Framework	Research Theme	Funding Agency	Lead PI	Funding Period	Budget (EUR) ¹
18	JAGO	Einnahmen aus Vercharterung JAGO	JAGO	Dr. Hissmann	01.07.2006 - 31.12.2049	198.000,00
19	Allgem. Forschungs- tätigkeiten		Sonstige	Prof. Herzig	01.01.2006 - 31.12.2049	10.000,00
20	CHN 06/14 Masterstudiengang	Durchführung eines gemeinsamen Masterstudienganges Meereswissenschaften unter Beteiligung der Universitäten Kiel und Bremen in Deutschland und der Oecan University of China, Qingdao	Sonstige	Prof. Herzig	01.10.2007 - 31.08.2008	15.070,00
21	Öffentlichkeitsarbeit TP 2	Filmprogramm Future Ocean Juni/Juli 2007 Gesamt 2.776,00 Eigenanteil 924,00	Sonstige	Dr. Hoffmann- Wieck	01.01.2007 - 31.12.2007	1.852,00
22	TLZ Messungen	Einnahme aus Messungen für KUM	Sonstige	Dr. Lentz / Dr. Pfannkuche	01.11.2006 - 31.12.2007	0,00
23	Unterst. wiss. Nachwuchs	Reisekostenzuschuss zur Fachtagung für S. Wahl und M. Müller	Sonstige	Prof. Herzig	01.12.2006 - 30.05.2007	3.000,00
24	Vulkanpark	Darstellung der bisherigen Gelände-und Laborarbeiten zur Aufstauung des Rheins während der Eruption des Laacher See Vulkans vor 12.900 Jahren.	Sonstige	Prof. Schmincke	01.08.2007 - 31.12.2007	3.000,00
						16.044.128,00

¹ Total Budget over the complete funding period

4. Ship Statistics & Expeditions

Table 4.1: Partners on IFM-GEOMAR research vessels, 2002-2007.

Pool partners are the AWI, the University of Hamburg and the IOW; national partners are all other public research institutes; barter cruises within the 'Tripartite Agreement', with the FWG, and on "LITTORINA" within the technical agreement with 3L-ELAC (since 2003). Student courses of Univ. Kiel; days for mobilization and demobilization included in total ship days; maintenance and shipyard separately.

Ship	User	Ship days used					
		2002	2003	2004	2005	2006	2007
"POSEIDON"	IFM-GEOMAR	85	61	95	88	14	68
	University of Kiel	43	0	0	0	0	0
	Pool partners	21	25	21	45	114	122
	National partners	29	56	59	25	35	0
	Barter cruises	0	45	59	23	82	11
	Charter cruises	64	43	40	50	37	20
	Transfer cruises	31	33	20	28	16	36
	Mob/demob	0	0	0	0	0	35
	Total ship days	273	263	294	259	298	292
	Maintenance						56
Days off						17	
"ALKOR"	IFM-GEOMAR	95	63	80	96	142	95
	University of Kiel	10	1	18	1	16	0
	Pool partners	21	53	57	61	17	56
	National partners	4	14	0	0	0	0
	Barter cruises	0	0	22	0	0	0
	Charter cruises	37	20	15	39	37	48
	Student courses	65	58	33	44	52	36
	Transfer cruises	0	0	2	4	3	4
	Mob/demob	0	0	0	0	0	33
	Total ship days	232	209	227	245	267	269
Maintenance						59	
Days off						34	
"LITTORINA"	IFM-GEOMAR	32	54	60	55	30	23
	University of Kiel	81	106	96	89	96	63
	Pool partners	7	0	0	0	3	0
	National partners	9	0	3	9	0	0
	Barter cruises	0	16	20	8	9	8
	Charter cruises	0	0	0	0	0	0
	Student courses	15	40	17	12	15	14
	Mob/demob	0	0	0	0	0	9
	Total ship days	128	216	196	173	153	117
	Maintenance						37
Days off						211	
"Polarfuchs"	IFM-GEOMAR	71	97	102	123	114	182
	University of Kiel	25	21	20	0	13	15
	Pool partners	0	0	0	0	15	4
	National partners	0	0	3	2	0	5
	Barter cruises	0	0	0	1	0	0
	Charter cruises	0	0	2	0	0	0
	Student courses	7	9	5	0	0	5
	Total ship days	103	127	132	126	142	211
	Maintenance						22
	Days off						132

Table 4.2: Major Expeditions 2007

Date	Vessel	Area	Project	PI
03.01. - 19.01.	MERIAN MSM04/2	Caribbean	TRAIL	Flueh
12.01. - 01.02.	SONNE SO191/1	SW Pacific	NEW VENTS	Bialas
18.01. - 05.02.	POSEIDON P347	Eastern Subtropical Atlantic	DFG Microstructures	Dengler
03.02. - 25.02.	SONNE SO191/2	SW Pacific	NEW VENTS	Linke
08.02. - 26.02.	POSEIDON P348	off Mauretania	SOPRAN	Bange
27.02. - 22.03.	SONNE SO 191/3	SW Pacific	NEW VENTS	Pfannkuche
25.03. - 22.04.	SONNE SO192/1	SW Pacific	MANGO	Koop
11.04. - 23.04.	ALKOR AL297	Baltic Sea	GLOBEC II	Schnack
12.04. - 04.05.	POLARSTERN ANTXXII/10	Trans Atlantic	MORE	Macke
26.04. - 10.05.	POSEIDON P350	Gulf of Cadiz	DFG Acoustic Oceanogr.	Krahmann
26.04. - 11.05.	METEOR M72/4	Black Sea	SFB574	Bialas
20.05. - 29.06.	SONNE 193	Central Pacific	MANIHIKI	Hoernle
22.05. - 03.06.	ALKOR AL299	Baltic Sea	GLOBEC II	Schnack
30.05. - 12.06.	MERIAN MSM05/2	Labrador Sea	ATLANTIK	Fischer
07.07. - 27.07.	ALKOR 302	Baltic Sea	SOPRAN	Riebesell
22.07. - 16.08.	SONNE	SW Pacific	ROV 6000 Sea Acceptance Test	Devey
01.08. - 13.08.	ALKOR 303	Baltic Sea	GLOBEC II	Schnack
21.08. - 26.09.	IVAN PETROV	Arctic Ocean	TRANSDRIFT XII	Kassens
14.08. - 30.08.	METEOR M73/2	Thyreanean Sea	SFB574	Petersen
14.09. - 03.10.	ALKOR 307	North Sea Shetlands	ICES	Schnack
01.12. - 20.12.	POSEIDON P362	Nile Delta	WND	Brückmann
03.12. - 03.01.	I'ATALANTE (ex MSM06/2)	Logachev Field	SPP1177	Petersen

Table 4.3: Days used by IFM-GEOMAR (chief scientists) on Global Ocean Research Vessels.

In 2007, 73 cruise days on RV MERIAN were cancelled due to technical problems; they were partly replaced by charter days on RV L'ATALANTE in 2007 (1 leg, 30 days) and in 2008 (3 legs, 71 days).

Research Vessel	Ship days used by IFM-GEOMAR		
	2005	2006	2007
POLARSTERN	30	0	24
METEOR	114	96	33
SONNE	57	51	140
MERIAN plan / conducted	not in service	80/80	104/32
Barter Ships	4	0	40
Charter Ships plan / conducted	16	0	0 / 30
Sum	221	227	341 / 299

5. Publications

5.1 Books (Authorship) (5)

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Lampert, W. and **Sommer, U.**, 2007: Limnology. The Ecology of Lakes and Streams. Oxford University Press, Oxford, UK, 2, 336 pp.

Latif, M., 2007: Herausforderung Klimawandel. - 2. aktualisierte Ausgabe von Hitzerekorde und Jahrhundertflut". Heyne, München, 159 pp.

Latif, M., 2007: Bringen wir das Klima aus dem Takt? Hintergründe und Prognosen. Fischer Verlag - (Hrsg.) Forum für Verantwortung, Frankfurt a.M., Die Zukunft der Menschheit, 255 pp.

Niebuhr, B., Hiss, M., Kaplan, U., Tröger, K.-A., **Voigt, S.**, Voigt, T., Wiese, F. and Wilmsen, M., 2007: Beitrag zur Stratigraphie von Deutschland: Lithostratigraphie der norddeutschen Oberkreide. Dt. Gesellschaft für Geowissenschaften, Hannover, Schriftenreihe der Deutschen Gesellschaft für Geowissenschaften, 55, 136 pp.

5.2 Books (Editorship) (2)

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Zhiguo, Y., Weihong, W., Wenying, L., Lantong, Z., Guorong, F., Taijun, H., Gengli, D., Tongwei, Y. and Ruobing, C., (Eds.), 2007: Pharmaceutical Analysis (sixth edition). People's Medical Publishing House, China, 526 pp.

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5.6 Electronic Publications (3)

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5.7 University Publications

PhD Thesis (16)

Agurto, C., 2007: Assessing mesozooplankton trophic levels in the Baltic Sea and North Sea: A stable isotope study. Dissertation, 135 pp.

Bischoff, A., 2007: Solid waste reduction of closed recirculated aquaculture systems by secondary culture of detritivorous organisms. Dissertation, 179 pp.

Bürk, D., 2007: Geoacoustic investigations of cold vents and sedimentary processes at the active continental margin offshore Nicaragua. Dissertation, 179 pp.

Dorador, C., 2007: Microbial communities in high altitude altiplanic wetlands in northern Chile: phytoecology, diversity and function. Dissertation, 166 pp.

Ehlers, A., 2007: The role of genotype diversity within seagrass populations of the Baltic Sea. Dissertation, 81 pp.

Hauschildt, H., 2007: Atmospheric liquid water and water vapour under all-sky conditions. Dissertation, 174 pp.

Hetzinger, S., 2007: Stable oxygen isotopes and Sr/Ca-ratios in modern *Diploria strigosa* corals from different sites in the Caribbean Sea - evaluation of a new climate archive for the tropical Atlantic. Dissertation, 119 pp.

Hoffmann, L., 2007: Adaptation strategies of Antarctic phytoplankton to persistent iron limitation. Dissertation, 120 pp.

Jaschinski, S., 2007: Effects of Mesograzers in Eelgrass Communities. Dissertation, 104 pp.

Kim, O.-S., 2007: Diversity of Functional Genes in the Aquatic Nitrogen Cycle. Dissertation, 154 pp.

Neumann, V., 2007: Biologische Untersuchungen zur Cephalopoden-Fauna von Grönland. Dissertation, 115 pp.

Orellana, J., 2007: Identification and quantification of suspended solids and their effects in modern marine recirculation systems. Dissertation, 230 pp.

Perez, W., 2007: Basaltic Plinian and violent Surtseyan eruptions from the Masaya Caldera Complex, Nicaragua. Dissertation, 194 pp.

Perner, M., 2007: Comparison of Microbial Communities Inhabiting Ultramafic- and Basalt-Hosted Hydrothermal Systems: Genetic Characterization of 16S rRNA Genes, Hydrogen Oxidation and CO₂ Fixation Pathways. Dissertation, 150 pp.

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Rohde, S., 2007: Defense induction in marine macroalgae: Its prevalence, capabilities and limitations. Dissertation, 106 pp.

Diploma Theses (26)

Appelhans, Y. S., 2007: The influence of environmental stress on the fitness of Brazilian macroalgae. Diplomarbeit im Rahmen von GAME, Universität Kiel, 81 pp.

Brunn, W., 2007: Die Minimumtemperatur in der tropischen Tropopausenschicht in Nordhemisphärischen Wintern von 1957 bis 2006. Diplomarbeit, 123 pp.

Burkert, C., 2007: Geological evolution of the Xilola Maar, Chiltepe peninsula, Nicaragua. Diplomarbeit, 105 pp.

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Fiedler, B., 2007: Verbesserung der Auswertalgorithmen und Felderprobung eines UV-basierten Nitratsensors, Diplomarbeit, 93 pp.

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Gaál, Á., 2007: Thermohaline Strukturen eines reflexionsseismischen Datensatzes vor der Sunda-Straße. Diplomarbeit, Universität Kiel, 83 pp.

Heinemann, A., 2007: Untersuchungen zur Eignung von *Mytilus edulis* als Proxyarchiv, Diplomarbeit, Universität Kiel, 62 pp.

Hielscher, N., 2007: Einfluss der Nahrung auf die Fettsäure- und Isotopensignatur des Gemeinen Tintenfisches, *Sepia officinalis*. Diplomarbeit, 89 pp.

Hummels, R., 2007: Bestimmung räumlicher und zeitlicher Dekorrelationskalen basierend auf verschiedenen Datensätzen im Nordatlantik. Diplomarbeit, 74 pp.

Jansen, M., 2007: Simple Conceptual Models for Tropical Ocean-Atmosphere Interactions on Interannual Timescales. Diplomarbeit, 95 pp.

Kock, A., 2007: Methane measurements in selected ocean areas: Eastern tropical North Atlantic Ocean and southwestern Labrador Sea, Diplomarbeit, 106 pp.

Kriegisch, N., 2007: Beeinflusst Umweltstress die Verteidigungsfähigkeit von marinen Makroalgen gegen Fraß und Aufwuchs? Diplomarbeit im Rahmen von GAME, Universität Kiel, 85 pp.

Marohn, L., 2007: Differenzielle Genexpressionsanalyse nach PCB-Belastung beim Europäischen Aal (*Anguilla anguilla*). Diplomarbeit, 75 pp.

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Meyer-Klaeden, O., 2007: Vertikale und horizontale Verteilungsmuster der Zooplanktongemeinschaften am Senghor-Seeberg (Kapverdische Inseln). Diplomarbeit, 86 pp.

Müllerwiebus, M., 2007: Fruchtbarkeitsanalysen an Dorschen der zentralen Ostsee, methodische Ansätze und potentielle Beiträge zur Analyse der Bestandsentwicklung. Diplomarbeit, 37 pp.

Neumann, U., 2007: The influence of heat and freshwater fluxes on convective activity in the Central Irminger Sea. Diplomarbeit, 53 pp.

Nuß, P., 2007: Measurement of ¹⁵N in nitrate samples using gas chromatography-isotope ratio mass spectrometry, Diplomarbeit, 89 pp.

Oettmeier, C., 2007: Influence of seawater acidification on larvae of the European flat oyster *Ostrea edulis*, Diplomarbeit, 75 pp.

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Stransky, J., 2007: Die Bedeutung hydrographischer Veränderungen für die zeitliche Entwicklung des Fischlarven- und Evertebratenplanktons in der Kieler Förde. Diplomarbeit, 71 pp.

Wilken, S., 2007: Veränderung im Fe- und Si-Haushalt bei Diatomeen unter Fe-Limitierung. Diplomarbeit, 84 pp.

6. Scientific & Public Presentations

6.1 Invited Presentations

- Augustin, N.:** Alteration Processes at the LogatchevHydrothermal field: REE, HFSE and Isotope Signatures as Tracers for Water/Rock and Melt/Rock interaction. 97th Annual Meeting of the Geologische Vereinigung (GV) and International Conference: The Oceans in the Earth System, Bremen, 04.10.2007
- Bange, H.W.:** Nitrous oxide and methane in coastal areas, COST Action 735 Meeting, Brussels, Belgium, 30.05.2007
- Bange, H.W.:** Measurements of VOCs and nitrous oxide/methane, Univ. East Anglia, Norwich, UK, 19.06.2007
- Bange, H.W.:** Trace gas (CO₂, N₂O, CH₄) measurements in the eastern tropical North Atlantic Ocean, COST Action 735 Meeting, Brussels, Belgium, 16.10.2007
- Bauch, H.:** Apple or Orange? - Validity check of MIS 11 as climate analogue. INQUA-Morss Workshop on MIS 11, Woods Hole, USA, 29.-31.01.2007
- Bauch, H.:** Reconstructing the late Quaternary history of the North Eurasian margin: Present status and future perspectives. Workshop in Arctic Natural Climate Change, Tromsø, Norway, 12.11.2007
- Bauch, H.:** A key case for Quaternary paleoclimatology: The Eemian controversy in the Arctic. First Conference on Arctic Palaeoclimate and its Extremes (APEX), Stockholm, Sweden, 29.03.2007
- Behrmann, J.H.:** Rapid sedimentation, overpressure and continental margin stability in the Gulf of Mexico. EGU General Assembly, Vienna, Austria, 19.04.2007
- Behrmann, J.H.,** Kukowski, N., Krawczyk, C.M., Rietbroek, A., Schilling, F. and the TIPTEQ Research Group: Changing material properties across the south central Chile forearc and impact on seismogenic zone behaviour. EGU General Assembly, Vienna, Austria, 18.04.2007
- Behrmann, J.H.:** Wie stabil ist der Kontinentalhang – vor dem Mississippi-Delta? University of Bonn, Bonn, 08.02.2007
- Behrmann, J.H.:** Wie stabil ist der Kontinentalhang – vor dem Mississippi-Delta? University of Hamburg, Hamburg, 24.05.2007
- Behrmann, J.H.:** Wie stabil sind Kontinentalhänge? University of Salzburg, Salzburg, Austria, 18.10.2007
- Biastoch, A. and Böning, C.W.:** Mechanismen interannueller und dekadischer Schwankungen der Meridionalen Umwälzbewegung im Nordatlantik. DACH 2007 Meteorologentagung, Hamburg, 11.09.2007
- Böning, C.W.:** Decadal changes in subpolar gyre transport: Mechanisms and repercussions for the mid-latitude MOC. CLIVAR North Atlantic Subpolar Gyre Workshop, Kiel, 19.03.2007
- Böning, C.W.** and Gerdes, R.: Surface forcing of ocean circulation models. CLIVAR Workshop on Numerical Methods in Ocean Models, Bergen, Norway, 23.08.2007
- Böning, C.W.:** Issues of ocean model hindcasts with inter-annually varying forcing. Joint WGOMD/SOPHOLLES meeting, Bergen, Norway, 25.08.2007
- Brandt, P.:** Circulation and deep water export of the subpolar North Atlantic during the 1990s. North Atlantic Subpolar Gyre Workshop, Kiel, 19.03.2007
- Clemmesen-Bockelmann, C.,** Buckley, L.J, and Caldarone, E.M.: A multi-species growth model based on fluorometrically derived RNA/DNA ratios and temperature: results from a meta-analysis. Larval Fish Conference, St. John's, Newfoundland, Canada, 12.07.2007
- Clemmesen-Bockelmann, C.:** Biochemical indicators for the determination of nutritional condition and growth in larval fish. Aarhus, Denmark, 19.06.2007
- Croot, P.L.:** Dust effects on the ocean and identification and quantification of recent dust deposition to the ocean. QUEST workshop: Dust Records on Glacial-Interglacial Timescales, Exeter, UK, 15.-17.11.2007
- Croot, P.L.:** Patagonian dust influence on the Southern Ocean - Observations at Sea (Past and Future). Multidisciplinary workshop on Southern South American Dust, Puerto Madryn, Argentina, 03.-05.10.2007
- Dengg, J.:** NaT-Working Meeresforschung. 6. NaT-Working Symposium der Robert-Bosch Stiftung, Berlin, 23.10.2007
- Dengler, M.:** Direct velocity measurements of the subpolar western boundary current. North Atlantic Subpolar Gyre Workshop, Kiel, 20.03.2007
- Dommenget, D.:** How to detect Climate Modes? EGU General Assembly, Vienna, Austria, 17.04.2007
- Duggen, S.:** Pb-isotope ratios across the transition zone of ca. 15 Ma oceanic crust from the Cocos Plate, Eastern Pacific (Leg 309, Site 1256): Implications for Pb-cycling in the Earth` crust and mantle. IODP-Meeting, Tokyo, Japan, 13.06.2007
- Dullo, W.-C.:** Coldwater Coral Reefs along the European Continental Margin. XVII. Internationale Wissenschaftliche Konferenz (School) für Marine Geologie "Geologie der Meere und Ozeane", Moscow, Russia, 12.-16.11.2007
- Eden, C.:** Towards a parameterisation for mesoscale eddies. 39th Liège Colloquium on Ocean Dynamics, Turbulence re-revisited, Liège, Belgium, 10.05.2007
- Ehlers, A.:** Die Rolle genotypischer Diversität innerhalb von Seegrasspopulationen der Ostsee. Universität Köln, Köln, 09.11.2007
- Eisenhauer, A.:** The influence of ocean acidification on marine calcifying organism: evidence from traditional and non-traditional isotope systems. Thermo-Fisher, Bremen, 25.10.2007
- Eisenhauer, A.:** Der Tholeit - Ein Stein und sein Ort. Tholey, 08.07.2007
- Eisenhauer, A.:** Isotopenfraktionierung divalenter Kationen (Ca, Sr, Mg) bei der Fällung von Calciumcarbonat. Ludwig-Maximilians-Universität, München, 28.03.2007
- Eisenhauer, A.:** Ocean Water History: Calcium Isotopes reveal ocean water chemistry throughout time. Ehrenkolloquium Prof. B. Hansen, Göttingen, 07.11.2007
- Frank, M.:** Tracing Past Ocean Circulation and Continental Weathering with Radiogenic Isotopes. Institutsseminar CRPG, Nancy, France, 08.03.2007

- Frank, M.:** Tracing Ocean Circulation and Continental Weathering with Radiogenic Isotopes. Institutsseminar, Geologisches Institut, Universität Strasbourg, Strasbourg, France, 20.03.2007
- Frank, M.:** The importance of Constant Flux proxies in Paleoceanography. 17th Goldschmidt Conference 2007, Köln, 24.08.2007
- Frank, M.:** Beryllium-Isotope als Tracer in der (Paläo)Ozeanographie und Paläomagnetik. 1. Nutzerworkshop für 6MV Hochleistungs-Beschleuniger Massenspektrometer, Köln, 09.11.2007
- Frank, M.:** Natürliche Radionuklide als Tracer im rezenten Ozean und in der Paläozeanographie. Institutsseminar Mineralogisches Institut, Universität Hannover, Hannover, 03.12.2007
- Freing, A.:** A global oceanic nitrous oxide database. Geochemical Luncheon Club, School of Environmental Sciences, University of East Anglia, UK, 11.12.2007
- Froese, R.:** FishBase: Global Databank and Tool. Conference on Research in Aquatic Science Disciplines, Neu Wulmstorf, 09.06.2007
- Froese, R.:** FishBase: Lessons Learned. The One Million Species Catalogue of Life Symposium, Reading, UK, 29.03.2007
- Froese, R.:** The Research in FishBase. Chinese Academy of Fisheries Science (CAFS), Beijing, China, 27.02.2007
- Froese, R.:** Life-history Strategies of Fishes. Seminar Series of the Marine Science Institute, University of the Philippines, Quezon City, Philippines, 22.02.2007
- Froese, R.:** Recent Trends in Global Fisheries. SEARCA Seminar Series, Los Baños, Laguna, Philippines, 13.02.2007
- Froese, R.:** Key components and urgent needs of the global species information system. 1st GSIS workshop, Kiel, 11.12.2007
- Froese, R.:** Goodbye, K., and Welcome, M.: The Interrelationship between life span, growth and reproduction. Plenary Keynote at the XXII European Congress of Ichthyology, Cavtat, Dubrovnik, Croatia, 10.09.2007
- Geldmacher, J., Martens, U., **Hoernle, K., Hauff, F., van den Bogaard, P.** and Kluegel, A.: Geochemical Constraints on the pre-Cenozoic Subduction History of two Margins of the Chorotis Block (Northern Central America). AGU Fall Meeting, San Francisco, USA, 10.-14.12.2007
- Grevemeyer, I.: The September 12, 2007 Sumatran earthquake sequence: tamed reoccurrence of the Great 1833 event or worse quake to come? 97th Annual Meeting of the Geologische Vereinigung (GV) and International Conference: The Oceans in the Earth System, Bremen, 01.-05.10.2007
- Hansteen, T.:** Mantle magma chambers beneath Gran Canaria. 17th Goldschmidt Conference 2007, Köln, 20.08.2007
- Hansteen, T., Freundt, A.** and **Kutterolf, S.:** Estimating magma flux rates into the Central American Volcanic Arc (CAVA) using regional SO₂ fluxes from quiescently degassing volcanoes. US-MARGINS/SFB574 Workshop, San Jose, Costa Rica, 18.-22.06.2007
- Hauff, F.** and **Werner, R.:** R/V Sonne cruise SO193 MANIHIKI - Temporal, spatial and tectonic evolution of oceanic plateaus. University of the South Pacific, Faculty of Islands and Oceans, School of Marine Studies, Suva, Fiji, 18.05.2007
- Heydolph, K., Hoernle, K., Hauff, F.** and **van den Bogaard, P.:** Continental crust as a source component for NW Central American arc lavas? 17th Goldschmidt Conference 2007, Köln, 19.-24.08.2007
- Heydolph, K., Hoernle, K., Hauff, F., van den Bogaard, P.** and **Sadofsky, S.:** Potential source components for NW Central American Arc lavas. 20th Colloquium on Latin American Earth Sciences, Kiel, 11.-13.04.2007
- Heydolph, K., Hoernle, K., van den Bogaard, P.** and **Hauff, F.:** Source components for NW Central American Volcanic Arc lavas. 97th Annual Meeting of the Geologische Vereinigung (GV) and International Conference: The Oceans in the Earth System, Bremen, 01.-05.10.2007
- Heydolph, K., Hoernle, K., van den Bogaard, P.** and **Hauff, F.:** Crustal source components for NW Central American Volcanic Arc lavas. SubFac-SEIZE Workshop, Heredia, Costa Rica, 18.-22.06.2007
- Hinrichsen, H.-H.:** Coupled processes between physics and biology, ECONORTH-Symposium, Tromsø, Norway, 14.03.2007
- Hoernle, K.:** Volatiles and fluids in subduction zones: climate feedback and trigger mechanisms for natural disasters an overview of the activities of SFB 574. 20. 20th Colloquium on Latin American Earth Sciences, Kiel, 11.-13.04.2007
- Hoernle, K.:** An Overview of the Activities of SFB 574: Volatiles and Fluids in Subduction Zones with Implications for Climate Feedback and Trigger Mechanisms for Natural Disasters. SubFac-SEIZE Workshop, Heredia, Costa Rica, 18.-22.06.2007
- Hoernle, K.:** Scientific Highlights of SFB 574 (Volatiles and Fluids in Subduction Zones). 97th Annual Meeting of the Geologische Vereinigung (GV) and International Conference: The Oceans in the Earth System, Bremen, 01.-05.10.2007
- Hoernle, K., Heydolph, K., Sadofsky, S., Lissina, B., Hauff, F., van den Bogaard, P.** and **Nichols, H.:** The origin of spatial and temporal geochemical variations in the Central American Volcanic Arc. AGU Fall Meeting, San Francisco, USA, 10.-14.12.2007
- Hoernle, K., Portnyagin, M., Wehrmann, H., Heydolph, K., Kutterolf, S., Freundt, A., Abt, D., Fischer, K., Grevemeyer, I., Ivandic, M., Rabbel, W., Thorwart, M.** and **Dinc-Akdogan, N.:** An overview of Volatile and Isotopic variations along the Central American Volcanic Front. AGU Fall Meeting, San Francisco, USA, 10.-14.12.2007
- Hoernle, K., Werner, R., van den Bogaard, P., Hauff, F., White, J., Mortimer, N.** and **Timm, C.:** Detachment als Auslöser des diffusen känozoischen Vulkanismus auf den neuseeländischen Mikrokontinent Zealandia: Ein neues Modell zur Ursache von Intraplattenvulkanismus. SONNE Statusseminar, IFM-GEOMAR, Kiel, 14.-15.02.2007
- Hügler, M.:** Beyond the Calvin cycle: Autotrophic CO₂ fixation in marine microorganisms. Symposium: Unique biochemical capabilities of aquatic microorganisms, MPI für Marine Mikrobiologie, Bremen, 20.02.2007
- Imhoff, J.F.:** Life at hydrothermal vents - What do we know about it? Symposium: Biodiversity and Genetic Resources of the Deep Sea, Internationaler Seegerichtshof, Hamburg, 29.09.2007
- Keenlyside, N., Latif, M., Jungclaus, J., Kornblueh, L.** and **Roeckner, E.:** Forecasting North

Atlantic Decadal Climate Variability. EGU General Assembly, Vienna, Austria, 16.04.2007

Keenlyside, N., Omrani, N.-E., Krüger, K. and Latif, M.: Decadal prediction: An initial/boundary value problem. SPARC SSG Meeting, Bremen, 19.09.2007

Körtzinger, A.: Oxygen the oceanographers canary bird of climate change - or when chemical oceanography comes full circle. University of Montana, Department of Chemistry Seminar Series, University of Montana, Missoula, Montana, USA, 23.04.2007

Körtzinger, A.: O₂ measurements from profiling floats towards an ARGO Oxygen Program. Statusseminar ARGO Deutschland, Hamburg, Bundesamt für Seeschifffahrt und Hydrographie, Hamburg, 26.11.2007

Körtzinger, A.: CO₂, O₂, N₂O from tropical upwelling regions. UKSOLAS/QUEST/ACCENT Cape Verde Observatory workshop: Integrated, long-term ocean-atmosphere observations in the tropical Atlantic, São Vicente, Cape Verde, 08.01.2007

Krüger, K. and Manney, G.: The exceptional NH winter 2005/06. Institut für Atmosphärenphysik, Kühlungsborn, 12.07.2007

Krüger, K.: Ozon und UV: Eine Fallstudie zu dem Niedrigozonereignis im Mai 2005 über Sylt. Meteorologisches Kolloquium, Universität Hannover, Hannover, 22.11.2007

Kuhn, T.: ROV Kiel 6000. SPP 1144 Workshop, Etelsen, 27.06.2007

Lackschewitz, K.: AUV für Rückenforschung. SPP 1144 Workshop, Etelsen, 27.06.2007

Latif, M.: The Climate of the 21st Century. 42nd European Marine Biology Symposium (EMBS), Kiel, 27.08.2007

Lehmann, A.: Hydrodynamic modelling of the Baltic Sea with respect to EMAPS results. EMAPS Workshop, Finnish Institute of Marine Research, Helsinki, Finland, 11.12.2007

Malzahn, A.M., Aberle, N., **Petereit, C., Clemmesen-Bockelmann, C., Schoo, K., Hantzsche, F., Boersma, M.:** Differential effects of nutrient-limited primary production on larval fish and hydromedusae condition. 42nd European Marine Biology Symposium (EMBS), Kiel, 28.08.2007

Manney, G.L., **Krüger, K., Santee, M.L., Schwartz, M.J., Polavarapu, S., Ren, S., Hoppel, K., Coy, L., Pawson, S., Strawbridge, K.B., Daffer, W.H. and Livesey, N.J.:** Polar Stratopause and Tropopause Evolution: Implications for Assimilated Analyses. SPARC data assimilation workshop, Toronto, Canada, 06.09.2007

Molinero, J.C.: Northern Hemisphere climate impact on the pelagic ecosystem of the western Mediterranean. Annual Meeting of the Program Cooscillations of the sea and atmosphere important for the Adriatic ecosystem, Institute of Oceanography and Fisheries, Croatia, 26.10.2007

Omrani, N.-E.: Dynamics of the troposphere-stratosphere coupling. Department of Applied Mathematics and Theoretical Physics, Cambridge, UK, 02.03.2007

Oschlies, A.: Global impact on pCO₂-sensitive increases in carbon export and nitrogen fixation. EGU General Assembly, Vienna, Austria, 20.04.2007

Peck, M.A., Kühn, W., **Clemmesen-Bockelmann, C., Nielsen, M., Hinrichsen, H.-H., Huwer, B., Pohlmann, T., and Voß, R.:** Larval fish and their food at fronts: Combining *in situ*

measurements and individual-based modelling to understand trophic interactions in the German Bight (southern North Sea). 42nd European Marine Biology Symposium (EMBS), Kiel, 28.08.2007

Perez, W., Freundt, A. and Kutterolf, S.: Stratigraphic geochemical variations of the youngest explosive Masaya caldera complex tephros. US-MARGINS/SFB574 Workshop, San Jose, Costa Rica, 18.-22.06.2007

Petersen, S.: Shallow drilling of hydrothermal sites in the Atlantic using the new lander-Type Rockdrill 2. DGG-Tagung, Aachen, 29.03.2007

Petersen, S.: Hydrothermal systems of the modern ocean floor: Are they a mineral resource of the 21. Century. Russian Ridge, Moscow, Russia, 05.06.2007

Petersen, S.: Ergebnisse MSM 03/2. SPP 1144 Workshop, Etelsen, 26.06.2007

Petersen, S.: Rohstoffe im Meer und ihre zukünftige Nutzung. Jahrestagung der Vereinigung. Rohstoffe und Bergbau, Berlin, 19.09.2007

Petersen, S.: Co-enrichment of AU and SN in ultramafic-hosted hydrothermal systems: the Logatchev case. 97th Annual Meeting of the Geologische Vereinigung (GV) and International Conference: The Oceans in the Earth System, Bremen, 04.10.2007

Piatkowski, U.: Mar-ECO Integration of different methods to study patterns and changes along the Mid-Atlantic Ridge. MarBEF General Assembly-Science Meeting, Institute of Oceanography, Sopot, Polen, 14.05.2007

Piatkowski, U.: MARBEF course on Identification of marine macrozooplankton & micronekton: Cephalopods., Espesgrend Station, Bergen, Norway, 11.06.2007

Piatkowski, U.: Ozeanische Tintenfische ökologische und ökonomische Bedeutung. Bundesforschungsanstalt für Fischerei, Hamburg, 08.10.2007

Piatkowski, U.: Seamounts als Ökosysteme. Seamount Workshop, Fachbereich Geowissenschaften, Universität Bremen, Bremen, 15.03.2007

Portnyagin, M.: Sulfur in magmatic processes: an outlook from melt inclusions studies. "Sulfur in Glasses and Melts" International Workshop, Hannover, 01.-02.03.2007

Portnyagin, M., Mironov, N., Sadofsky, S., Hoernle, K. and van den Bogaard, P.: Melt inclusions, volatiles and their fluxes in Central America. LAK 2007: Workshop to Integrate Subduction Factory and Seismogenic Zone Studies in Central America: SubFac-SEIZE Workshop, Heredia, Costa Rica, 18.-22.06.2007

Riebesell, U., 2007 Consequences of ocean acidification. Carbon storage under the Seafloor, Symposium Kiel, 20.11.2007

Riebesell, U.: Ocean acidification: The other CO₂ problem. CLIMAQS Masterclass, Amsterdam, The Netherlands, 01.11.2007

Riebesell, U.: Plankton stoichiometry and ocean change. CLIMAQS Symposium "Effects of climate change on aquatic ecosystems: a stoichiometric perspective", Amsterdam, The Netherlands, 31.10.2007

Riebesell, U.: Biological consequences of OA and future research needs, the German national programme. NERC Strategy Workshop on Ocean Acidification, Swindon, UK, 30.10.2007

Riebesell, U.: Pelagic mesocosms for fu-

- ture ocean simulations. NSF-NOAA- OCB Ocean Acidification Workshop, La Jolla, USA, 07.-09.09.2007
- Riebesell, U.:** Ocean acidification: curse or blessing? 42nd European Marine Biology Symposium, Kiel, 27.-31.08.2007
- Riebesell, U.:** What are the maximum impacts of projected environmental changes on marine biology and the carbon cycle? Evidence from laboratory and mesocosm experiments. IOC-UNESCO Symposium "Surface Ocean CO₂ Variability and Vulnerability Workshop", Paris, France, 11.-14.04.2007
- Schmincke, H.-U.:** The impact of large volcanic eruptions on climate. Nihon University, Tokyo, Japan, 03.12.2007
- Schmincke, H.-U.:** Vulkanologie quo vadis. Universität Frankfurt, Fachbereich Geowissenschaften, Frankfurt, 01.02.2007
- Schmincke, H.-U.:** Present and future problems in volcanology. Dept. Earth Sciences, Univ. Geneva, Geneva, Switzerland, 19.10.2007
- Schmincke, H.-U.:** Canary Islands: Evolution of an oceanic island archipelago. Universität Mainz, Fachbereich Geowissenschaften, Mainz, 10.05.2007
- Schmincke, H.-U.:** Die Eruption des Laacher See Vulkans. Festvortrag 20 Jahre Deutsche Vulkanologische Gesellschaft, Mendig, 12.05.2007
- Schmincke, H.-U.:** Klima und Vulkane. Extremwetterkongress, Hamburg, 23.03.2007
- Schmincke, H.-U.:** Vulkan-Magmasysteme: external und internal forcing. Festvortrag 50 Jahre Geologischer Dienst, Krefeld, 15.03.2007
- Schneider, J.:** GasQuant - a hydroacoustic gas bubble monitoring system. University of Victoria, Victoria, Canada, 15.05.2007
- Schneider, J., Linke, P., Greinert, J. and Rehder, G.:** Fate of Methane. CONTROS, Kiel, 26.09.2007
- Sommer, U.:** The biological future of the ocean. Universität Konstanz, Konstanz, 19.01.2007
- Sommer, U.:** Ocean Biology Changes in the Anthropocene. Universität Salzburg, Salzburg, Austria, 19.10.2007
- Sommer, U.:** The impact of climate change on the spring succession of Baltic sea plankton: An overview of the AQUASHIFT mesocosm experiments. Alfred-Wegener-Institut - Außenstelle Helgoland, Helgoland, 02.03.2007
- Sommer, U.:** Mnemiopsis-Invasion in Nord- und Ostsee: Gefahren Perspektiven Forschungsbedarf. Symposium "Aktuelle Probleme der Meeresumwelt", BSH, Hamburg, 23.04.2007
- Stipp, M.:** Crystal plastic deformation of quartz in nature and experiment: A very last update!. Erdwissenschaftliches Kolloquium, Basel, Switzerland, 05.12.2007
- Timm, C., Hoernle, K., Hauff, F., van den Bogaard, P., White, J. and Weaver, S.:** The Origin of Intraplate Volcanism in New Zealand. Physics of Geological Processes, Univ. of Oslo, Oslo, Norway, 22.03.2007
- Timm, C.:** Crustal Assimilation versus Mantle Melts in Lavas From Banks Peninsula, NZ. EGU General Assembly, Vienna, Austria, 19.04.2007
- Visbeck, M.:** The Southern Ocean's response to Southern Annular Mode Forcing. Alfred-Wegener-Institut, Bremerhaven, 24.01.2007
- Visbeck, M.:** Observed Southern Ocean response to Southern Annular Mode Forcing. Southern Annular Mode Workshop, Adelaide, Australia, 08.02.2007
- Visbeck, M.:** Interannual to decadal climate variability and change in the Atlantic Sector, a challenge for observations and models. Ocean Controls in Abrupt Climate Change, ESF Research Conference, Obergurgl, Austria, 21.05.2007
- Visbeck, M.:** Prospects for Sustained Ocean Observations in Germany and Europe. Climate Observation Division Annual System Review Conference, Silver Spring, USA, 05.06.2007
- Visbeck, M.:** Open Ocean Shelf Interactions: One tale from each hemisphere. Sino-German Summer School, Büsum, 26.07.2007
- Visbeck, M.:** Climate Variability and Change in the Atlantic Sector: A Challenge for observations and models. 2nd International Conference on Earth System Modelling, Hamburg, 27.08.2007
- Visbeck, M.:** The Future Ocean' generating ocean and climate information for decision makers. DNV Annual Conference, M.S. Color Magic, Kiel - Oslo, 13.11.2007
- Visbeck, M.:** Ocean Observations in the North Eastern Tropical Atlantic in support of Oxygen Minimum Zone and Climate Research. 2nd International AMMA Conference, Karlsruhe, 26.11.2007
- Voigt, S.:** Quantifizierung eustatischer Meeresspiegelschwankungen am Beispiel der Klippenfazies von Coschütz. Festkolloquium zum 75. Geburtstag von Karl-Armin Tröger, Freiberg, 18.01.2007
- Voigt, S., Aurag, A., Leis, F. and Kaplan, U.:** Cretaceous high-resolution carbon isotope stratigraphy: a tool to decipher orbitally forced changes in the global carbon cycle? EGU General Assembly, Vienna, Austria, 17.04.2007
- Voigt, S.:** Randmarine sedimentäre Systeme als Archiv für den Paläoklimawandel. Vortrag im Rahmen der Neubesetzung der W2 Professur für Sedimentologie, Fakultät für Physik und Geowissenschaften, Universität Leipzig, Leipzig, 10.07.2007
- Wahl, M.:** Complex defenses: multiple systems, dynamics and variability, Tagung: "Ecologie Chimiques Marine: Indicateurs de biodiversité et valorisation", Nice, France, 04.04.2007
- Wahl, M.:** Direct and indirect impacts of global change on benthic communities. Tagung: "Global changes and extreme phenomena in the Baltic Sea", Gdansk, Polen, 20.09.2007
- Wahl, M.:** Complex defenses. MARICE - Marine Chemical Ecology, Tjärnö, Sweden, 01.11.2007
- Wallace, D.W.R.:** The Tropical Eastern North Atlantic Time-Series Observatory, at the ACCENT / EuroOCEANS workshop on Integrated, long term ocean-atmosphere observations in the Tropical Atlantic, Mindelo, Cape Verde, 08.01.2007
- Wallace, D.W.R.:** Sun, Sea and Dust: SOLAS in the Tropics, International SOLAS Conference, Xiamen, China, 09.03.2007
- Wallace, D.W.R.:** Introduction to SOPRAN, SOPRAN Kickoff Meeting, Kiel, 15.03.2007
- Wallace, D.W.R.:** Ocean carbon uptake: status report and open questions, North Atlantic Sub-Polar Gyre Meeting, Kiel, 19.03.2007
- Wallace, D.W.R.:** Ocean Carbon Inventory and Storage: CARBOOCEAN Theme 2 Annual Report, CARBOOCEAN Annual Meeting, Bremen,

04.12.2007

Wallmann, K.: Gashydrate und CCS, DMG, Aachen, 12.03.2007

Wallmann, K.: Gashydrate, BDG, Bonn, 09.10.2007

Wallmann, K.: Gashydrate, 5. Deutscher Geologentag, Bonn, 10.11.2007

Wallmann, K.: Gashydrate und CCS, FU Berlin, Berlin, 15.11.2007

Weinberger, F.: Defence regulation in macroalgae. Fourth European Phycological Congress, Oviedo, Spanien, 24.07.2007

Weldeab, S., Lea, D.W., Schneider, R.R. and Andersen, N.: 155,000 years of West African monsoon and ocean thermal evolution. PAGES-IMAGES-NSF Workshop, Trins, Austria, 30.05.-02.06.2007

Willebrand, J.: Klimaentwicklung im 20. und 21. Jahrhundert. Technische Universität Braunschweig, 03.05.2007

Zillmer, M.: The quantification of gas hydrate and methane gas in marine sediments. Invited Talk, Strasbourg, Institut de Physique du Globe de Strasbourg, France, 18.01.2007

6.2. Scientific Presentations (292)

Aloisi, G., **Wallmann, K.**, Tishchenko, P., **Haeckel, M.**, Pavlova, G., Greinert, J. and **Eisenhauer, A.:** A possible long-term CO₂ sink through submarine weathering of detrital silicates. Sonne Statusseminar, IFM-GEOMAR, Kiel, 14.-16.02.2007

Andersson, P.S., Porcelli, D., **Frank, M.**, Björk, G., Dahlqvist, R. and Gustafsson, Ö.: The sources of Nd isotopes in Arctic Ocean water. 17th Goldschmidt Conference 2007, Köln, 23.08.2007

Backman, J., Jakobsson M., **Frank, M.**, Sangiorgi, F., Brinkhuis, H., Sluis, A., Stickley, C. and Gattacecca, J.: Age/Depth relationships for the ACEX sedimentary section recovered from the Lomonosov Ridge. First Conference on Arctic Palaeoclimate and its Extremes (APEX), Stockholm, Sweden, 29.03.2007

Bange, H.W.: Nitrous oxide and hydroxylamine in the eastern tropical NE Atlantic Ocean, EGU General Assembly 2007, Vienna, Austria, 20.04.2007

Barcelos e Ramos, J., Biswas, H., **Schulz, K. G., LaRoche, J., Riebesell, U.:** Effect of rising atmospheric carbon dioxide on the marine nitrogen fixer *Trichodesmium*. 42nd European Marine Biology Symposium, Kiel, 27.-31.08.2007

Bauch, H.: Vergangene Warmzeiten und das Klima der Zukunft: Die Nordpolarregion als Fallstudie. Akademie der Wissenschaften und der Literatur, Mainz, 06.07.2007

Bauch, H.: Vergangene Warmzeiten und das Klima der Zukunft. Institut für Polarökologie, Kiel University, Kiel 19.11.2007

Behrmann, J.H. and **Stipp, M.:** Subducted crust and sediments - a source for intermediate depth earthquakes? EGU General Assembly, Vienna, Austria, 18.04.2007

Bialas, J., Greinert, J., Barnes, P., Henrys, S., Jegen-Kulcsar, M., **Klaucke, I., Krabbenhöft, A., Netzeband, G.,** Pecher, I. and Petersen, J.: Cold vents and gas hydrates - first results from the cruise SO 191-1 to the Hikurangi Plateau

offshore New Zealand. EGU General Assembly, Vienna, Austria, 18.04.2007

Bigalke, N., Gust, G. and Rehder, G.: Experimental investigation of the behaviour of CO₂ droplets and methane bubbles rising in seawater under hydrate forming conditions. 97th Annual Meeting of the Geologische Vereinigung (GV) and International Conference: The Oceans in the Earth System, Bremen, 01.-05.10.2007

Bigalke, N., Rehder, G. and Gust, G.: Fate of CO₂ droplets rising in seawater. CARBOOCEAN Annual Meeting, Bremen, 04.-07.12.2007

Bigalke, N., Rehder, G. and Gust, G.: Experimental investigation of the behaviour of CO₂ droplets rising in seawater under hydrate forming conditions. 17th Goldschmidt Conference 2007, Köln, 22.08.2007

Böhm, F., Amini, M., Blenkinsop, J., Buhl, D., **Eisenhauer, A.,** Farkas, J., Von Geldern, R., Gussone, N., Heuser, A., Munnecke, A., Veizer, J., **Voigt, S.** and **Wallmann, K.:** Calcium isotope budget of the Phanerozoic ocean. 17th Goldschmidt Conference 2007, Köln, 21.08.2007

Bracher, A., Vountas M., Dinter T., Röttgers R., **Peeken I.,** Bernit E. and Burrows J.P.: Phytoplankton distribution and light absorption from space using Differential Optical Absorption Spectroscopy. ENVISAT Symposium 2007, Montreux, Switzerland, 26.04.2007

Brandt, P.: Variability of circulation and deep water export of the subpolar North Atlantic during the last decade. Seminar of the Department of Environmental Sciences, Università Ca' Foscari, Venice, Italy, 28.02.2007

Brandt, P.: Circulation and oxygen distribution in the equatorial Atlantic. Colloquium of the Baltic Sea Research Institute, Rostock, 20.11.2007

Brandt, P., Hormann, V., Bourles, B., **Fischer, J., Schott, F., Stramma, L.** and **Dengler, M.:** Oxygen tongues and zonal currents in the equatorial Atlantic. AMMA 2nd International Conference joint with AMMA-Ocean/TACE/PIRATA-meeting, Karlsruhe, 27.11.2007

Breithaupt, P., Sommer, U., Jürgens, K. and **Hoppe, H.-G.:** Temperature dependence of the coupling between phyto- and bacterioplankton during an algal spring bloom a mesocosm study. Climaqs Colloquium and Masterclass of the Royal Netherlands Academy of Arts and Sciences, Amsterdam, Netherlands, 01.11.2007

Breithaupt, P., Walther, K., **Sommer, U.,** Jürgens, K. and **Hoppe, H.-G.:** Effects of different temperature regimes on the coupling between phyto- and bacterioplankton during an algal spring bloom a mesocosm study. Baltic Sea Science Congress, Rostock, 20.03.2007

Breithaupt, P., Walther, K., **Sommer, U.,** Jürgens, K. and **Hoppe, H.-G.:** The influence of temperature on phytoplankton bacterioplankton interactions during an algal spring bloom. Aquashift Workshop at the GFÖ (Gesellschaft für Ökologie) Annual Meeting, Marburg, 12.09.2007

Breithaupt, P., Walther, K., **Sommer, U.,** Jürgens, K. and **Hoppe, H.-G.:** Effects of different temperature regimes on the coupling between phyto- and bacterioplankton during an algal spring bloom a mesocosm study. 42. European Marine Biology Symposium, Kiel, 27.08.2007

Bumke, K.: Messung von turbulenten Wärmeflüssen. Sylt-Seminar, Westerland, IFM-GEOMAR, 05.09.2007

- Bumke, K.:** Messung turbulenter Energieflüsse. OCEANET-Kick-Off-Meeting, IFM-GEOMAR, Kiel, 18.10.2007
- Bumke, K.:** Niederschlagsmessung auf See. Meteorologisches Kolloquium, FU Berlin, Berlin, 10.12.2007
- Canning-Clode, J.,** Wahl, M., Valdivia, N. and Molis, M.: Estimating regional richness in marine benthic communities – the influence of replication. 42nd European Marine Biology Symposium (EMBS), Kiel, 28.08.2007
- Coffin, M.F., **Werner, R., Hauff, F., Hoernle, K.** and SQ193 Scientific Party: Extensional and Transtensional Tectonics of the Manihiki Plateau, Western Equatorial Pacific Ocean. AGU Fall Meeting, San Francisco, USA, 10.-14.12.2007
- Contreras-Reyes, E., Grevemeyer, I., Flüh, E.R., Scherwath, M.** and Heesemann, M.: Veränderung der subduzierten ozeanischen Lithosphäre am südlichen zentral-chilenischen Trench-Outer Rise. SONNE Statusseminar, Kiel, 14.-15.02.2007
- Cotrim da Cunha, L.:** TENATSO - Observatório oceânico-atmosférico do Atlântico tropical nordeste, Auditório Jotamonte, Mindelo, Sao Vicente, Kap Verde, 25.10.2007
- Croot, P.L.:** Sinking Titanic - new insights into Ti(IV) chemistry in seawater from studies in the Tropical Atlantic. National Oceanography Centre, Southampton, UK. 14.09.2007
- Croot, P.L.:** Diel Cycles of Fe(II) and H₂O₂ in the Tropical Atlantic and the Southern Ocean. AWI, Bremerhaven, 21.06.2007
- Delacour, A., Früh-Green, G.L., Bernasconi, S.M., Schaeffer, P., **Frank, M.,** Gutjahr, M. and Kelley, D.S.: Influence of high fluid fluxes on sulfur and carbon speciation of serpentinites of the Atlantis Massif. EGU General Assembly, Vienna, Austria, 15.-20.04.2007
- Dengler, M.:** Upper ocean mixing processes in the equatorial tropical Atlantic. 39th Liège Colloquium on Ocean Dynamics, Turbulence revisited, Liege, Belgium, 10.05.2007
- Dmitrenko, I.,** Polaykov, I.V., Kirillov, S.A., Timokhov, L.A., Frolov, I.E., Sokolov, H.L., Simmons, H.L., Ivanov, V.V. and Walsh, D.: Towards a warmer Arctic Ocean: Spreading of the early 21st century Atlantic water warmer anomaly along the Eurasian Basin margins. IUGG XXIV General Assembly "Earth, Our Changing Planet", Perugia, Italy, 03.07.2007
- Dommenget, D.** and **Latif, M.:** Generation of Hyper Climate Modes. CRCES Workshop on Decadal Climate Variability, Kona, Hawaii, USA, 02.05.2007
- Duggen, S., Portnyagin, M.,** Geldmacher, J. and **Hauff, F.:** Pb-isotope ratios across the transition zone of ca. 15 Ma oceanic crust from the Cocos Plate, Eastern Pacific (Site 1256, Leg 309): Implications for Pb-cycling in the Earth's crust and mantle. Site 1256 IODP Post-Cruise Meeting, Tokyo, Japan, International Ocean Drilling Program, 08.-17.06.2007
- Duggen, S., Portnyagin, M.** and **Hoernle, K.:** What are the mantle processes responsible for the geochemical differences of volcanic front and rear-arc basaltic lavas in subduction zones? 97th Annual Meeting of the Geologische Vereinigung (GV) and International Conference: The Oceans in the Earth System, Bremen, 01.-05.10.2007
- Dullo, W.-C.:** Das größte Barriere-Riff der Welt: Die Kaltwasserkorallengürtel um Europa von Rhodos zum Nordkap. Deutsch-Nordweziges Studienzentrum und Geologisches Institut, Universität Tromsø, Tromsø, Norway, 22.09.2007
- Dullo, W.-C.,** Freiwald, A., **Rüggeberg, A.** and Tavian, M.: Cold-water coral reefs around Europe - hotspots from the central Mediterranean. 38th CIESM Congress, Istanbul, Turkey, 12.04.2007
- Dullo, W.-C., Rüggeberg, A.** and **Flögel, S.:** Water mass dynamics around coral mounds. ESF Workshop on Marine Research Drilling (Magellan Workshop Series) - Exploring Escarpment Mud Mound Systems and Mud Volcanoes with new European strategies for sustainable mid-depth coring, Murten, Switzerland, 26.-29.04.2007
- Dullo, W.-C., Rüggeberg, A.** and **Flögel, S.:** Watermasses of the NE-Atlantic. Magellan Workshop, Murten, Switzerland, 27.04.2007
- Ehlers, A.:** Eelgrass meadows in a changing world - genotypes get in on coping with change. 42. European Marine Biology Symposium, Kiel, 30.08.2007
- Eisenhauer, A.:** Combining Radiogenic Strontium (⁸⁷Sr/⁸⁶Sr) and Stable Strontium Isotope (^{δ88/86}Sr) fractionation to balance the ocean Strontium budget. AGU Fall Meeting, San Francisco, USA, 10.-14.12.2007
- Eisenhauer, A.:** Ca Isotope Fractionation in Foraminifera; N. pachyderma (sin.). CA-SIOPEIA and Calcium Workshop, Bochum, 22.-24.01.2007
- Eisenhauer, A.:** The influence of ocean acidification on marine calcifying organism. Tagung "Biodiversität", Göttingen, Universität Göttingen, 15.-16.10.2007
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Kassens, H.: The results of the joint fifteen years of Russian-German investigations in the Arctic. 27th International Scientific School for Marine Geology on Geology of the Seas and Oceans, Moscow, Russia, 12.11.2007

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Latif, M.: From seasonal to decadal forecasting – Implications for global change prediction. Geophysical Institute, Bergen, Norway, 12.10.2007

Latif, M.: Natural climate variability and anthropogenic climate change. Climate Change Research Seminar, Düsseldorf, 17.10.2007

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Latif, M., and Keenlyside, N.: Vorhersagbarkeit der thermohalinen Zirkulation und Ihre Reaktion auf den globalen Klimawandel. DACH 2007, Hamburg, 11.09.2007

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- FS Sonne, IFM-GEOMAR, Kiel, 14.-15.02.2007
- Werner, R., Hauff, F., Hoernle, K., Coffin, M.** and SO 193 Scientific Party: R/V Sonne Cruise SO193: New insights into the geodynamic history of the Manihiki Plateau, SW-Pacific. AGU Fall Meeting, San Francisco, USA, 10.-14.12.2007
- Weseloh, A., **Link, H.**, Yamakita, T., Radzi, M.Z., Nakaoka, M., Hock-Chark, L., **Lenz, M.** and **Wahl, M.**: The fast and the continuous: Community age and functional identity determine the stability of fouling communities in two regions of the Western Pacific. 42. European Marine Biology Symposium, Kiel, 27.-31.08.2007
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- Wiese, J., Thiel, V., Staufenberger, T., Lang, G.** and **Imhoff, J.F.**: Epiphytic bacteria as producers of antimicrobial substances. European Conference on Marine Natural Products, Ischia, Italy, 16.-21.09.2007
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- Bumke, K.:** Klimawandel und seine Auswirkungen. Investors-Workshop der EDG, Hamburg, EDG, 16.02.2007
- Bumke, K.:** Klimawandel. Umwelttag Niedersachsen, Verden, BUND, 20.05.2007
- Cotrim da Cunha, L.:** Klimawandel und biologische Vielfalt in marinen Ökosystemen. TUI, Hannover 27.07.2007
- Devey, C.W.:** Roboter in der Tiefsee: innovative Meerestechnik. Tag der offenen Tür, IFM-GEOMAR, Kiel, 02.09.2007
- Dommenget, D.:** Meeresspiegel /Klimaerwärmung. Schleswig-Holsteinisches Umweltministerium, Kiel, 18.01.2007
- Dommenget, D.:** 'Eine unbequeme Wahrheit' Klimaerwärmung. Podiumsdiskussion, Bündnis 90/ Die Grünen, Elmshorn, 19.01.2007
- Dommenget, D.:** Klimaerwärmung. Bündnis 90/ Die Grünen: Informationsveranstaltung zum neuen Kieler Kohlekraftwerk, Kiel, 25.04.2007
- Dommenget, D.:** Klimawandel. Maasholm, Naturerlebniszentrum Maasholm, 22.05.2007
- Dommenget, D.:** Klimawandel. Öffentliche Diskussionsrunde, München, Filmhochschule, 14.06.2007
- Dommenget, D.:** Global warming. BayWa AG Agrarforum, München, 15.06.2007
- Dommenget, D.:** Klimawandel. Kiel, Lionsclub Kiel, 12.07.2007
- Dommenget, D.:** Klimawandel. Tag der offenen Tür, IFM-GEOMAR, Kiel, 02.09.2007
- Dommenget, D.:** Klimawandel und Mee(h)r. SPD Kreis Plön, Bürgerhaus Raisdorf, 14.09.2007
- Dommenget, D.:** Klima 2001. Jahrestreffen des Statistischen Bundesamtes, IFM-GEOMAR, Kiel, 24.09.2007
- Dommenget, D.:** Global warming. Einbek, KWS Pflanzengut AG, 27.09.2007
- Dommenget, D.:** Prima Klima? Altenholz, Ev.-Luth. Kirchengemeinde, 04.11.2007
- Dommenget, D.:** Klimawandel. Malente, Gustaf Heinemann Bildungsstätte, 27.11.2007
- Dommenget, D.:** Eine unbequeme Wahrheit. Diskussionsrunde zum Film, Kiel, Cinemaxx, Kiel, 30.11.2007
- Duggen, S.:** Die Klimaentwicklung: Der Einfluss natürlicher und anthropogener Prozesse auf den Kohlenstoffkreislauf. Umweltinitiative Dän. Minderheit, Schleswig, 26.03.2007
- Duggen, S.:** Die Klimaentwicklung: Der Einfluss natürlicher und anthropogener Prozesse auf den Kohlenstoffkreislauf. Umweltinitiative Dän. Minderheit, Eckernförde, 27.03.2007
- Duggen, S.:** Die Klimaentwicklung: Der Einfluss natürlicher und anthropogener Prozesse auf den Kohlenstoffkreislauf. Umweltinitiative Dän. Minderheit, Bredstedt, 28.03.2007
- Duggen, S.:** Die Klimaentwicklung: Der Einfluss natürlicher und anthropogener Prozesse auf den Kohlenstoffkreislauf. Umweltinitiative Dän. Minderheit, Flensburg, 29.03.2007
- Duggen, S.:** Düngung der Meere: Was haben Vulkane und Klimaentwicklung damit zu tun? Naturerlebniszentrum, Maasholm, 05.06.2007
- Dullo, W.-C.:** Von der Tiefsee zum Hochgebirge. Öffentlicher Vortrag, Gemeindesaal La Punt, La Punt, Switzerland, 30.08.2007
- Dullo, W.-C.:** Die Kaltwasserkorallen am europäischen Kontinentalrand: Das größte Barriere Riff der Welt. Eröffnungsvortrag zur Wanderausstellung "Kaltwasser-Korallen", Museum für Naturkunde, Magdeburg, 13.09.2007
- Freundt, A.:** Wie Vulkane wirklich sind. Summer School, IFM-GEOMAR, Kiel, 01.08.2007
- Froese, R.:** Fisch kaputt: Ursachen und Lösungen für die weltweite Überfischung. Public lecture at the Night of the Profs, Universität Kiel, Kiel, 23.11.2007
- Hanel, R.:** Der Aal eine bedrohte Art. Info-Veranstaltung Seen - Beobachtungsprogramm, Plön, 13.11.2007
- Herzig, H.:** Heiße Quellen in der Tiefsee - Wertvolle Rohstoffe am Meeresboden. Förderverein Medizinische Klimatologie Westerland e.V., Westerland, 29.06.2007
- Imhoff, J.F.:** Medikamente aus dem Meer. Schleswig-Holsteinische Universitätsgesellschaft, Kiel, 09.10.2007
- Imhoff, J.F.:** Marine Living Resources. Workshop InWaterTec, Kiel, 10.10.2007
- Kandiano, E.:** Late Quaternary climate change. Wellingdorfer Gymnasium, Kiel, 16.01.2007
- Karstensen, J.:** Die Verschmutzung der Meere. Klasse 3c der Hardenbergschule Kiel, 27.06.2007
- Kassens, H.:** Streik in der Eisfabrik: Auswirkungen des Klimawandels in Sibirien. Kieler Woche 2007 – Aquariumsvorträge, Polare Nächte 2007: Ringvorlesung der Deutschen Gesellschaft für Polarforschung e.V. – Internationales Polarjahr 2007/2008, Kiel, 18.06.2007
- Krug, S.:** Das Spiel mit dem Blauen Planeten! Klimawandel oder Frieden? Ricarda-Huch-Gymnasium, Hagen, 13.12.2007
- Latif, M.:** Gerät unser Klima aus dem Takt? 1. Fachtagung Energie aus Biomasse „Erneuerbare Energien 2007 mit Passiv-Haus 2007“, Sport- und Kongresshalle, Böblingen, 02.03.2007
- Latif, M.:** Herausforderung Klimawandel. 3. „forum aktuell“ unter dem Titel „Schleswig-Holstein – meerverschlungen?“. Heinrich-Böll-Stiftung, Ekman-Speicher, Kiel, 26.03.2007
- Latif, M.:** Herausforderung Klimawandel. Schüler der Integrierten Gesamtschule Friedrichsort, IFM-GEOMAR, Kiel, 28.03.2007
- Latif, M.:** Klimawandel als Herausforderung – Was können bzw. müssen wir heute tun? Seminar der Bank Sarasin & Cie AG, Interlaken, Switzerland, 29.03.2007
- Latif, M.:** Bringen wir das Klima aus dem Takt? Hamelner Forum, Weserbergland-Zentrum, Hameln, 12.04.2007
- Latif, M.:** Klimawandel und Wetterextreme. Forum Kirche und Gesellschaft, St. Nikolaus Gemeinde, Kiel, 13.04.2007
- Latif, M.:** Verändert der Mensch das Klima? Schleswig-Holsteinische Universitätsgesellschaft, Lutjenburg, 17.04.2007
- Latif, M.:** Klimawandel. Lions Club Südtondern, Nordseeakademie Leck, 19.04.2007
- Latif, M.:** Herausforderung globaler Klimawandel. Junge Union Schleswig-Holstein, Holm/Schönberg, 21.04.2007
- Latif, M.:** Bringen wir das Klima aus dem Takt? Überparteiliches Frankfurter Umwelt- und Klimabündnis „Frische Luft am Main“, Frankfurt, 02.05.2007
- Latif, M.:** Sind wir noch zu retten? Der Mensch

als Klimamacher. Verein der Förderer und Freunde des Instituts für ökologischen Landbau der FAL Trenthorst e.V., Bad Oldesloe, 03.05.2007

Latif, M.: Herausforderung Klimawandel. MINToring-CAMP der Stiftung der Deutschen Wirtschaft, IFM-GEOMAR, Kiel, 04.05.2007

Latif, M.: Bringen wir das Klima aus dem Takt? Landesfachtag Geographie für Lehrerinnen und Lehrer, Geographisches Institut der Universität Kiel, 05.05.2007

Latif, M.: Herausforderung Klimawandel. Forum „Klimawandel – Chancen und Risiken für Ostholstein“, Sparkasse Holstein und Lübecker Nachrichten, Realschule, Neustadt, 09.05.2007

Latif, M.: Klimawandel – Gerät unser Klima aus dem Takt? Mitgliederversammlung, Fernwärmevereinigung, Vattenfall Europe Hamburg AG, Hotel Grand Elysee, Hamburg, 15.05.2007

Latif, M.: Bringen wir das Klima aus dem Takt? Hauptkirche St. Petri, Hamburg, 15.05.2007

Latif, M.: Klimawandel: Sylt 2070 – St. Tropez oder Atlantis? Eröffnungsvortrag Tagung der Zahnärztekammer Schleswig-Holstein zum Thema „Zahnerhalt durch Endodontie“ Westerland/Sylt, 21.05.2007

Latif, M.: Klimaforschung – Klima der Zukunft (Szenarien). Klimaschutz- und Klimawandel in Schleswig-Holstein, Landeshaus, Kiel, 04.06.2007

Latif, M.: Herausforderungen des Klimawandels. Veranstaltung des Deutschen Gewerkschaftsbunds, Hamburg, 06.06.2007

Latif, M.: Herausforderung Klimawandel. HSH Nordbank, Kiel, 14.06.2007

Latif, M.: Klimawandel und seine Folgen für Europa. Sparkassenforum der Kreissparkasse Bersenbrück, Aula des Gymnasiums, Bersenbrück, 15.06.2007

Latif, M.: Bringen wir das Klima aus dem Takt? Generalversammlung der Raiffeisenbank Rheinberg eG, Stadthalle Langenfeld, 19.06.2007

Latif, M.: Bringen wir unser Klima aus dem Takt? Kieler Woche – Aquarium IFM-GEOMAR, Kiel, 21.06.2007

Latif, M.: Die Folgen des Klimawandels für Europa. 30. EURO-TREFF, DBB, Kiel, 22.06.2007

Latif, M.: Klimawandel. IFM-GEOMAR, Gebäude Ostufer, 02.07.2008

Latif, M.: Herausforderung Klimawandel. Sommerempfang der Industrie und Handelskammer, Flensburg, 03.07.2007

Latif, M.: Warum ist der Winter kälter als der Sommer? Kinderuni, Wissenschaftssommer, Sylt, 04.07.2007

Latif, M.: Bringen wir das Klima aus dem Takt? Wissenschaftssommer, Sylt, 04.07.2007

Latif, M.: Chancen und Risiken des Klimawandels. B & M Information AG, MS Deutschland, Ostseekai, Kiel, 28.07.2007

Latif, M.: Klimaschutz bringt Spaß. Verleihung des Deutschen Klimaschutzpreises der Deutsche Umwelthilfe, Historischer Kassensaal der KfW Bank, Berlin, 21.08.2007

Latif, M.: Wetter und Klimawandel – wie schlimm wird es wirklich? Leserakademie der Berliner Morgenpost, Axel-Springer-Haus, Berlin, 23.08.2007

Latif, M.: Herausforderung Klimawandel. Jubiläumsveranstaltung, 25. Osnabrücker Baum- pfeletage, Stadthalle, Osnabrück, 04.09.2007

Latif, M.: Herausforderung Klimawandel. Mitgliederversammlung. Hamburger Anwaltsverein, Hamburg, 10.09.2007

Latif, M.: Ursachen und Folgen des globalen Klimawandels. XI. Lübecker Fachtagung für Umwelthygiene. Institut für Medizinische Mikrobiologie und Hygiene, Lübeck, 11.09.2007

Latif, M.: Klimawandel: Risiko und Chance zugleich. Gründungsveranstaltung der III. Medizinischen Klinik und Poliklinik, Hamburg, 11.09.2007

Latif, M.: Herausforderung globaler Klimawandel. NABU, Forum Kultur und Umwelt Herzogtum-Lauenburg, Schule Büchen, 20.09.2007

Latif, M.: Herausforderung Klimawandel. Landesbauernntag, DEULA-Halle, Rendsburg, 21.09.2007

Latif, M.: Herausforderung Klimawandel. Gemeinsame Veranstaltung der Stadtparkasse und Volkshochschule, Düsseldorf, 24.09.2007

Latif, M.: Herausforderung Klimawandel. 8. Pensionskassenkonferenz der Berenberg Bank, Hamburg, 27.09.2007

Latif, M.: Herausforderung Klimawandel. Management Forum 2007, T-Systems Business Services GmbH, Berlin, 27.09.2007

Latif, M.: Was ist mit dem Klima los? 10. Perspektiv Forum der Stiftung Jugend forscht e.V. und DaimlerChrysler AG – „Welt im Wandel! – Wie managen wir die Herausforderungen der Zukunft?“, Stuttgart, 04.10.2007

Latif, M.: Klimawandel. Heinrich-Böll-Stiftung, Saarbrücken, 04.10.2007

Latif, M.: Herausforderung Klimawandel. Hamburger Sparkasse, Hamburg, 11.10.2007

Latif, M.: Bringen wir das Klima aus dem Takt? Buchhandlung DECIUS, Hannover, 16.10.2007

Latif, M.: Der globale Klimawandel: Fakt oder Fiktion. Internatsschule Schloss Hansenberg, Geisenheim, 25.10.2007

Latif, M.: Herausforderung Klimawandel. CISCO Systems, Frankfurt, 25.10.2007

Latif, M.: Herausforderung Klimawandel. Haus und Grund, Dortmund, 30.10.2007

Latif, M.: Bringen wir das Klima aus dem Takt? Mittelstandvereinigung Visbek, Rathaus Visbek, 01.11.2007

Latif, M.: Herausforderung Klimawandel. Modehandelskongress, Düsseldorf, 07.11.2007

Latif, M.: Climate Change – The Rationale Behind the Clean Tech Discussion. Dow Jones „Clean Tech Summit 2007“, Frankfurt, 08.11.2007

Latif, M.: Herausforderung globaler Klimawandel: Risiken und Chancen. Jahrestagung des Deutschen Speditions- und Logistikverbands, Köln, 10.11.2007

Latif, M.: Vortrag zum Thema der Klimaproblematik. Rotary International Distrikt 1890, Schenefeld, 13.11.2007

Latif, M.: Klimawandel – Szenarien und Prognosen für den mitteleuropäischen Raum“. Klimawandel-Workshop des BBK „Folgen des Klimawandels für den Bevölkerungsschutz und die kritischen Infrastrukturen in Deutschland, Bonn, 19.11.2007

Latif, M.: Bringen wir das Klima aus dem Takt? Dietrich-Bonhoeffer-Gymnasium, Wiehl, 19.11.2007

Latif, M.: Herausforderung globaler Klimawandel. Sparkasse Mayen und Landratsamt, Andernach, 19.11.2007

- Latif, M.:** Auswirkungen des Klimawandels auf die internationalen Kapitalmärkte. Wertpapierfachtagung der HSH Nordbank, Hamburg, 22.11.2007
- Latif, M.:** Wege aus dem Klima-Chaos. Dr. Götze Land & Karte, Hamburg, 22.11.2007
- Latif, M.:** Nach uns die Sintflut. CAU – Night of the Profs, Kiel, 23.11.2007
- Latif, M.:** Herausforderung Klimawandel. Impulse aus der Klima-Allianz BW: Bund für Umwelt- und Naturschutz (BUND) / Evangelische Landeskirche Württemberg. Ausstellung „Power Klauer“, „Klimatag“ am Mörike-Gymnasium, Stuttgart, 27.11.2007
- Latif, M.:** The Challenge of Climate Change. Siemens Wind Power Conference 2007 „Full Speed Ahead“, Bremen, 29.11.2007
- Latif, M.:** Bringen wir das Klima aus dem Takt? Evangelisches Bildungszentrum, Bad Bederkesa, 29.11.2007
- Latif, M.:** Herausforderung Klimawandel. Volkshochschule Molfsee, 12.12.2007
- Macke, A.:** METEOSAT: Europas Blick aus dem All auf Wetter und Klima. Schleswig-Holsteinische Universitäts-Gesellschaft, St. Peter-Ording, 06.02.2007 (Public)
- Macke, A.:** Meteosat. Europas Auge auf Wetter und Klima. Tag der Offenen Tür, IFM-GEOMAR, Kiel, 02.09.2007 (Public)
- Macke, A.:** Wolken im Wetter- und Klimageschehen. Schleswig-Holsteinische Universitäts-Gesellschaft, Geesthacht, 15.10.2007 (Public)
- Macke, A.:** Meteosat. Europas Blick aus dem All auf Wetter und Klima. Schleswig-Holsteinische Universitäts-Gesellschaft, Großhansdorf, 06.11.2007 (Public)
- Macke, A.:** Meteosat. Europas Blick aus dem All auf Wetter und Klima. Schleswig-Holsteinische Universitäts-Gesellschaft, Glinde, 20.11.2007 (Public)
- Macke, A.:** Wasser in der Atmosphäre - Bedeutung für Wetter und Klima. Night of the Profs, CAU, Kiel, 24.11.2007 (Public)
- Macke, A.:** Halos, Regenbögen und andere optische Phänomene der Atmosphäre. Schleswig-Holsteinische Universitäts-Gesellschaft e.V., Preetz, 26.11.2007 (Public)
- Oschlies, A.:** Algenblüten, Eisen, CO₂ - der Einfluss der marinen Biologie auf unser Klima. Förderkreis Stiftung Deutsch-Nordische Bourse, Kiel, 06.06.2007
- Petersen, S.:** Heiße Quellen in der Tiefsee. St. Jüren Realschule, Lübeck, 10.10.2007
- Piatkowski, U.:** Kalmare, Kraken und Co: Athleten der Ozeane. Zoologisches Museum, Universität Kiel, Kiel, 21.01.2007
- Piatkowski, U.:** Kreaturen der Tiefsee. Festvortrag zur Eröffnung der Ausstellung: The Deep – Leben in der Tiefsee, IFM-GEOMAR, Kiel, 29.03.2007
- Piatkowski, U.:** In lichtlosen Tiefen: Geheimnisse der Tiefsee. In lichtlosen Tiefen: Geheimnisse der Tiefsee: Ausstellungseröffnung, Haus der Technik, Essen, 17.10.2007
- Quack, B.:** Meereschemie Was, wie, warum !?!, IFM-GEOMAR, Kiel, 28.03.2007
- Riebesell, U.:** Ozeanversauerung: Das andere CO₂-Problem. Haus der Wissenschaft, Bremen, 03.12.2007
- Schmincke, H.-U.:** Beeinflussen Vulkanausbrüche das Klima? Und umgekehrt? Tag der Offenen Tür, IFM-GEOMAR, Kiel, 02.09.2007
- Schmincke, H.-U.:** Neue Forschungen zum Eifelvulkanismus. Geowoche Vulkanpark Plaidt, Plaidt, 31.05.2007
- Schmincke, H.-U.:** Vulkaneruptionen Vulkangefahren Vulkankatastrophen. Schleswig-Holsteinische Universitätsgesellschaft, Albersdorf, 13.02.2007
- Schmincke, H.-U.:** Tanz auf dem Vulkan. Goethe und die Entfaltung der Vulkanologie als Wissenschaft. Societe Genevoise d'Études Allemandes, Geneve, Switzerland, 18.10.2007
- Schmincke, H.-U.:** Wie funktioniert ein Vulkan? Geographische Gesellschaft, Marburg, 23.10.2007
- Schmidt, J.O.:** Klimawandel und biologische Vielfalt in marinen Ökosystemen. TUI, Hannover 27.07.2007
- Steinhoff, T.:** Was macht die Chemie im Meer?, MNU Campus, Universität Kiel, Kiel, 28.09.2007
- Ueberschär, B.:** „Ozean der Zukunft“. Zahlreiche Vorträge während der Ausstellung „Ozean der Zukunft“ des Kieler Exzellenzclusters anlässlich der Kieler Woche, 02. – 30 Juni 2007, IFM-Geomar, Kiel.
- Ueberschär, B.:** „Ozean der Zukunft“. Mehrere Vorträge während der Ausstellung „Ozean der Zukunft“ des Kieler Exzellenzclusters in der Landesvertretung von Schleswig-Holstein, Berlin, 09.-29.10. 2007
- Visbeck, M.:** Tsunamis. Heinrich-Heine-Gymnasium Heikendorf, 04.12.2007
- Visbeck, M.:** Verändert sich die Zirkulation im atlantischen Ozean? Schleswig-Holsteinische Universitätsgesellschaft, Bönningstedt, 05.12.2007
- Voigt, S.:** Die Erde als Treibhaus: Klimaänderungen während der Kreidezeit. Abendvortrag am Museum für Naturkunde Chemnitz, Chemnitz, 16.05.2007
- Voigt, S.:** Die Erde als Treibhaus – der globale Klimawandel vorgestern und heute. Abendvortrag an der Fachschule für Technik „Julius Weisbach“, Freiberg, 09.11.2007
- Wallmann, K.:** Ozean der Zukunft, Bergakademie Freiberg, 17.01.2007
- Wallmann, K.:** Ozean der Zukunft, Hermann-Ehlers-Akademie, Kiel, 05.02.2007
- Wallmann, K.:** Ozean der Zukunft, Naturwissenschaftlicher Verein, Kiel, 07.02.2007
- Wallmann, K.:** Ozean der Zukunft, Rathaus Kiel, Vortrag anlässlich der Preisverleihung des Wissenschaftspreises der Stadt Kiel, Kiel, 24.06.2007
- Wallmann, K.:** CCS, Podiumsdiskussion bei der Goldschmidt Konferenz, Köln, 22.08.2007
- Wallmann, K.:** Ozean der Zukunft, Ausstellungseröffnung „Ozean der Zukunft“, Berlin, 09.10.2007
- Weinrebe, R.W.:** Gefahr durch Erdbeben und Tsunamis. Hermann-Ehlers-Akademie, Kiel, 05.03.2007
- Wiese, J.:** Medizin aus dem Meer - Vom Standort zum Wirkstoff. Symposium NaT-Working Meeresforschung, Bad Segeberg, 03.02.2007

7. Scientific Exchange & Cooperation

7.1 Visitors at IFM-GEOMAR

Abramova, E.: Lena Delta Reserve, Tiksi, Russia, 20.11.-19.12.2007; 22.04.-11.05.2007

Agurto, C.: Universidad de Concepción, Chile. DAAD PhD, 01.04.2003-31.08.2007

Alexeeva, T.: Arctic and Antarctic Research Institute, St. Petersburg, Russia, 01.11.-31.12.2007

Alvarez, M.: Instituto Mediterráneo de Estudios Avanzados - IMEDEA, CSIC, Univ. Illes Balears, Esporles, Mallorca, Spain, 30.10. - 09.11.2007

Arroyo, Y.: DAAD PhD, Universidad de Costa Rica, San Jose, Costa Rica, 01.04.2003 - 01.03.2007

Bartolomé, R.: Unitat de Tecnologia Marina UTM, Barcelona, Spain, 14.11.-05.12.2007

Bayrakci, G.: Institut de Physique du Globe de Paris, France, 22.08.-04.09.2007; 14.10.-24.10.2007

Bécel, A.: Instituto de Ciencias de la Terra Jaume Almera, Barcelona, Spain, 22.08.-04.09.

Bonsang, B.: CNRS-CEA (Laboratoire des Sciences du Climat et de l'Environnement, Paris), Paris, France, 19.11.-24.11.2007

Bouabdellah, M.: Geological Institute, University of Oujda, Oujda, Morocco, 01.11.-04.12.2007

Bruggeman, J.: FU Amsterdam, Amsterdam, The Netherlands, 05.11.-17.11.2007

Canning-Clode, J.: DAAD PhD, University of Madeira, Portugal, 2005-2008

Contreras Reyes, E.: DAAD PhD, Universidad de Chile, Santiago, Chile, 01.04.2005 - 31.03.2008

Dobretsov, S.: Humboldt-Postdoc, Hong Kong University of Science and Technology, Hong Kong, SAR China, 2005 - 2007

Dedert, M.: Paleoclimatology and Geomorphology, FALW, VU Amsterdam, The Netherlands, 01.01.-31.03.2007

Dorador, C.: Universidad de Chile, Chile. DAAD PhD, 01.04.2005-31.10.2007

Dotsenko, S.: Marine Hydrophysical Institute of NASU, Sevastopol, Ukraine, 01.10.-31.10.2007

Ershova, A.: St. Petersburg State University, St. Petersburg, Russia, 08.08.-29.08.2007

Fruciano, C.: University of Catania, Catania, Italy, 23.08.-30.08.2007

Gazel Dondi, E.: Rutgers University, New Jersey, USA, 20.08.-30.11.2007

Gorbach, N.: Institute of Volcanology and Seismology FEB RAS, Petropawlowsk-Kamtschatskij, Russia, 01.10.-30.10.2007

Gorodinskiy, A.: St. Petersburg State University, St. Petersburg, Russia, 05.06.-17.07.2007

Greatbatch, R.G.: Dalhousie University, Halifax, Nova Scotia, Canada, 07.08.-22.08.2007, 01.10.-15.10.2007

Gros, V.: CNRS-CEA (Laboratoire des Sciences du Climat et de l'Environnement, Paris), Paris, France, 19.11.-24.11.2007

Gryn, D.: University of Amsterdam, The Netherlands, 24.08.-13.09.2007 and 23.10.-05.11.2007

Gukov, A.: Lena Delta Reserve, Tiksi, Russia, 20.05.-10.06.2007

Gulev, S.: P. Shershov Institute of Oceanology, Moscow, Russia, 31.08.-10.09.2007, 21.11.-24.11.2007

Henry-Edwards, A.: The Flinders University of South Australia. Ludwig Leichhardt Gedächtnisstipendium der Alexander von Humboldt Stiftung 01.10.2006-30.04.2008.

Hernández, O.: Institut de Physique du Globe de Paris, France, 13.03.-21.03.2007

Irannezhadi, R.: Isfahan University of Technology, Iran, 01.10.2006-01.02.2007

Isla, A.: Universidad de Oviedo, Spain. Postdoctoral fellowship Fundación Ramón Areces. November 2005 - November 2007

Javid, J.: Gorgan University, Iran. PhD seconded by the Ministry of Science Research and Technology, Iran. October 2004 - September 2008.

Jiang, C. L.: University of Kunming, China, 17.10.06-17.02.2007

Jiang, Y.: University of Kunming, China, 17.10.06-30.06.2007

Jones, M.: University of East Anglia, Norwich, UK, 14.05.-25.05.2007

Khatiwala, S.: Lamont Doherty Earth Observatory, Columbia University, Palisades, NY, USA, 20.05.-20.06.2007

Kim, O.K.: Kangwon National University, Chunchon, Korea, DAAD PhD, 01.04.2004-01.04.2007

Kirillov, S.: Arctic and Antarctic Research Institute, St. Petersburg, Russia, 19.12.-31.12.2007

Kostygov, S.: St. Petersburg State University, St. Petersburg, Russia, 07.08.-28.08.2007

Kuo, P.-H.: National Chung-Hsing University, Department of Environmental Engineering, Taichung, Taiwan, 15.08.-16.09.2007

Lan, Y.-Y.: National Chung-Hsing University, Department of Environmental Engineering, Taichung, Taiwan, 15.08.-16.09.2007

Lewandowska, A.: DBU Stipendiatin, Institut für Umweltschutz, Warschau, Polen, 08.03.-30.09.2007

Lisitzin, A.P.: P.P. Shirshov Institute of Oceanology RAS, Moscow, Russia, 04.03.-03.04.2007

Lutjeharms, J.R.E.: University of Cape Town, Cape Town, South Africa, 27.08.-06.11.2007

Makhotin, M.: Arctic and Antarctic Research Institute, St. Petersburg, Russia, 02.12.-29.12.2007

Martínez, S.: Centre Mediterrani d' Investigacions Marines I Ambientales CMIM, Barcelona, Spain, 15.10.-07.11.2007

Miklashevskaya, N.: Marine Hydrophysical Institute of NASU, Sevastopol, Ukraine, 01.10.-15.10.2007

Mironov, N.: V.I. Vernadsky Institute of Geochemistry and Analytical Chemistry RAS, Moscow, Russia, 22.11.-20.12.2007

Mitova, M.: University of New Zealand. Humboldt-Stipendiatin, 01.11.2006-31.10.2007

Muiños, S.: INETI, Alfragide (Lisbon), Portugal, FCT PhD, 01.11.2006-31.10.2009

Mussoni, P.: Università Degli Studi di Parma, Italy, 01.10.-10.11.2007

Nikulina, A.: St. Petersburg State University, St. Petersburg, Russia, 17.05.-29.06.2007

Özalaybey, S.: Tubitak Institute, Istanbul, Turkey, 26.03.-03.04.2007

Plechova, A.: V.I. Vernadsky Institute of Geochemistry and Analytical Chemistry RAS, Moscow, Russia, 05.06.-20.06.2007

Polovodova, I.: St. Petersburg State University, St. Petersburg, Russia, 17.05.-29.06.2007

Polyakova, E.: Moscow State University, Moscow, Russia, 04.03.-03.04.2007, 10.10.-09.11.2007

Preobrazhenskaya, O.: St. Petersburg State University, St. Petersburg, Russia, 07.08.-28.08.2007

Ritzmann, O.: Universitetet i Oslo, Norway, 13.09.-24.09.2007

Shanaz, L.: University of Karachi, Pakistan, 28.11.2006-30.11.2007

Smith, S. L., Frontier Research Center for Global Change, JAMSTEC, Yokohama, Japan, 03.12.-06.12.2007

Snidvongs, A.: Director of Southeast Asia START Regional Center, Chulalongkorn University, Bangkok, Thailand, 23.09.-25.09.2007

Taldenkova, E.: Moscow State University, Moscow, Russia, 11.04.-10.05.2007, 20.11.-19.12.2007

Tarancioglu, A.: Tubitak Institute, Istanbul, Turkey, 13.03.-03.04.2007

Timofeeva, A.: Arctic and Antarctic Research Institute, St. Petersburg, Russia, 01.11.-31.12.2007

Tsuang, B.-J.: National Chung-Hsing University, Department of Environmental Engineering, Taichung, Taiwan, 15.08.-08.09.2007

Veleda, D.: Universidade de Pernambuco, Recife, Brasil, CAPES Ph.D., 01.04.2007-31.03.2008

Voigt, S.: Institut für Geologie und Mineralogie der Universität zu Köln, DFG Heisenberg-Stipendium, 01.10.2006-30.09.2009

Vollstaedt, H.: Universität Göttingen, Göttingen, 01.07.-31.09.2007

Yang, S., School of Life Science and Technology, Shanxi University, Taiyuan, China, Scholarship under the China State Scholarship Fund, 05.04.2006-31.03.2007

Zhiguo, Y.: Faculty of Pharmaceutical Analysis, Shenyang Pharmaceutical University, Shenyang, China, Scholarship under the China State Scholarship Fund, 08.11.2006-31.10.2007

Zhu, J.: South China Sea Institute of Oceanology, Chinese Academy of Sciences, Guangzhou, China, 01.10.2005 - 01.10.2009

7.2 Visits by IFM-GEOMAR staff

Böning, C.W.: Marine Research Laboratory, Hobart, Australia, 21.10.2006-04.03.2007

Funk, A.: L'institut de recherché pour le développement (IRD), Plouzané, Bretagne, France, 01.07.-15.12.2007

Keenlyside, N.: National Chung-Hsing University, Department of Environmental Engineering, Taichung, Taiwan, 21.07.-05.08.2007

Kisakurek, B.: Hebrew University, Jerusalem, Internuniversity Institute for Marine Sciences at Eilat, Israel, 08.03.-15.06.2007

Matthiessen, B.: Université de Montpellier, Montpellier, France, 05.-25.04.2007

Park, W.: Korea Ocean Research and Development Institute, Seoul National University, Seoul, South Korea, 15.09.-30.09.2007

Piatkowski, U.: Espengrend Station, University of Bergen, Norway, 03.-16.06.2007

Scherwath, M.: Institute of Geophysics, School of Geography, Environment and Earth Sciences, Victoria University of Wellington, Wellington, New Zealand, 15.03.-23.3.2007

Schott, F.: CIMAS, University of Miami, Miami, FL, USA, 14.11.-17.12.2007

7.3 Conferences & Meetings (organized by IFM-GEOMAR staff)

Bange, H.W.: M68-3/P348/SOPRAN-Theme 3rd Meeting, Kiel, 06.11.2007

Bange, H.W.: SOPRAN Kick-Off Meeting, Kiel, 15.-16.03.2007

Becker, E., and **Krüger, K.:** Session 11-MO "Mittlere und obere Atmosphäre", DACH 2007, Hamburg, 10.-14.09.2007

Behrmann, J.H.: Session convenor: 97th Annual Meeting of the Geologische Vereinigung (GV) and International Conference: The Oceans in the Earth System, Bremen, 03.-05.08.2007

Bialas, J.: Statusseminar „Meeresforschung mit FS SONNE“, IFM-GEOMAR, Kiel, 14.-16.02.2007

Böning, C.W., and **Visbeck, M.:** North Atlantic Subpolar Gyre Workshop, Kiel, 19.-21.03.2007

Bourles, B., **Brandt, P., Eden, C.,** Jochum, M., Johns, W., **Keenlyside, N.:** Scientific Organizing Committee of the AMMA 2nd International Conference/AMMA-Ocean/TACE/PIRATA-meeting, Karlsruhe, 26.-30.11.2007

Dengg, J.: Symposium „NaT-Working Meeresforschung“, Bad Segeberg, 02.-03.02.2007

Dullo, W.-Chr., Georgeleit, K., and **van den Bogaard, C.:** 1. Deutscher KALMAR-Workshop, Kiel, 16.02.2007

Dullo, W.-Chr., Georgeleit, K., and **van den Bogaard, C.:** 2. Deutscher KALMAR-Workshop, Kiel, 29.-30.10.2007

Dullo, W.-Chr., and **van den Bogaard, C.:** 1. Deutsch-Russischer KALMAR-Workshop, Petropawlowsk-Kamtschatskij, Russia, 31.07.2007

Form, A.: EU-Workshop EPOCA, Salzau, 20.-22.02.2007

Froese, R.: INCOFISH Mid-Term Meeting, La Paz, Mexico (with Francisco Arreguin Sanchez, Silvia Opitz and Crispina Binohlan), 12.-14.03.2007

Hansteen, T.: DFG-Rundgespräch „Seamounts“, Göttingen, 03.-05.09.2007

Hansteen, T.: Seamount-Workshop, Bremen, 16.-17.03.2007

Haugan, P.M., Nansen, H.D., Drinkwater, K., Iversen, T., Mauritzen, C., Andersson, L.G., Leppäranta, M., Christensen, J.H., Olafsson, H., **Visbeck, M.,** Carmack, E., McPhee, M., Heywood, K., Thompson, D., Shapiro, M., Battisti, D.: Polar Dynamics: Monitoring, Understanding, and Prediction. Open science conference, Bergen, Norway, 29.-31.08.2007

Hoernle, K., Freundt, A.: Lateinamerika Kolloquium, Kiel, 11.-13.04.2007

Hoernle, K.: Workshop to Integrate Subduction Factory and Seismogenic Zone Studies in Central America, Heredia, Costa Rica, 18.-22.06.2007

Kassens, H., Biebow, N., Hölemann, J., **Kakhro, N.,** Priamikov, S., Timokhov, L., and **Volkmann-Lark, K.:** 2nd Impetus AURORA BOREALIS Workshop, Otto Schmidt Laboratory

for Polar and Marine Research at the State Research Center of Arctic and Antarctic Research, St. Petersburg, Russia, 04.-05.12.2007

Kassens, H., and **Kakhro, N.:** POMOR-Arbeitstreffen der Koordinatoren, Kiel, 27.02.-03.03.2007

Kassens, H., and **Kakhro, N.:** POMOR-Arbeitstreffen der Koordinatoren und Modulleiter, Kiel, 08.05.-11.05.2007

Kassens, H., Kakhro, N., Lantuit, H., Priamikov, S., Timokhov, L., and **Volkmann-Lark, K.:** IMPETUS 2007 – OSL-APECS-PYRN Training workshop on Permafrost Research Methods, State Research Center of Arctic and Antarctic Research, St. Petersburg, Russia, 30.11.-02.12.2007

Kassens, H., Kakhro, N., Priamikov, S., Schöttler, U., Timokhov, L., and **Volkmann-Lark, K.:** 12. Arbeitstreffen im Rahmen der Fachvereinbarung über die Zusammenarbeit auf dem Gebiet der Meeres- und Polarforschung zwischen dem Ministerium für Bildung und Wissenschaft der Russischen Föderation und dem Bundesministerium für Bildung und Forschung der Bundesrepublik Deutschland, at the State Research Center of Arctic and Antarctic Research, St. Petersburg, Russia, 03.-04.12.2007

Kassens, H., and **Volkmann-Lark, K.:** 1. Arbeitstreffen des Verbundvorhabens „System Laptev-See: Eurasische Schelfmeere im Umbruch – Ozeanische Fronten und Polynjasysteme in der Laptev-See“, Kiel, 11.04.2007

Kassens, H., Volkmann-Lark, K., Hölemann, J., and Timokhov, L.: Workshop on 2006/2007 Fellowship Programme of the Otto Schmidt Laboratory for Polar and Marine Research, St. Petersburg, Russia, 14.02.2007

Kläschen, D., Papenberg, C.: GO ("Geophysical Oceanography")-Workshop, IFM-GEOMAR, Kiel, 12.09.-14.09.2007

Lackschewitz, K.: 4th SPP 1144 Workshop, Etelsen, 26.-28.06.2007

Lehmann, A.: CBO Session: Upwelling events, coastal offshore exchange, links to biogeochemical processes, Baltic Sea Science Congress, Rostock, 19.-22.03.2007

Lehmann, A.: 5th Study Conference on BALTEX, Kuressaare, Estonia, 04.-08.06.2007

Linke, P.: 17th Goldschmidt Conference, Chair of Session S79: Biogeochemistry in Externe Marine Environments, Köln, 19.-24.08.2007

Macke, A.: Sylt-Seminar, Westerland, 05.09.2007

Macke, A.: Kick-off Meeting OCEANET, IFM-GEOMAR, Kiel, 18.-19.10.2007

Macke, A., and Peters, G.: Session 05-FE „Fernerkundung“, DACH 2007, Hamburg, 10.-14.09.2007

Oschlies, A.: Carbon-Ocean Summerschool, IFM-GEOMAR, 14.-18.09.2007

Rees, H., Vanden Berghe, E., Degraer, S., and **Rumohr, H.:** Convenor of session (A): on structure and dynamics of the benthos in ICES waters, ICES Annual Science Conference, Helsinki, Finland, 18.-22.09.2007

Schönfeld, J.: Organization committee, The

Conferences & Meetings

Micropalaeontological Society's Foraminifera and Nannofossil Groups Joint Spring Meeting, Université d'Angers, France, 07.-08.06.2007

Sommer, U., Wahl, M., Form, A., and Rummohr, H.: 42nd European Marine Biology Symposium, Kiel, 27.-31.08.2007

Sommer, U.: 4th AQUASHIFT-Workshop, Marburg, 10.-13.09.2007

Tanhua, T.: CARBOOCEAN / IOCCP 2nd Atlantic Ocean Carbon Synthesis Meeting, Kiel, Germany, 20.-23.03.2007

Tanhua, T.: CARINA workshop, IFM-GEOMAR, 21.-23.03.2007

Tanhua, T.: CARINA workshop, Delmenhorst, 30.11.-02.12.2007

Ueberschär, B.: 1st AQUA-TNET Annual Event, Hellenic Centre of Marine Research, Crete, Greece, 14.-15.06.2007

Ueberschär, B.: AQUA-TNET WP5 core group meeting, topic "Innovation in Teaching", Barcelona, Spain, 19.03.-20.03.2007

Ueberschär, B.: AQUA-TNET, WP5 core group meeting, topic "Innovation in Teaching", Madrid, Spain, 04.-05.12.2007

Voigt, S.: Sub-commission on Cretaceous Stratigraphy Annual Meeting, Bad Gandersheim, 16.-18.05.2007

Wallace, D.W.R., Cotrim da Cunha, L.: TE-NATSO Annual Meeting and Public Information Day, Mindelo, Cape Verde, 22.-24.10.2007

Wallace, D.W.R.: Climate-Biogeochemistry Interactions in the Tropical Ocean. SFB 754 Review, IFM-GEOMAR, 14.-15.06.2007

Weinrebe, W.: Workshop: Building a global data network for studies of earth processes at the world's plate boundaries, Kiel, 09.-11.05.2007

7.4 Colloquia & Seminars at IFM-GEOMAR

Meereswissenschaftliches Kolloquium

12.01.2007

Dr. Filip Volckaert, Katholieke Universiteit Leuven, Laboratory of Aquatic Ecology, Leuven, Belgium: "*Evolution of marine fishes: from high to low sequence variation, from low to high information content*"

25.01.2007

Dr. Tanguy Daufresne, UR INRA-CEFS, France: "*Nitrogen fixation: consequences for stability and diversity in algal communities*"

26.01.2007

Prof. Dr. Douglas G. Capone, Wrigley Institute for Environmental Studies & Department of Biological Sciences, University of Southern California, Los Angeles, CA, USA: "*The evolving saga of marine nitrogen fixation: controls and contribution to the oceanic N balance*"

02.02.2007

Dr. Olav Vadstein Norwegian University of Science and Technology, Department of Biotechnology, Trondheim, Norway: "*Role of heterotrophic planktonic bacteria in turnover of phosphorus - and role of phosphorus in turnover of bacteria*"

20.03.2007: Sonderkolloquium zu Ehren von Prof. Dr. Jürgen Willebrand

Prof. Dr. Klaus Hasselmann, Max-Planck-Institut für Meteorologie, Hamburg: "*Ocean Speculations*"

Dr. Tim Palmer, Probabilistic Forecasting and Diagnostics Division, ECMWF, Reading, UK: "*Towards Seamless Prediction of Weather and Climate*"

Prof. Dr. George Philander, AOS Program, Princeton University, Princeton, USA: "*Jürgen's Career - Variations on a Theme of Beethoven (op 109)*"

13.04.2007

Prof. Dr. Gerhard Graf, Universität Rostock, Rostock: "*Artenspezifische Effekte von Makrofauna der Ostsee auf die Bioturbation und Phosphatfreisetzung des Sedimentes*"

27.04.2007

Prof. Dr. Christoph Heinze, University of Bergen, Bergen, Norway: "*Carbon cycle climate feedbacks - can we learn anything from the past?*"

04.05.2007

Prof. Dr. Gert-Jan Reichert, Department of Earth Sciences - Geochemistry, Faculty of Geosciences, Utrecht University, The Netherlands: "*Laser ablation analyses of single foraminiferal chambers*"

11.05.2007

Prof. Dr. Frank Oliver Glöckner, Jacobs Univ. Bremen / MPI für Marine Mikrobiologie, Bremen: "*Marine Ecological Genomics*"

14.05.2007

Dr. Daniela Schmidt, Univ. Bristol, UK: "*Foraminiferal growth - from carbonate production to proxy incorporation*"

25.05.2007

Dr. Thomas Jung, ECMWF, Reading, UK:
"Prognosen des gekoppelten Atmosphäre-Ozean Systems am Europäischen Zentrum für Mittelfristige Wettervorhersagen (EZMW) - von Wochen hin zu Monaten"

01.06.2007

Dr. Tim Rixen, Zentrum für Marine Tropenökologie, Bremen: "The Cuban - European climate connection, a coral based climate reconstruction"

08.06.2007

Dr. Markus Rex, AWI, Potsdam:
"Ozonzerstörung in der polaren Stratosphäre: Einfluss von Klimaänderungen und derzeitiges Verständnis"

15.06.2007 Festkolloquium anlässlich der Verleihung der Ehrenmitgliedschaft der Deutschen Meteorologischen Gesellschaft an Prof. Dr. Lutz Hasse

Dr. Karl Bumke, IFM-GEOMAR, Kiel:
"Niederschlagsmessungen auf See"

Dr. Hein Dieter Behr, Deutscher Wetterdienst, Hamburg:
"Strahlungsmessungen auf See"

Dr. Hans-Jörg Isemer, GKSS,
Geesthacht: "Der Bunker Klima-Atlas"

Prof. Dr. Clemens Simmer, Univ. Bonn, Bonn: "Die Anerkennungsverfahren für beratende Meteorologen durch die DMG"

29.06.2007

Prof. Dr. Bernhard Thalheim, Technologie der Informationssysteme, Institut für Informatik, Universität Kiel: "Data Mining (Achievements, Challenges and Opportunities)"

06.07.2007

Dr. Peter Schlüssel, EUMETSAT, Darmstadt:
"EUMETSAT Polar System: Erste Erfahrungen mit dem Satelliten MetOp"

13.07.2007

Dr. Patrik Kraufvelin, Åbo Akademi, Finland: "A retrospective summary of ten years of experimental eutrophication studies in rocky shore communities"

20.07.2007

Prof. Andreas Oeschler, IFM-GEOMAR, FB2-Biogeochemische Modellierung: "Perspektiven biogeochemischer Modellierung" - Antrittsvorlesung -

01.10.2007

Dr. Dimitri Gutiérrez, Instituto del Mar del Peru, Callao, Peru: "Current Oxygen Minimum Zone research in Peru, with focus in the benthic subsystem and sedimentary paleo-archives"

26.10.2007

Prof. Johann Lutjeharms, Department of Oceanography, University of Cape Town, Cape Town, South Africa: "How we discovered how the Agulhas System works"

02.11.2007 Festkolloquium anlässlich der Verabschiedung von Prof. Dr. Rolf H. Kaese

Dr. Andreas Macrandar, AWI Bremerhaven: "Denmark Strait Overflow - Topographic control and climate sensitivity of the densest overflow across the Greenland-Scotland Ridge"

Dr. Armin Köhl, Institut für Meereskunde, Hamburg: "Generation and stability of a quasi-stationary eddy in the Lofoten Basin

- a paradigm for fundamentals of eddy dynamics"

Prof. Dr. Thomas B. Sanford, University of Washington, Seattle, WA, USA: "When the going gets rough on ocean experiments under harsh condition"

09.11.2007

Dr. Karsten Friis, Pennsylvania State University, University Park, Pennsylvania, USA: "The Marine Calcium Carbonate Cycle - Solutions from Observations and Models"

16.11.2007

Dr. Kirsten Habicht, Biological Institute, University of Southern Denmark, Odense, Denmark: "The marine sulfur cycle - today and in the past"

29.11. and 30.11.2007: Sonderkolloquium im Zusammenhang mit der Nachfolge Prof. Schnack

Dr. Catriona Clemmesen-Bockelmann, IFM-GEOMAR, Kiel: "Die Rolle des Nektons in einer sich ändernden Welt"

Prof. Dr. Boris Culik, F³, Kiel: "Beifang und andere "Kollateralschäden" anthropogener Aktivitäten: Perspektiven für eine nachhaltigere Nutzung mariner Ressourcen"

Prof. Dr. Harry Palm, Univ. Düsseldorf, Düsseldorf: "Das marine Nekton und seine Pathogene: Neue Methoden zur Analyse von Ökosystemfunktionen und Umweltveränderungen"

Prof. Dr. Thorsten Reusch, Univ. Münster, Münster: "Evolutionsoökologie des Nektons, eine Forschungsperspektive"

Dr. habil. Franz Hölker, JRC, Ispra: Italy: "Indirekte Interaktionen in aquatischen Ökosystemen: die Bedeutung des Nektons und der Fischerei"

07.12.2007

Dr. Jürgen Grötsch, Head of Geological Services, Shell E&P Europe, Assen, The Netherlands: "The changing world of International Oil Companies: An example from the Jurassic Arab Formation in the Middle East"

14.12.2007 Festkolloquium anlässlich der Verabschiedung von Prof. Dietrich Schnack

Prof. Dr. B.R. MacKenzie: Technical University of Denmark, Danish Institute for Fisheries Research, Department of Marine Ecology and Aquaculture, Silkeborg, Denmark: "The North Sea-Baltic Sea Fish Fauna During the Warm Atlantic Period (ca. 7000-3900 BC): Forerunner of Future Changes?"

Dr. habil. G. Hubold, ICES Generalsekretär, ICES, Copenhagen, Denmark: "Internationale Zusammenarbeit in der Meeresforschung"

Dr. F.W. Köster, Danish Institute of Fisheries Research, Lyngby, Denmark "20 Jahre Rekrutierungsforschung in der Ostsee"

18.12.2007

Prof. Edouard Bard, College de France, CEREGE, Aix-en-Provence, France: "The tropical record of the last deglaciation and abrupt climate changes"

Seminar

Sonderforschungsbereich 574

17.01.2007

Vera Ponomareva, Institute of Volcanology and Seismology, Kamchatka, Russia: "The largest Holocene explosive eruptions in the Kamchatka peninsula, NW Pacific, and their tephra as a tool in volcanological and paleoseismological research"

08.02.2007

Warner Brückmann, IFM-GEOMAR: "Mud volcano flux rates & seismicity from pore pressure monitoring"

08.03.2007

Lucy MacGregor, OHM, Southampton, UK: "Offshore electromagnetics for hydrocarbon exploration: moving beyond the image"

19.04.2007

Wendy Perez, IFM-GEOMAR: "Basaltic Plinian and violent Surtseyan eruptions from the Masaya Caldera Complex, Nicaragua"

05.07.2007

Arne Willner, Ruhr-Universität Bochum: "100 Millionen Jahre zyklischer Massenfluss im jungpaläozoischen Küstenakkretionskeil Zentralchiles"

19.07.2007

Francois van der Straaten, IFM-GEOMAR: "Blueschist-facies rehydration of eclogites: constraints on subduction channel fluid-rock interaction from the Tian Shan (China)"

16.08.2007

Mauricio Mora, IFM-GEOMAR: "Multidisciplinary approach to study the seismic risk in the Talamanca range, South Costa Rica"

23.10.2007

Karthik Iyer, Physics of Geological Processes, Oslo, Norway: "Mechanisms of serpentinization: chemical and mechanical effects" (joint SFB 574 / Excellence Cluster seminar)

01.11.2007

Carolina Pérez Garcia, Tromsø Univ., Tromsø, Norway: "High-resolution seismic identification of the caldera system and dynamics of the Håkon Mosby Mud Volcano, Barents Sea slope"

15.11.2007

Monica Ivandic, IFM-GEOMAR: "Serpentinization of the incoming plate offshore Central America"

15.11.2007

Kirstin Krüger, IFM-GEOMAR: "Modelling the atmospheric and climatic effects of volcanic eruptions"

22.11.2007

Steffen Kutterolf, IFM-GEOMAR: "Magma and volatile fluxes along the Central American Volcanic Arc with implications for volcanic hazards"

22.11.2007

David Völker, IFM-GEOMAR: "Structures and hazards of mass wasting at the central Chilean forearc"

29.11.2007

Yvonne Dzierma and **Heidi Wehrmann**, IFM-GEOMAR: "Investigating the relationships between tectonic structures and stresses and volcanic and magmatic evolution at Villarrica volcano, Chile"

29.11.2007

Christian Hensen, IFM-GEOMAR: "The forearc hydrologic systems at erosional and accretionary margins"

12.12.2007

Flavio Anselmetti, Swiss Federal Institute of Aquatic Science & Technology (Eawag), ETH Zürich, Switzerland: "The paleoenvironment of Yucatan: A story of climate change and Maya impact"

Seminar Research Division 1

16.04.2007

Prof. Dr. Martin Frank, IFM-GEOMAR, Kiel: "Tracing past ocean circulation with Nd isotopes"

23.04.2007

Prof. Dr. Niklas Schneider IPRC, University of Hawaii, Honolulu, HI, USA: "The Kuroshio Large Meander in a global, eddy-resolving ocean hindcast"

07.05.2007

Prof. Dr. Mojib Latif, IFM-GEOMAR, Kiel: "Ist das Klima vorhersagbar?"

14.05.2007

Dr. Xiuhua Zhu, MPI for Meteorology, Hamburg: "Low frequency variability of the Meridional Overturning Circulation"

21.05.2007

Dr. Markus Dengler, IFM-GEOMAR, Kiel: "Upper ocean mixing processes in the equatorial tropical Atlantic"

01.06.2007

Ricardo De Pol-Holz, WHOI, Woods Hole, USA: "The Late Quaternary history of nitrogen removal from the eastern South Pacific: Causes and consequences"

04.06.2007

Dr. Carsten Eden, IFM-GEOMAR, Kiel: "Towards a simple mesoscale eddy closure"

11.06.2007

Prof. Dr. Richard Greatbatch, Dalhousie University, Halifax, Canada: "The dispersal of wind-generated near-inertial energy in the ocean"

25.06.2007

Enno Schefuss, Institut für Geowissenschaften, Universität Kiel, Kiel: "Assessing past continental hydrologic and temperature changes with novel molecular-isotopic approaches"

26.06.2007

Audine Laurian, CNRS/IRD/Université Pierre et Marie Curie, Paris, France: "Surface generation of poleward propagating spiciness anomalies in the North Atlantic Ocean"

27.06.2007

Prof. Dr. John Marshall, MIT, Cambridge, MA, USA: "GFD experiments in climate"

28.06.2007

Dr. Anne-Marie Treguier, IFREMER, Brest, France: "Upper ocean meridional circulation in a numerical model of the Antarctic Circumpolar Current"

29.10.2007

Björn Backeberg, University of Cape Town, Cape Town, South Africa: "A statistical validation approach of a Hybrid Coordinate Ocean Model of the Agulhas Current system"

05.11.2007

Dr. Achim Wirth, LEGI, Grenoble, France:
"Schiefe Konvektion im Ozean/Slantwise convection in the ocean"

12.11.2007

Dr. Vladimir A. Semenov, IFM-GEOMAR:
"Can the Arctic warm the Earth? A role of high-latitude surface heat sources for the Northern Hemisphere temperature variability."

19.11.2007

Prof. Dr. Martin Visbeck, IFM-GEOMAR, Kiel:
"The Southern Annular Mode and the Southern Ocean"

10.12.2007

Dr. Noel Keenlyside, IFM-GEOMAR, Kiel:
"Tropical variability and predictability: Similarities and differences among basins"

17.12.2007

Prof. Dr. Mojib Latif, IFM-GEOMAR, Kiel: "Do we understand the climate of the last thousand years?"

Seminar Research Division 2

15.01.2007

L. Hoffmann, IFM-GEOMAR, Kiel: "Adaptation mechanisms of Antarctic phytoplankton to persistent iron limitation"

22.01.2007

Christian Schlosser, IFM-GEOMAR, Kiel:
"Solubility measurements of complexed iron species in seawater"

05.02.2007

Prof. Markus Bleich, Christian-Albrechts-Universität, Kiel: "Physiologische Techniken und Beispiele zur Untersuchung der zellulären pH Regulation"

19.02.2007

P. Nuß, IFM-GEOMAR, Kiel: "Measurements of ^{15}N in nitrate/nitrite samples using GC-IRMS"

12.03.2007

Dr. St. Sievert, Woods Hole Oceanographic Institution, Woods Hole, MA, USA: "Energy in the Dark: Fuel for life at Deep-Sea Hydrothermal Vents and Beyond"

16.04.2007

Dr. M. Gehlen, Laboratoire des Science du Climat et de L'Environnement, Gif-sur-Yvette, France: "Forecasting the response of ocean biogeochemistry to global change: Case studies with the NEMO/PISCES model"

23.04.2007

Susanne Wilken, IFM-GEOMAR, Kiel: "Influence of iron limitation on diatom valve stability and silica metabolism"

07.05.2007

Chr. Ostrau, IFM-GEOMAR, Kiel: "Primärproduzenten und Primärkonsumenten als mögliche Methanquellen in der westlichen Ostsee?"

14.05.2007

Dr. D. Schmidt, University of Bristol, Bristol, UK: "Foraminiferal growth - from carbonate production to proxy incorporation"

21.05.2007

Dr. Markus Pahlow, IFM-GEOMAR, Kiel:
"Adaptive Plankton Model for the North Atlantic"

04.06.2007

Prof. Dr. Kirstin Krüger, IFM-GEOMAR, Kiel:
"Long-term climatology of transport processes in the Tropical Tropopause Layer during NH winter"

18.06.2007

Maria-Paola Intermaggio, IFM-GEOMAR, Kiel: "Effect of nitrate and ammonium on nitrogen fixation of marine cyanobacteria"

25.06.2007

Alexander Davidov, IFM-GEOMAR, Kiel:
"Ocean colour satellite remote sensing of phytoplankton standing stock, surface hydrography processes as well as spatial and temporal variability of primary production in the western Black Sea"

02.07.2007

PD Dr. H. Westphal, RCOM-MARUM, Bremen:
"Karbonate vor Mauretanien: atypische tropische Sedimente"

09.07.2007

Christian Schlosser, IFM-GEOMAR, Kiel:
"Preliminary results of Polarstern cruise ANTXXIII-9"

05.11.2007

Dr. Iris Kriest, IFM-GEOMAR, Kiel: "POM sinking in large-scale models of marine biogeochemical cycles: its parameterisation, implicit assumptions and relation to surface ocean processes"

05.11.2007

Dr. M. Pahlow, IFM-GEOMAR, Kiel: "Motions in Mixed Layers: Dynamic vs. Steady State Simulations"

12.11.2007

Prof. Dr. Ulf Riebesell and **Prof. Dr. Douglas W.R. Wallace**, IFM-GEOMAR, Kiel: "New Infrastructure for Biogeochemistry Research: Off-shore Mesocosms and the Cape Verde Observatory"

19.11.2007

Björn Fiedler, IFM-GEOMAR, Kiel: "A Novel Device for the Determination of Nitrate in Seawater - Lab and Field Measurements"

19.11.2007

Annette Kock, IFM-GEOMAR, Kiel: "Methane Measurements in Selected Ocean Areas: Eastern Tropical North Atlantic Ocean and Southwestern Labrador Sea"

26.11.2007

Dr. R. Armstrong, Stony Brook University, Stony Brook, NY, USA: "Optimization-based modeling of acclimation and adaptation in planktonic ecosystems"

03.12.2007

Tobias Steinhoff, IFM-GEOMAR, Kiel: "The nitrate versus mixed layer depth relationship and its implication for $p\text{CO}_2$ predictions"

17.12.2007

Dr. D. Kline, University of Queensland, Queensland, Australia: "Future Reefs: The impacts of pollution and global climate change on coral reefs"

Seminar of the Research Unit Maritime Meteorology

01.02.2007

Dr. T. Kunz, Universität Hamburg, Hamburg:
"Response of tropospheric synoptic systems to stratospheric flow conditions"

26.04.2007

Prof. Dr. K. Krüger, IFM-GEOMAR, Kiel: "Update from the group" & "The 2005/06 NH winter from the tropical tropopause to the polar mesosphere: How unusual was it?"

31.05.2007

J.-J. Lua, JAMSTEC, Kanagawa, Japan: "ENSO and IOD (Indian Ocean Dipole) predictions in the SINTEX-F coupled GCM"

07.06.2007

W. Brunn, IFM-GEOMAR, Kiel: "Die tropische Tropopausenregion"

14.06.2007

Dr. J. Quaas, Max-Planck-Institut für Meteorologie, Hamburg: "Indirect Aerosol Effect"

21.06.2007

Dr. S. Tegtmeier, Environment Canada, Toronto, Canada: "Variationen der stratosphärischen Residualzirkulation und ihr Einfluss auf die Ozonverteilung"

05.07.2007

J. Flöter, R. Hand and Prof. Dr. K. Krüger, IFM-GEOMAR, Kiel: "Einfluss von Vulkanausbrüchen auf die Atmosphäre in ECHAM-Simulationen"

A. Wassmann, IFM-GEOMAR, Kiel: "Mikrowellenradiometermessungen auf "Polarsternfahrt" ANT-XXIII-10"

06.07.2007

Dr. P. Schlüssel, EUMETSAT, Darmstadt: "EUMETSAT Polar System: Erste Erfahrungen mit dem Satelliten MetOp" (s.a. Kolloquium)

19.07.2007

Dipl.-Met. N.-E. Omrani, IFM-GEOMAR, Kiel: "Dynamik des gekoppelten Systems Troposphäre/ Stratosphäre"

Other Seminars & Presentations

05.01.2007

Dr. V. Balaram, National Geophysical Research Institute, Hyderabad, India: "Recent Advances in ICP-MS Instrumentation and Applications"

23.01.2007

Dr. D. Foustoukos, University of Minnesota, USA: "Volatility of aqueous species: The effect of supercritical phase separation"

26.02.2007

Prof. Dr. Klaus Wallmann, IFM-GEOMAR, Kiel: "Gashydrate und CCS"

24.04.2007 Visit Min. Schavan

Prof. Dr. Klaus Wallmann, IFM-GEOMAR, Kiel: "Ozean der Zukunft"

24.04.2007 Scientific Advisory Board meeting: evaluation, FB4

Dr. Svend Duggen, IFM-GEOMAR, Kiel: "Surface ocean fertilisation: Role of volcanoes"

Christian Timm, IFM-GEOMAR, Kiel: "The Origin of Cenozoic Intraplate Volcanism

on the New Zealand Micro-Continent Zealandia"

25.04.2007 Scientific Advisory Board meeting

Prof. Dr. Klaus Wallmann, IFM-GEOMAR, Kiel: "Future Ocean"

Prof. Dr. Klaus Wallmann, IFM-GEOMAR, Kiel: "Gashydrates and CCS"

27.04.2007 Board of Governors meeting

Prof. Dr. Klaus Wallmann, IFM-GEOMAR, Kiel: "Gashydrate und CCS"

08.05.2007 Taiwanese delegation visit

Prof. Dr. Klaus Wallmann, IFM-GEOMAR, Kiel: "Future Ocean"

16.05.2007 JAMSTEC delegation visit

Prof. Dr. Klaus Wallmann, IFM-GEOMAR, Kiel: "Future Ocean"

12.06.2007 – Sonderkolloquium – (im Rahmen der Besetzung der W2-Professur für Marine Geophysik)

Dr. Christian Berndt, University of Southampton, UK: "Focused fluid flow systems in continental margins – Implications and recent advances"

Prof. Dr. T. Bohlen, TU Freiberg: "Seismic imaging of the sub-marine crust by full waveform tomography"

PD Dr. M. Bohnhoff, GFZ Potsdam: "Active seismic profiling and passive seismic monitoring: Case studies and perspectives"

PD Dr. Ch. Hübscher, Universität Hamburg: "Fluid flow across the gas hydrate and salt barrier"

Dr. Nina Kukowski, GFZ Potsdam: "4D imaging of continental margin processes"

29.06.2007

Dr. G. Kimura, University of Tokyo, Japan: "A comparative study on modern and ancient seismogenic arc-of-sequence thrusts in accretionary prism"

02.07.2007

Prof. Dr. Mojib Latif, IFM-GEOMAR, Kiel: "Klimawandel"

13.07.2007

Prof. Dr. Kirstin Krüger and Dr. Birgit Quack, IFM-GEOMAR, Kiel: "Untersuchung von sehr kurzlebigen Bromverbindungen im Ozean und ihre Transportwege bis in die Stratosphäre" (Scientific Council)

28.08.2007

Dr. M. Kawamiya, Frontier Research Center for Global Changes, JAMSTEC, Japan: "Geographical distribution of climate-carbon cycle feedbacks"

30.08.2007

Prof. Dr. Kirstin Krüger, IFM-GEOMAR, Kiel: SFB 574 retreat "Subproject C5 in phase III: Modelling climate effects/feedbacks and subduction processes"

14.09.2007 NOCS delegation visit

Prof. Dr. Klaus Wallmann, IFM-GEOMAR, Kiel: "Future Ocean"

24.09.2007

Prof. Dr. Colin W. Devey, IFM-GEOMAR, Kiel: "Ozeanbodenforschung und Meeresgeologie"

05.10.2007

Dr. D. Coumou, ETH, Zürich, Switzerland:

"The dynamics of mid-ocean ridge hydrothermal systems"

23.10.2007

Dr. K. Iyer, University Oslo, Norway: "Mechanisms of serpentinization: chemical and mechanical effects"

29.11.2007

Prof. Dr. M. Bouabdellah, University of Oujda, Morocco: „Geochemistry and petrology of carbonatites from the Tamezert igneous complex (High Atlas mountains, Central Morocco)",

03.12.2007

Tobias Steinhoff, IFM-GEOMAR, Kiel: "The nitrate versus mixed layer relationship and its implication for ΔpCO_2 predictions"

7.5 Expert Activities

Bange, H.W.:

- Member, Joint SOLAS/IMBER carbon Implementation group
- Co-chair, WG 3 of COST Action 735: Tools for Assessing Global Air-Sea Fluxes of Climate and Air Pollution Relevant Gases

Behrmann, J.H.:

- Member, Science Advisory Group, International Continental Drilling Program (ICDP)
- Member, Advisory Group, Konferenz der Geowissenschaftlichen Fachbereiche der Bundesrepublik Deutschland (Geokonferenz)
- Member, Board of Governors, Geoforschungszentrum Potsdam
- Member, Science Planning Committee (SPC), Integrated Ocean Drilling Program (IODP)
- Scientific Advisor (PhD candidates) University of Freiburg
- Scientific Coordinator, DFG-SPP "SAMPLE" (South Atlantic)
- Scientific Coordinator, DFG-SPP IODP/ODP

Böning, C.:

- Member, CLIVAR Working Group on Ocean Model Development
- Member, Science Advisory Board of the German Climate Computer Centre (DKRZ)
- Member, Science Steering Committee of the High-Performance Computing Centre (HLRN)
- Member, Scientific Advisory Group, Community Earth System Models (COSMOS) initiative

Brandt, P.:

- Co-chair, AMMA International, Task Team 6: Oceanic campaigns
- Chair, CLIVAR-TACE observations working group
- Member, CLIVAR Atlantic Implementation Panel

Clemmesen, C.:

- Member, Deutsche Wissenschaftliche Kommission für Meeresforschung (DWK)
- Member, ICES Working Group on Recruitment Processes

Cotrim da Cunha, L.:

- Expert Reviewer - IPCC Fourth Assessment Report – Working Groups I and II

Croot, P.L.:

- Member, International GEOTRACES Standards and Intercalibration Committee
- Member, EU COST Workgroup Action 735: Tools for Assessing Global Air-Sea Fluxes of Climate and Air Pollution Relevant Gases.
- Member, QUEST Working group: Dust record on Glacial-Interglacial Timescales

Dengler, M.:

- Member, CLIVAR TACE Observational Steering Committee

Dullo, W.-Chr.:

- Representative of Germany, CIESM
- Chair, Scientific Advisory Board, Deutsches Meeresmuseum Stralsund
- Chair, Verein zur Förderung der GeoUnion Alfred-Wegener-Stiftung e.V.

- Member, Executive Committee, Geologische Vereinigung
- Member, Scientific Advisory Board, „Forschungsdialog: System Erde“, Leibniz Institut für Pädagogik der Naturwissenschaften Kiel
- Member, Award Committee for Humboldt- and Wilhelm Bessel Research Awards, Alexander von Humboldt Foundation
- Member, Committee for Scientific Libraries and Information Systems, DFG
- Member, Advisory Board, International Year of the Reef (IYOR 2008)
- Chair, Bildungsstiftung Schleswig-Holstein

Eisenhauer, A.:

- Member DMG, Leiter der Sektion Geochemie 2007

Frank, M.:

- Member, International Steering Committee, GEOTRACES programme

Flüh, E.:

- Member, SONNE Review Panel (BMBF)
- Member, Review Panel, CONACIT, Chile
- Member, Review Panel, SCIC, Spain
- Member, Review Panel, IRC, Ireland

Froese, R.:

- Coordinator, FishBase Consortium
- Coordinator, AquaMaps Consortium

Hanel, R.:

- Permanent member of the referee board of the German Academic Exchange Service (DAAD)
- German representative, ICES Mariculture Committee
- Member, ICES Working Group on Application of Genetics in Fisheries and Mariculture
- Member, ICES/EIFAC Working Group on Eels
- Member, ICES Working Group on Marine Fish Welfare
- Member, Deutsche Wissenschaftliche Kommission für Meeresforschung (DWK)

Herzig, P.M.:

- Maritime Coordinator of the State of Schleswig-Holstein
- Maritime Ambassador of the European Commission
- Chair, German Marine Research Consortium (until 07.07)
- Member, „Senat und Hauptausschuss“, Deutsche Forschungsgemeinschaft
- Member, Senate Commission on Geosciences, Deutsche Forschungsgemeinschaft
- Chair, Section „Environmental Research“ of the Leibniz Association (WGL)
- Elected Reviewer, Deutsche Forschungsgemeinschaft
- Advisor, United Nations International Seabed Authority
- Member, Board of Governors, Bundesanstalt für Geowissenschaften und Rohstoffe (BGR), Hannover
- Member, Board of Governors, Alfred Wegener Institut für Polar- und Meeresforschung, Bremerhaven
- Member, international START-/Wittgenstein-Jury of the Austrian Research Fund

Hinrichsen, H.-H.:

- Member, ICES Working Group on Model-

ling of Physical/Biological Interactions

Imhoff, J.F.:

- Chairman, ICBS Subcommittee on the Taxonomy of Phototrophic Bacteria
- Scientific steering committee of the International Symposium of Phototrophic Bacteria

Kassens, H.:

- Director, Otto Schmidt Laboratory for Polar and Marine Research, St. Petersburg
- Chair, Working group „Arctic Shelf Seas“ of ICARP II (International Conference on Arctic Research Planning)
- Chair, Master Program for Applied Marine and Polar Sciences (POMOR)
- Member, Nansen Arctic Drilling Program (NAD)
- Member, International Ocean Drilling Program (IODP) Detailed Planning Group for Arctic Drilling
- Member, International Arctic Polynya Programme (AOSB; IAPP)
- Member, Shelf-Basin Exchange Initiative (AOSB; SBE)
- Member, German Committee of the „International Arctic Science Committee“ and the „Science Committee on Antarctic Research“
- Member, Kommission unabhängiger Sachverständiger zur Beurteilung der Umweltauswirkungen von Forschungstätigkeiten in der Antarktis
- Member, Wissenschaftlicher Beirat der Deutschen Gesellschaft für Polarforschung

Körtzinger, A.:

- Member, Senate Commission for Oceanography of the German Research Foundation
- Member, IMBER Scientific Steering Committee
- Co-chair, Joint IMBER/SOLAS Carbon Group
- Member, CLIVAR Atlantic Panel
- Member, IOCCP Scientific Steering Committee
- Vorstand CAU, Kiel Netzwerk „The Future Ocean“
- Member, DFG Senatskommission für Ozeanographie

Latif, M.:

- Ordentliches Mitglied, Akademie der Wissenschaften in Hamburg

Lehmann, A.:

- Member, Scientific Advisory Board, Deutsches Meeresmuseum Stralsund
- Member, DFN-Verein
- Member, BALTEX Scientific Steering Group
- Chair, BALTEX Working Group on BALTIC GRID
- Member BALTEX Working Group on Data Management

Lochte, K.:

- Chair, wissenschaftlichen Kommission des Wissenschaftsrates
- Chair, Senatskommission der DFG für Ozeanographie
- Chair, Institut für Chemie und Biologie des Meeres (ICBM), Universität Oldenburg
- Vice-chair, Scientific Committee of IGBP

(International Geosphere-Biosphere Programme)

- Member, Wissenschaftsrat
- Member, Bewilligungsausschuss der Exzellenz Initiative, Deutsche Forschungsgemeinschaft
- Member Advisory Board, Akademie der Wissenschaften in Hamburg
- Member, Scientific Advisory Board, Max-Planck-Institut für Marine Mikrobiologie, Bremen
- Chair, Scientific Advisory Board, Wissenschaftspreis der Annette-Barthelt-Stiftung für junge Meeresforscher
- Jury Wissenschaftspreis WGL "Society needs science"

Macke, A.:

- Vorsitzender des ZV Hamburg der Deutschen Meteorologischen Gesellschaft
- Member, Meteosat Third Generation Mission Team

Müller, T.J.:

- Ocean Facilities Exchange Group (OFEG), German representative, since 2003
- Ocean Fleet Working Group (OFWG), Marine Board, European Science Foundation, 2003-2007

Nürnberg, D.:

- Scientific peer-reviewer, European Science Foundation

Oschlies, A.:

- Member, SCOR GEOTRACES Planning Group

Park, W.:

- Member, Steering Committee of ESPERE Association

Quack, B.:

- Member, EU COST Workgroup Action 735: Tools for Assessing Global Air-Sea Fluxes of Climate and Air Pollution Relevant Gases
- Member, Thesis committee Stefan Raimund, Centre National de la Recherche Scientifique, Roscoff, France

Piatkowski, U.:

- German representative, ICES Living Resources Committee
- Member, ICES Working Group on Cephalopod Life Cycles and Fisheries
- Member, Deutsche Wissenschaftliche Kommission für Meeresforschung (DWK)
- Member, Scientific Steering Committee, Census of Marine Life (CoML) pilot project: Patterns and processes of the ecosystems of the northern mid-Atlantic (MAR-ECO)
- Member, Scientific Advisory Board of the Annette-Barthelt-Foundation
- Member, Cephalopod International Advisory Council (CIAC)

Rumohr, H.:

- Chair, ICES Benthos Ecology Working Group (BEWG)
- Member, ICES Marine Habitat Committee
- Member, ICES Study Group Environmental Health (SGEH)
- Member, ICES Workshop on the use of UWTV surveys for determining abundance in Nephrops stocks throughout European waters (WKNEPHTV)
- Member, Deutsche Wissenschaftliche Kommission für Meeresforschung (DWK).

Schmidt, J.O.:

- Member, ICES Working Group on Zooplankton Ecology
- ICES WGZE: Working group on zooplankton ecology
- ICES PGMERS: Planning group for herring surveys
- ICES HAWG: Herring assessment working group for the area south of 62°N
- ICES SGRECVAP: Study group on recruitment variability in North Sea planktivorous fish

Schnack, D.:

- Chair, Deutsche Wissenschaftliche Kommission für Meeresforschung (DWK)
- Member, ICES, Council of national delegates
- Member, ICES Planning Group for Herring Surveys in the North Sea
- Member, ICES Publication Committee
- Member, Scientific Advisory Board, Deutscher Fischereiverband

Schönfeld, J.:

- Chairman, Foraminifera Group der Micropalaeontological Society
- Sekretär, Subkommission für Kreide-Stratigraphie
- Ordentliches Mitglied, Subkommission für Kreide-Stratigraphie

Schott, F.:

- Member, CLIVAR Indian Ocean Panel (IOP)
- Member, Ocean Observations Panel for Climate (OOPC)

Spielhagen, R.F.:

- Member, Steering Committee, Climate of the Arctic and its Role for Europe (CARE) (EU-SSA)
- Member, German Steering Committee, Arctic Paleoclimate and its Extremes (APEX) (IASC Project)

Sommer, U.:

- Chair, Board of Trustees of the Max-Planck-Institute for Evolutionary Biology, Plön

Tanhua, T.:

- Member, Global Ocean Ship-based Hydrographic Investigations Panel (GO_SHIP)
- Member, CLIVAR Global Synthesis and Observation Panel (GSOP)

Thetmeyer, H.:

- Member, ICES Working Group on Environmental Interactions of Aquaculture (WGEIM)

Visbeck, M.:

- Member, International CLIVAR Scientific Steering Group
- IOC working group Advisory Body of Experts on the Law of the Sea
- Member RAPID Steering Group (NERC, UK)
- Member in GEO (Group on Earth Observations) science and technology
- Member, NOAA-OAR/OGP Climate observing system council
- Member, ICES Hydrography-Committee
- Member, Senatskommission für Ozeanographie der DFG
- Member, Steuergruppe „Mittelgroße Forschungsschiffe“
- Sprecher, Exzellenzcluster „Ozean der Zukunft“ (ab 11/07)

Voigt, S.:

- Chair, Sub-commission on Cretaceous Stratigraphy, Germany

Voss, R.:

- Member, GLOBEC SPACC/IOC Study Group on Regional Scale Ecology of Small Pelagic Fish
- Member, ICES Study Group on Baltic Fish and Fisheries Issues in Support of the Baltic Sea Regional Project
- Member, ICES Study Group on Multispecies Assessments in the Baltic
- Member, ICES Study Group on Multispecies Model Implementation in the Baltic

Wahl, M.:

- Board of Trustees of Terramare, Wilhelmshaven

Wallace, D.W.R.:

- Member, UK SOLAS Steering Committee
- Member Advisory Board, Hanse Wissenschaftskolleg, Delmenhorst
- Member Advisory Board, Institute for Baltic Sea Research, Warnemünde
- Coordinator, TENATSO (EU Specific Support Action)
- Coordinator SOPRAN Project (Surface Ocean Processes in the Anthropocene) National Coordinated Project (BMBF)
- Core Theme Leader and Steering Committee Member, CARBOOCEAN EU Integrated Project
- Co-Theme Leader "Future Ocean" Excellence Cluster Initiative, University of Kiel

Waller, U.:

- Member, Deutsche Wissenschaftliche Kommission für Meeresforschung (DWK)

Wallmann, K.:

- Sprecher Exzellenzcluster (bis 11/07)

Wegner, C.:

- Young Scientist, ICARP II Working Group 6
- Member, ICARP II Marine Round Table
- Member, OMAE Scientific Committee - Coastal Engineering

Willebrand, J.:

- International Panel for Climate Change (IPCC), Convening Lead Author, Fourth Assessment Report

Zumholz, K.:

- Member, ICES Working Group on Cephalopod Life Cycles and Fisheries

7.6 Editorial Boards

Bauch, H.A.:

- Quaternary Science Reviews, Associate Editor (Paleoceanography)

Behrmann, J.H.:

- Member, Scientific Drilling (Editorial Board)

Böning, C.:

- Ocean Modelling (Editorial Board)
- Reviewer for DFG, NSF, UK-NERC

Devey, C.W.:

- Journal of Petrology (Editor)

Dullo, W.-Chr.:

- International Journal of Earth Sciences, IJES, Editor in Chief
- Marine Ecology, Associate Editor
- Facies, Associate Editor

Froese, R.:

- Acta Ichthyologica et Piscatoria (Editorial Board)
- Journal of Applied Ichthyology (Editorial Board)

Gocke, K.:

- Anales del Instituto de Investigaciones Marinas de Punta de Betin, Columbia (Editorial Advisor)
- Anales del Instituto de Ciencias del Mar y Limnologia, Mexico, (Editorial Advisor)
- Revista de Biologica Tropical, Costa Rica, (Editorial Advisor)

Hanel, R.:

- Endangered Species Research (Review Editor)

Hoernle, K.A.:

- Member, International Journal of Earth Sciences
- Editor (Theme), Geochemistry, Geophysics, Geosystems (G-cubed)

Hoppe, H.-G.:

- Vereinigung für Allgemeine und Angewandte Mikrobiologie: Arbeitsgruppe Wasser/Abwasser
- Aquatic Microbial Ecology, Germany, (Review Editor)
- The Journal of Microbiology, Korea, (Advisory Board)

Imhoff, J.F.:

- International Microbiology, (Editorial Board)

Karstensen, J.:

- Progress in Oceanography, Guest Editor
- Journal of Operational Oceanography, Editorial Board

Lehmann, A.:

- Oceanological and Hydrobiological Studies, Editorial Board

Macke, A.:

- Atmospheric Research, Associate Editor
- Meteorologische Zeitschrift, Advisory Board

Matthiessen, B.:

- Redaktionsassistentin Marine Biology, Springer

Oschlies, A.:

- Ocean Dynamics (Editorial Board)
- Ocean Modelling (Editorial Board)

Piatkowski, U.:

- Endangered Species Research (Review Editor).

Riebesell, U.:

- Editor for Biogeosciences
- Member, Faculty of 1000, section "Global Change Ecology" (previous section)

Schnack, D.:

- Journal of Applied Ichthyology (Editor).

Schott, F.:

- Deep-Sea Research I and Deep-Sea Research II, Associate Editor

Spielhagen, R.F.:

- Polar Research, Geosciences Subject Editor

Sommer, U.:

- Protist (Associate Editor).
- Oecologia (Handling Editor).
- International Review of Hydrobiology (Editorial Board).
- Basic and Applied Ecology (Editorial Board).
- Aquatic Sciences (Editorial Board).
- Ecological Studies (Springer) (Series Editor).
- Editor-in-Chief, Marine Biology, Springer

Voigt, S.:

- Newsletters in Stratigraphy, Associate Editor

Wahl, M.:

- Marine Biology (Regional Editor)

7.7 Honors and Awards

Bringmann, G., **Imhoff, J.F.**, Müller, W.E.G:

- Paul-J.-Scheuer-Preis für marine Biotechnologie für hervorragende gemeinsame wissenschaftliche Leistungen auf dem Gebiet der marinen Natur- und Wirkstoffforschung, 16.06.2007 Akademie gemeinnütziger Wissenschaften zu Erfurt

Hasse, L.:

- Verleihung der Ehrenmitgliedschaft der Deutschen Meteorologischen Gesellschaft (DMG)

Hoppe, H.-G.:

- "2007 Lifetime Achievement Award in Aquatic Enzymology" - Enzymes in the Environment", School of Natural Resources, Ohio State University. 15.-18.07.2007, Viterbo, Italy

Keenlyside, N.:

- Emmy-Noether Fellowship of the Deutsche Forschungsgemeinschaft

Schmidt, J.O.:

- Best Poster Award des „4th Zooplankton Production Symposium“ in Hiroshima, 28.05.-01.06.2007

Schott, F.:

- Excellence in Refereeing Award 2007, AGU, Geophysical Research Letters

Tanhua, T.:

- Publication award, IFM-GEOMAR

Wallmann, K.:

- Wissenschaftspreis 2007 der Stadt Kiel

Willebrand, J.:

- Verleihung der Albert-Defant-Medaille von der Deutschen Meteorologischen Gesellschaft (DMG)

IFM-GEOMAR / Deutsche Bank Publications Award 2007

- Dr. Syee Weldeab (FB1)
- Dr. Carsten Eden (FB1)
- Dr. Peter Croot (FB2)
- Dr. Toste Tanhua (FB2)
- Dr. Michael Hügler (FB3)
- Hans-Harald Hinrichsen (FB3)
- Dr. Dirk Kläschen (FB4)
- Dr. Armin Freundt (FB4)
- Dr. Steffen Kutterolf (SFB574)

7.8 Patents

Drossou, A., Ueberschär, B., Rosenthal, H. and Herzig, K.H.: Futterzusatzmittel für die verbesserte Aufzucht von Fischlarven. § 44 PatG, A23 K 1/16 (2006/1). Offenlegung, 13.09.2007

Wahl, M. and **Symanowski, F.**, 2007: Biorepulsive, nicht-biozide Wirkstoffe aus Algen. H 07643, Patentanmeldung, 29.12.2007

8. Teaching Courses 2007

8.1 External teaching courses

Oschlies, A.: Climate Dynamics (SOES6006), National Oceanography Centre Southampton, UK, 07.02.-14.02.2007

Oschlies, A.: Combining data and models - statistical analysis and data assimilation in biogeochemical oceanography, EUR-OCEANS/CARBOOCEAN Summer School 2007, IFM-GEOMAR, Kiel 10.-14.09.2007

Sommer, F.: Forschungsveranstaltung für Hauptfächler: Biologische Meereskunde (50100), Alfred Wegener Institut für Polar- und Meeresforschung, Bremerhaven, July 2007

8.2 Teaching at Christian-Albrechts-Universität zu Kiel

Please note: This is an extract of the official course listing of the Christian-Albrechts-Universität zu Kiel. IFM-GEOMAR staff in bold.

W I N T E R - T E R M 2006/2007

Physical Oceanography

Introduction to Physical Oceanography I (2)	M. Visbeck
Introduction to Physical Oceanography II (2)	M. Visbeck
Physikalische Ozeanographie III: Globale Schichtung und thermohaline Zirkulation (2)	P. Brandt
Übungen zur Vorlesung: Physikalische Ozeanographie I: Globale Schichtung und thermohaline Zirkulation (2)	M. Dengler
Proseminar zum Praktikum der Physikalischen Ozeanographie (für Nebenfächler) (1)	J. Karstensen
Praktikum der Physikalischen Ozeanographie (für Nebenfächler)	J. Karstensen
Angewandte Programmierübungen UNIX/Fortran/Matlab (für Nebenfächler) (2)	J. Karstensen, P. Brandt
Einführung in die Theoretische Ozeanographie und Meteorologie I: Hydrodynamik (2)	J. Willebrand
Übungen zur Vorlesung: Einführung in die Theoretische Ozeanographie und Meteorologie I: Hydrodynamik (2)	C. Eden
Einführung in die Theoretische Ozeanographie und Meteorologie III: Numerische Methoden in Zirkulationsmodellen (2)	A. Biastoch
Übungen zur Vorlesung: Einführung in die Theoretische Ozeanographie und Meteorologie III: Numerische Methoden in Zirkulationsmodellen (2)	J. Dengg
Seminar für Diplomanden der Physikalischen Ozeanographie (2)	P. Brandt, M. Visbeck, J. Willebrand
Seminar für Doktoranden der Physikalischen Ozeanographie (2)	P. Brandt, M. Visbeck, J. Willebrand
Ozeanographisch-Meteorologisches Seminar (2)	A. Macke, M. Latif, M. Visbeck, D. Dommenges, K. Krüger, P. Brandt, J. Willebrand
Ozeanographisches Seminar für Fortgeschrittene (SFB 460) (until Dec. 2006) (2)	C. Böning, A. Körtzinger, M. Latif, A. Macke, E. Ruprecht, D. Wallace, J. Willebrand

Meteorology

Einführung in die Meteorologie I (2)	A. Macke
Übungen zur Einführung in die Meteorologie I (2)	K. Krüger
Einführung in die Theoretische Ozeanographie und Meteorologie I: Hydrodynamik (2)	J. Willebrand
Übungen zur Vorlesung: Einführung in die Theoretische Ozeanographie und Meteorologie I: Hydrodynamik (2)	C. Eden
Einführung in die Theoretische Ozeanographie und Meteorologie III: Numerische Methoden in Zirkulationsmodellen (2)	A. Biastoch
Übungen zur Vorlesung: Einführung in die Theoretische Ozeanographie und Meteorologie III: Numerische Methoden in Zirkulationsmodellen (2)	J. Dengg
Physikalische Klimatologie (2)	M. Latif
Übungen zur Vorlesung: Physikalische Klimatologie (2)	D. Dommenges
Die Stratosphäre (1)	K. Krüger
Fernerkundung (2)	A. Macke
3D-Strahlungstransport in bewölkten Atmosphären: Grundlagen, numerische Umsetzung und Anwendungen (1)	A. Macke
Seminar Wetteranalyse und -prognose ("Wetterbesprechung") (1)	K. Bumke, T. Martin
Übung zur Wetteranalyse und -prognose (3)	K. Bumke, T. Martin
Seminar für Diplomanden und Doktoranden der Meteorologie (2)	A. Macke, D. Dommenges, K. Krüger, M. Latif
Anleitung zum wissenschaftlichen Arbeiten: Strahlungstransport und Fernerkundung (2)	A. Macke
Anleitung zum wissenschaftlichen Arbeiten: Ozean-Atmosphären Wechselwirkung (2)	D. Dommenges
SFB 460 Seminar (until Dec. 2006)	C. Böning, A. Körtzinger, M. Latif, A. Macke, E. Ruprecht, D. Wallace, J. Willebrand
Ozeanographisch-Meteorologisches Seminar (2)	A. Macke, M. Latif, M. Visbeck, D. Dommenges, K. Krüger, P. Brandt, J. Willebrand

Marine Chemistry

Marine Chemistry I (2)	D.W.R. Wallace
Übungen zur Vorlesung: Marine Chemistry I (1)	H. Bange
Chemical Oceanography (BIO-OCEAN) (6 ECTS)	D.W.R. Wallace
Exercises in Chemical Oceanography (BIOOCEAN) (1)	D.W.R. Wallace, P. Croot
Klimarelevante Spurengase im Ozean (1)	H. Bange
Biogeochemie ausgewählter Meeresgebiete (2)	A. Körtzinger
Marine Photochemistry (1)	P. Croot
Phytoplankton: from genome to ecology (2)	J. LaRoche, P. Croot
Meereschemisches Praktikum II mit Seminar (4)	P. Croot, H. Bange, A. Körtzinger, A. Eisenhauer
Doing Science - Design, Analysis and Communication of Scientific Research (1)	D.W.R. Wallace, A. Körtzinger

Biological Oceanography and Fisheries Biology¹

Grundlagen der Ökologie für Meereskundler (2)	U. Sommer
Seminar des Forschungsbereichs Marine Biogeochemie (2)	U. Riebesell, A. Körtzinger
Introduction to Biological Oceanography and Fishery Biology I (BioOcean) (3)	H.G. Hoppe, J.F. Imhoff, K. Lochte, D. Schnack, U. Sommer, M. Wahl, A. Antia
Übungen zur Vorlesung: Introduction to Biological Oceanography and Fishery Biology I (BioOcean) (1)	H.G. Hoppe, J.F. Imhoff, K. Lochte, D. Schnack, U. Sommer, M. Wahl, A. Antia
Seminar: Experimentelle Ökologie (2)	M. Wahl, M. Zimmer
Seminar: Laufende Arbeiten in der Experimentellen Ökologie (2)	U. Sommer
Epibiosis and Biofouling (1)	M. Wahl
Einführung in die biologische Statistik (3)	D. Schnack
Biologische Grundlagen der modernen Aquakultur (2)	R. Hanel
Biodiversität der Fische (2)	R. Froese
Systematik, Evolution und Biologie der Fische (1)	R. Hanel
Populationsdynamik, Assessment und Management genutzter Fischbestände (2)	<i>J. Gröger</i>
Seminar zur Biologischen Meereskunde und Fischereibiologie (2)	A. Antia, D. Schnack, U. Sommer, R. Hanel, U. Riebesell
Experimentelle Ökologie A: Vom Modell zum Versuch (15)	M. Lenz, M. Wahl, A. Antia
Funktionsmorphologie und Ökologie mariner Wirbelloser (1)	M. Wahl
Experimentelle Ökologie B: Vom Versuch zur Präsentation (4)	M. Wahl, M. Lenz
Angewandte Biostatistik (1)	M. Lenz, M. Wahl
Einführung in die Marine Mikrobiologie (1)	J.F. Imhoff
Seminar der Marinen Mikrobiologie (2)	J.F. Imhoff, H.-G. Hoppe
Biologie und Chemie mariner Wirkstoffe (1)	J.F. Imhoff, G. Lang
Seminar für Diplomanden und Doktoranden (2)	J.F. Imhoff
Kolloquium für Diplomanden und Doktoranden der Ornithologie (2)	<i>S. Garthe</i>
Anleitung zu selbständigen wissenschaftlichen Arbeiten	D. Schnack, R. Hanel
Basisveranstaltung für Hauptfächler: Biologisch-Meereskundliches Großpraktikum (16)	R. Hanel, H.-G. Hoppe, J.F. Imhoff, K. Lochte, D. Piepenburg, U. Riebesell, S. Schiel, D. Schnack, U. Sommer, M. Wahl, K. Gocke, M. Spindler, A. Antia, U. Kubetzki, I. Peeken, U. Piatkowski, H. Rumohr, J. Süling, R. Voss, N. Aberle-Malzahn
Basisveranstaltung für Nebenfächler: Biologisch-Meereskundliches Großpraktikum (16) (mit Seminar)	R. Hanel, H.-G. Hoppe, J.F. Imhoff, K. Lochte, D. Piepenburg, S. Schiel, D. Schnack, U. Sommer, M. Wahl, K. Gocke, K. v. Bröckel, U. Piatkowski, H. Rumohr, J. Süling, R. Voss, A. Antia, U. Kubetzki, N. Aberle- Malzahn

Teaching Courses

Ergänzungsveranstaltung für Nebenfächler
Biologisch Meereskundliches Großpraktikum
(mit Seminar), (BioOcean) (8)

**R. Hanel, H.-G. Hoppe,
J.F. Imhoff, K. Lochte,
D. Piepenburg, S. Schiel,
D. Schnack, U. Sommer,
M. Wahl, K. v. Bröckel,
K. Gocke, U. Piatkowski,
H. Rumohr, J. Süling,
R. Voss, U. Kubetzki,
A. Antia, N. Aberle-
Malzahn**

Cross-disciplinary Courses

Meereskundliches Kolloquium (2)

**Dozenten der
Meereskunde**

ISOS Ringvorlesung "Ozean der Zukunft"

K. Wallmann

¹⁾ Please note that only courses with contributions by IFM-GEOMAR staff are listed.

Geosciences: Geology, Geophysics, Mineralogy¹

Geowissenschaftliches Kolloquium (2)

Dozenten und Assistenten

General Geosciences

Geologische Übungen II (Kartenkunde I) (2)

D. Nürnberg

Blockkurs Geologische Übungen II (Kartenkunde I) (2)

C.W. Devey

Seminar: Geowissenschaften für Anfänger (1)

**V. Schenk, R. Hackney, D.
Nürnberg, S. Schmidt**

Geology Advanced Courses

General and Historical Geology

Einführung in die Tektonik a) Plattentektonik (2)

**R. Schneider,
J.H. Behrmann**

Einführung in die Paläoozeanographie

**R. Schneider,
D. Nürnberg**

Einführung in die Geochemie der Gesteine (2)

K. Hoernle

Gefüge, Petrophysik und Rheologie von Gesteinen

J.H. Behrmann

SFB 574 Seminar

Dozenten des SFB 574

Palaeontology

Blockkurs: Foraminiferen im schleswig-holsteinischen Wattenmeer (2)

J. Schönfeldt, W. Kuhnt

Petrology-Geochemistry

Geochemie und Petrologie magmatischer Systeme (3)

K. Hoernle

Schmelzeinschlüsse in magmatischen Mineralien (2)

Th. Hansteen

Petrologie und Hydrothermalismus der Ozeankruste (2)

**C.W. Devey,
A. Kvassnes,
K. Lackschewitz,
S. Petersen**

Physische Vulkanologie (4)

A. Freundt

Sedimentology und Palaeo-Oceanography

Einführung in die Erdöl- und Erdgasgeologie (2)

W.-Chr. Dullo

Einführung in die Paläoklimamodellierung (2)

**S. Flögel, W.-Chr. Dullo,
R. Schneider**

Seminar Isotopen-Geochemie von Spurenmetallen im Meerwasser (2)

M. Frank, A. Eisenhauer

Seminar für Diplomanden und Doktoranden: Aktuelle
Forschungsergebnisse der marinen Geologie (1)

M. Frank

Seminar IIIa: Karbonatsedimentologie für Diplomanden und Doktoranden (2) **W.-Ch. Dullo, M. Frank**

Forschungs-Seminar: Aktuelle Themen in der Paläoklimaforschung (2) *R. Schneider, M. Weinelt, D. Nürnberg*

Marine Environmental Geology

Einführung in die marine Geochemie I (2)

K. Wallmann

Grundlagen der Isotopenanalyse und Anwendungen in der Geologie (Blockkurs - 2-wöchig) **A. Eisenhauer, M. Frank**

Marine-Isotopen Systeme (1)

A. Eisenhauer

Modellierung biogeochemischer Prozesse II (2)

M. Haeckel, S. Sommer, K. Wallmann

Literatur-Seminar: Marine Umweltgeologie (2)

A. Eisenhauer, K. Wallmann, M. Frank

Geophysics

General Geophysics

Elektromagnetik in der Geophysik: Theorie und Anwendung (1)

M. Jegen-Kulcsar

Applied Geophysics

Marine Geophysik I (2)

I. Grevemeyer

Mineralogy

Basics in Mineralogy

Magmatismus der Erde mit mikroskopischen Übungen (2)

Th. Hansteen, A. Kvassnes

Einführung in die Geochemie der Gesteine (2)

K. Hoernle

Geochemie und Petrologie magmatischer Systeme (3)

K. Hoernle

¹⁾ Please note that only courses with contributions by IFM-GEOMAR staff are listed.

Physical Oceanography

Meßmethoden in der Physikalischen Ozeanographie (2)	M. Visbeck, P. Brandt, J. Fischer, T.J. Müller, L. Stramma
Proseminar zum Praktikum der Physikalischen Ozeanographie (für Hauptfächler) (1)	J. Karstensen
Praktikum der Physikalischen Ozeanographie (für Hauptfächler) (2)	J. Karstensen
Angewandte Programmierübungen UNIX/Fortran/Matlab (2) (für Hauptfächler)	P. Brand, D. Dommengeset, M. Dengler
Proseminar zum Praktikum der Physikalischen Ozeanographie (für Nebenfächler) (1)	J. Karstensen
Praktikum der Physikalischen Ozeanographie (für Nebenfächler) (2)	J. Karstensen
Angewandte Programmierübungen UNIX/Fortran/Matlab (1) (für Nebenfächler)	P. Brandt
Physikalische Ozeanographie IV: Lange Wellen und ozeanische Klimaschwankungen (2) (für Hauptfächler)	M. Visbeck
Übungen zur Vorlesung: IV: Lange Wellen und ozeanische Klimaschwankungen (für Hauptfächler) (2)	P. Brandt
Physikalische Ozeanographie: Ozeanische Wassermassen und Klimaschwankungen (für Nebenfächler) (1)	M. Visbeck
Einführung in die Theoretische Ozeanographie II: Dynamik großräumiger Bewegungen (GFD) (2)	C. Böning
Übungen zur Einführung in die Theoretischen Ozeanographie II: Dynamik großräumiger Bewegungen (GFD) (2)	A. Biastoch
Theorie der Turbulenz (2)	C. Eden
Statistische Analysen in der Klimaforschung (2)	D. Dommengeset
Übungen zur Vorlesung: Statistische Analysen in der Klimaforschung (2)	D. Dommengeset
Arbeitsgemeinschaft Klimadynamik: IPCC 4th Assessment - The Physical Science Basis (2)	C. Böning, M. Latif, A. Macke, M. Frank, W.-Chr. Dullo, M. Visbeck
Seminar für Diplomanden der Physikalischen Ozeanographie (2)	P. Brandt, J. Willebrand, M. Visbeck
Seminar für Doktoranden der Physikalischen Ozeanographie (2)	P. Brandt, J. Willebrand, M. Visbeck
Ozeanographisch-Meteorologisches Seminar: "Global Warming"(2)	W.-Chr. Dullo, M. Latif, M. Frank, M. Visbeck, J. Willebrand
FB1 Seminar (2)	C. Böning, M. Latif, A. Macke, M. Visbeck, D. Nürnberg, C. Eden

Meteorology

Einführung in die Meteorologie II (2)	K. Krüger, A. Macke
Übungen zur Vorlesung Einführung in die Meteorologie II (2)	K. Krüger
Proseminar zum Instrumentenpraktikum (1)	K. Bumke, N. Keenlyside
Meteorologisches Instrumentenpraktikum (5)	K. Bumke, N. Keenlyside
Angewandte Programmierübungen UNIX/Fortran/Matlab (für Hauptfächler) (2)	P. Brandt, D. Dommengeset
Einführung in die Theoretische Meteorologie IV: Allgemeine Zirkulation und Energetik (2)	M. Latif
Übungen zur Einführung in die Theoretischen Meteorologie IV: Allgemeine Zirkulation und Energetik (2)	A. Macke
Statistische Analysen in der Klimaforschung (2)	D. Dommengeset
Übungen zur Vorlesung: Statistische Analysen in der Klimaforschung (2)	D. Dommengeset
Fernerkundung II (2)	<i>E. Raschke</i>
Arbeitsgemeinschaft Klimadynamik: IPCC 4th Assessment - The Physical Science Basis (2)	C. Böning, M. Latif, A. Macke, M. Frank, W.-Chr. Dullo, M. Visbeck
Seminar Wetteranalyse und -prognose ("Wetterbesprechung") (1)	K. Bumke, T. Martin
Übung zur Wetteranalyse und -prognose (3)	K. Bumke, T. Martin
Seminar für Diplomanden der Meteorologie (2)	M. Latif, K. Krüger, A. Macke, D. Dommengeset
Ozeanographisch-Meteorologisches Seminar: "Global Warming" (2)	W.-Chr. Dullo, M. Latif, M. Frank, M. Visbeck, J. Willebrand
FB1 Seminar (2)	C. Böning, M. Latif, A. Macke, M. Visbeck, D. Nürnberg, C. Eden
Anleitung zu selbständigen wissenschaftlichen Arbeiten: Strahlungstransport und Fernerkundung (2)	A. Macke
Anleitung zu selbständigen wissenschaftlichen Arbeiten: Mittlere Atmosphäre-Ozean Wechselwirkung (2)	K. Krüger
Anleitung zu selbständigen wissenschaftlichen Arbeiten: Ozean- Atmosphären Wechselwirkung (2)	D. Dommengeset
Meteorologisches Praktikum für Fortgeschrittene (auf See) (10)	K. Bumke, A. Macke

Marine Chemistry

Allgemeine Meereschemie II (2)	D.W.R. Wallace
Übungen zur Vorlesung Allgemeine Meereschemie II (1)	D.W.R. Wallace, P. Croot
Der marine Kohlenstoffkreislauf (2)	U. Riebesell
Aktuelle Themen der Meereschemie (1)	D.W.R. Wallace
Trace Metal Speciation and Bioavailability in the Marine Environment (Marine Trace Metals) (2)	P. Croot
Marine Photochemistry (1)	P. Croot
Seminar Biogeochemische Modellierung (2)	A. Oschlies
Meereschemisches Praktikum I und Seminar (4)	H. Bange
Meereschemisches Praktikum II und Seminar (4)	P. Croot
Seminar des Forschungsbereichs Marine Biogeochemie (2)	U. Riebesell, A. Körtzinger
Stoffkreisläufe im Meer (2)	H. Bange
Anleitung zu selbständigen wissenschaftlichen Arbeiten	D.W.R. Wallace

Biological Oceanography and Fisheries Biology¹

Einführung in die Biologische Meereskunde II (3)	J.F. Imhoff, U. Sommer, K. Lochte, M. Spindler, M. Wahl, F. Sommer
Übungen zur Biologischen Meereskunde (2)	U. Riebesell, A. Antia
Forschungsveranstaltung für Hauptfächler: Biologische Meereskunde (6)	F. Sommer, J.F. Imhoff, K. Lochte, D. Piepenburg, U. Sommer U. Riebesell, J. LaRoche, H. Rumohr, S. Schiel, J. Süling, M. Wahl, N. Aberle-Malzahn
Ergänzungsveranstaltung für Hauptfächler: Biologische Meereskunde (10)	F. Sommer, J.F. Imhoff, J. LaRoche, K. Lochte, D. Piepenburg, U. Riebesell, U. Sommer, M. Wahl, K. Gocke, H. Rumohr, S. Schiel, J. Süling, M. Wahl, N. Aberle-Malzahn
Planktologisch-Meereskundliches Praktikum auf See (2-wöchig)	K. Lochte
Praktikum auf See (FS ALKOR) im Rahmen von Bio-Ocean	K. Lochte
Biogeochemische Kreisläufe und Klimadynamik (2)	A. Oschlies, K.W. Wirtz
Einführung in die Modellierung	K.W. Wirtz, A. Oschlies
Scientific communication: critical evaluation and writing skills (2)	A. Antia
Seminar Biogeochemische Modellierung (2)	A. Oschlies
Seminar des Forschungsbereichs Marine Biogeochemie (2)	U. Riebesell
Angewandte Biostatistik (1)	M. Lenz
Seminar Experimentelle Ökologie (1)	U. Sommer
Aktuelle Themen aus der Forschung der aquatischen Mikrobiologie (1)	H.-G. Hoppe
Ergänzungskurs Molekulare Mikrobiologie	J.F. Imhoff, J. Süling, M. Hügler
Experimentelle Ökologie A: Vom Modell zum Versuch (3)	M. Lenz, M. Wahl
Experimentelle Ökologie B: Vom Versuch zur Präsentation (4)	M. Lenz, M. Wahl
Fundamentals of Biostatistics (2)	J. Gröger
Laufende Arbeiten in der experimentellen Ökologie (1)	U. Sommer
Bestimmungsübungen an Meerestieren mit Exkursionen (Ergänzungsveranstaltung) (4)	H. Gonschior, H. Rumohr, M. Wahl
Seminar zur Benthosökologie (Limnologie und Meeresbiologie)	M. Wahl, M. Zimmer
Seminar der Marinen und Molekularen Mikrobiologie (2)	J.F. Imhoff
Seminar Molekulare Mikrobiologie (2)	J.F. Imhoff, J. Süling
Biologie und Nutzung mariner Fischbestände (2)	D. Schnack
Aktuelle Themen aus Fischereibiologie und Aquakultur (1)	D. Schnack, R. Hanel, H.-H. Hinrichsen, R. Froese, U. Piatkowski, T. Thetmeyer, B. Ueberschär, R. Voss, U. Waller
Forschungsveranstaltung für Hauptfächler: Fischereibiologie (6)	D. Schnack, R. Hanel, R. Froese, U. Piatkowski
Ergänzungsveranstaltung für Hauptfächler: Fischereibiologie (10)	D. Schnack, R. Hanel, R. Froese, U. Piatkowski
Seminar zur Fischereibiologie (2)	D. Schnack, R. Hanel
Fundamentals of Biostatistics (2)	J. Gröger
Anleitung zu selbständigen wissenschaftlichen Arbeiten	D. Schnack, R. Hanel

¹) Please note that only courses with contributions by IFM-GEOMAR staff are listed.

Cross-disciplinary CoursesMeereswissenschaftliches Kolloquium (2) *Professoren und Dozenten des IFM-GEOMAR***Geosciences: Geology, Geophysics, Mineralogy¹**Geowissenschaftliches Kolloquium (2)
SFB 574 Seminar*Dozenten und Assistenten*
Dozenten des SFB 574**General Geosciences**

Seminar Geowissenschaften für Anfänger (1)

R. Schneider, D. Nürnberg, T. Blanz

Erdgeschichte: Allgemeine Stratigraphie (2)

D. Nürnberg,
W.-Chr. Dullo**Applied Geosciences**

Geophysikalische Feldmessungen für Anfänger Kurs III (4)

R. Mahatsente, H. Kopp

Geophysikalische Feldmessungen für Anfänger Kurs IV (4)

R. Hackney,
I. Grevemeyer**Geology Advanced Courses****General and Historical Geology**

Tektonik: Strukturgeologie (2)

R. Schneider,
J.H. Behrmann

Die Kreide Mitteleuropas (2)

J. Schönfeld**Petrology-Geochemistry**

Isotopengeochemie und Altersbestimmung (2)

K. Hoernle, P. v.d. Bogaard, *R. Halama*

Magmatische Prozesse und Plattentektonik (2)

K. Hoernle, S. Duggen

Fluid- und Schmelzeinschlüsse in magmatischen Mineralien

T. Hansteen

Petrologie und Geochemie magmatischer Systeme (3)

K. Hoernle

Physische Vulkanologie (4)

A. Freundt, S. Kutterolf**Sedimentology and Palaeoceanography**

Isotopenstratigraphie

M. Frank

Seminar für Diplomanden & Doktoranden: Aktuelle Forschungsergebnisse der marinen Geologie (1)

M. Frank

Seminar IIIa: Karbonatsedimentologie für Diplomanden & Doktoranden (2)

W.-Ch. Dullo, M. Frank**Marine Environmental Geology**

Einführung in die marine Geochemie II (2)

K. Wallmann

Marine Isotopensysteme

A. Eisenhauer

Isotopenstratigraphie

M. Frank

Radioaktive Ungleichgewichtsmethoden

A. Eisenhauer

Literatur-Seminar: Marine Umweltgeologie (2)

A. Eisenhauer,
K. Wallmann, M. Frank**Excursions**

Petrologische Geländeübung Gran Canaria (3)

H.-U. Schmicke

Geologie der Albula Querzone: Stratigraphie und Tektonik zwischen Unter- und Oberostalpin

W.-Chr. Dullo

Geologischer Kartierkurs, Kristallin, Ägais

J.H. Behrmann

Geophysics Advanced Courses

Applied Geophysics

Marine Geophysik II (2)

I. Grevemeyer

Practicals, seminars and field work

Moderne Mess- und Auswertemethoden in der marinen Geodynamik
(2)

***A. Krabbenhöft,
C. Papenberg***

Seminar: Aktuelle Forschungsthemen in der marinen Geodynamik
(2)

J.H. Behrmann, H. Kopp

¹⁾ Please note that only courses with contributions by IFM-GEOMAR staff are listed.

9. Acronyms

AABW	Antarctic Bottom Water
AAIW	Antarctic Intermediate Water
AARI	Institut für Arktis- und Antarktisforschung St. Petersburg/Russia
ACC	Antarctic cCrcumpolar Current
ACCENT	
ACME	Advisory Committee for the Environment
ACSYS	Arctic Climate System Study
ADCP	Acoustic Doppler Current Profiler
AGCM	Atmospheric General Circulation Model
AGU	American Geophysical Union
AMAM	Automated nutrient analysis
AMMA	African Monsoon Multidisciplinary Analyses/
AMS	American Meteorological Society
AMSU	Advanced Microwave Sounding Unit
ANIMATE	Atlantic Network of Interdisciplinary Moorings and Timeseries for Europe
APEX	Arctic Paleoclimate and its Extremes
ASFA	Aquatic Sciences and Fisheries Abstracts
ASLO	American Society of Limnology and Oceanography
AtlantNIRO	Atlantic Scientific Research Institute of Marine Fisheries and Oceanography, Russia, Kaliningrad, Russia
AUV	Autonomous Underwater Vehicle
AVHRR	Advanced Very High Resolution Radiometer
AWI	Alfred Wegener Institut für Polar- und Meeresforschung, Bremerhaven
BAHC	Biospheric Aspects of the Hydrological Cycle (IGBP)
BALTEX	Baltic Sea Experiment
BALTIMOS	BALTEX - Integral Model System
BASIC	Baltic Sea cyanobacteria
BASYS	Baltic Sea System Study
BATS	Bermuda Atlantic Time series Study
BECAUSE	Critical Interactions BEtween Species and their Implications for a PreCAUTIONary
BEQUALM	Biological effects quality assurance in monitoring programmes
BfA	Bundesforschungsanstalt für Fischerei
BfN	Bundesamt für Naturschutz
BGR	Bundesanstalt für Geowissenschaften und Rohstoffe
BIO	Bedford Institute for Oceanography
BioCoMBE	The Impact of Biodiversity Changes in Coastal Marine Benthic Ecosystems
BMBF	Bundesministerium für Bildung und Forschung
BMVEL	Bundesministerium für Verbraucherschutz, Ernährung und Landwirtschaft
BSH	Bundesanstalt für Seeschifffahrt und Hydrographie
BSIOM	Baltic Sea Ice Ocean Model
BSR	Bottom-Simulating-Reflector
BSSC	Building Seismic Safety Council
CACGP	Commission for Atmospheric Chemistry and Global Pollution
CARINA	Carbon dioxide in the Atlantic Ocean
CAU	Christian-Albrechts-Universität zu Kiel
CAVA	Central American Volcanic Arc
CAVASSOO	Carbon variability studies by ships of opportunity
CCC	Cod and Climate Change
CCCC	Climate Change and Carrying Capacity
CCMVal	Chemistry-Climate Model Validation
CDIAC	Carbon Dioxide Information Analysis Center, Oak Ridge, USA
CEFAS	Centre for Environment, Fisheries and Aquaculture Science, Lowestoft, UK
CFCAS	Canadian Foundation for Climate and Atmospheric Sciences (CDN)
CIESM	Commission internationale pour l'exploration scientifique de la mer Méditerranée
CIMAS	Cooperative Institute for Marine and Atmospheric Studies, Miami, USA
CIRAMOSA	Compilation of regional cirrus macro- and microphysical properties
CLIVAR	Climate Variability and Predictability Programme (WCRP)
CLIWA-Net	Cloud Liquid Water Network (BALTEX)
CMS	Commission on Moving Species
COADS	Comprehensive Ocean-Atmosphere Data Set
CoML	Census of Marine Life
COMWEB	Comparative analysis on coastal planktonic food webs
CORE	Cod recruitment in the Baltic (EU project)
CRCES	Center for Research on the Changing Earth System
CRIMP	Center of Research on Marine Introduced Pests (Australia)
CSIRO	Commonwealth Scientific & Industrial Research Organisation (Australia)
CTD	Conductivity-Temperature-Depth
DACH	Deutsch-Österreichisch-Schweizerische Meteorologentagung
DCESS	Danish Centre for Earth System Science
DFG	Deutsche Forschungsgemeinschaft (German Research Council)
DGG	Deutsche Geologische Gesellschaft

Acronyms

DGHM	Deutsche Gesellschaft für Hygiene und Mikrobiologie
DGL	Deutsche Gesellschaft für Limnologie
DGM	Deutsche Gesellschaft für Meeresforschung
DGP	Deutsche Gesellschaft für Protozoology
DIFRES	Danish Institute for Fisheries Research, Lyngby, Denmark
DIGENIT	Diversität nitratreduzierender Bakterien (BMBF Project)
DIVA	Latitudinal gradients of deep-sea bio DIV ersity in the A tlantic Ocean
DLR	Deutsche Gesellschaft für Luft- und Raumfahrt
DMG	Deutsche Meteorologische Gesellschaft
DMS	Dimethyl sulphide
DMSP	dimethyl sulfonium propionate
DOMINOE	Dissolved organic matter as a component of ocean ecosystem and carbon cycle
DON	Dissolved organic nitrogen
DPG	Differential Pressure Gauge
DWBC	Deep Western Boundary Current
DWD	Deutscher Wetterdienst
DWK	Deutsche Wissenschaftliche Kommission für Meeresforschung
DYNAMO	Dynamics of North Atlantic Models
EARSeL	European Association of Remote Sensing Laboratories
EAS	European Aquaculture Society
EASIZ	Ecology of the Antarctic Sea Ice Zone
ECCO	Estimating the Circulation of the Ocean
ECMWF	European Centre for Medium Range Weather Forecasts
ECOSIM	Ecosystem Simulation
EEA	European Elasmobranch Association
EGU	European Geosciences Union
EIFAC	European Inland Fisheries Advisory Commission
ELOISE	European Land Ocean Interaction Analysis
EMAPS	European Marine and Polar Sciences
EMBS	European Marine Biology Symposium
ENBI	European Network of Biodiversity Information
ERA-40	ECMWF 40 Year Re-analysis
ESF	European Science Foundation
ESONET	European Sea Floor Observatory Network
ESRIN	European Space Research Institute
ESTEC	European Space Research and Technology Centre
ESTOC	European Station for Time-Series in the Ocean Canary Islands
EU	European Union
EUAC	European Union of Aquarium Curators
EUC	Equatorial Undercurrent
EULIT	Effects of eutrophicated seawater on rocky shore ecosystems studied in large littoral mesocosms
EURASLIC	European Association of Aquatic Libraries and Information Centres
FB	Forschungsbereich
FEOM	Finite-Eemente Ozean Model
FLAME	Family of Linked Atlantic Model Experiments
FTZ	Forschungs- und Technologiezentrum der CAU, Büsum
GAME	Global Approach by Modular Experiments
GBB	Great Bahama Bank
GBIF	Global Biodiversity Information Facility
GCMs	General Circulation Models
GeoB	Institut für Geowissenschaften, Univ. Bremen
GEWEX	Global Energy and Water Cycle Experiment
GfÖ	Gesellschaft für Ökologie
GFZ	Geoforschungszentrum Potsdam
GHSZ	Gas Hydrate Stability Zone German Israel Foundation
GITEWS	German-Indonesian Tsunami Early Warning Sytem
GKSS	Gesellschaft für Kernenergieverwertung in Schiffbau und Schifffahrt (Forschungszentrum Geesthacht)
GLOBEC	Global Ocean Ecosystems Dynamics
GOOS	Global Ocean Observing System
GPI	Geologisch-Paläontologisches Institut
GRACE/OBP	Gravity Recovery And Climate Experiment/
GSF	Forschungszentrum für Umwelt und Gesundheit (BMBF Projektträger)
GV	Geologische Vereinigung
HELCOM	Helsinki Commission (Baltic Marine Environment Protection Commission)
HERSUR	Herring Survey Programme (EU)
HYDROARC	Hydrothermale Prozesse an flach-marinen Vulkanen der Bransfield Strasse
HYFIFLUX	Hydrothermal fluid development, material balancing and special biological activity in the North Fiji Basin
IABO	International Association for Biological Oceanography
IAMAP	International Association of Meteorology and Atmospheric Physics
IAMAS	International Association of Meteorology and Atmospheric Sciences
IAPSO	International Association for the Physical Science of the Oceans

IASC	International Arctic Science Committee
IBM	Individual-based models
ICARP	International Conference on Arctic Research Planning
ICBM	Institut für Chemie und Biologie des Meeres, Universität Oldenburg
ICBS	International Committee on Systematic Bacteriology
ICCM	Instituto Canario de Cencias Marinas, Las Palmas, Spain
ICES	International Council for the Exploration of the Seas
ICHCA	International Cargo Handling Co-ordination Association
IEO	Instituto Español de Oceanografía
IfM	Institut für Meereskunde
IFREMER	Institut Français de Recherche pour l'Exploitation de la Mer, Brest, France
IGBP	International Geosphere-Biosphere Programme
IGOOS	IOC-WMO-UNEP Committee for GOOS
IHF	Institut für Hydrobiologie und Fischereiwissenschaft, Hamburg
IHLS	International Herring Larvae Survey (ICES)
IMAU	Institut für Marine and Atmospheric Research Utrecht, The Netherlands
IMO	International Maritime Organization
INQUA-Morss	International Union for Quaternary Research-Morss
INTAS	International Association (of EU)
IOC	Intergovernmental Oceanographic Commission
IODP	Integrated Ocean Drilling Program
IOW	Institut für Ostseeforschung, Warnemünde
IPCC	Intergovernmental Panel on Climate Change
IPIMAR	Instituto de Investigação das Pescas e do Mar, Lisboa
IPRC	International Pacific Research Institute, Honolulu, USA
IRCCM	International Research Consortium for Continental Margins
IRONAGES	Iron Resources and Oceanic Nutrients- Advancement of Global Environment Simulations
ISCCP	International Satellite Cloud Climatology Project
ITCZ	Intertropical Convergence Zone
IUB	International University Bremen
IUGG	International Union of Geodesy and Geophysics
K.E.R.N.	Technologie Region: Kiel-Eckernförde-Rendsburg-Neumünster e.V.
KNMI	Koninklijk Nederlands Meteorologisch Instituut, de Bilt, The Netherlands
LATFRI	Latvian Fisheries Research Institute
LIP	Large Igneous Provinces
LOICZ	Land Ocean Interactions in the Coastal Zone (IGBP component)
LSW	Labrador Sea Water
MACOM	Maternal effects on Atlantic cod recruitment and implications for management strategies (EU Project)
MAR	Mid Atlantic Ridge
MAR-ECO	Project Patterns and Processes of the Ecosystem of the Northern Mid-Atlantic
MARBIF	Marine Biodiversity and Ecosystem Functioning EU Network of Excellence
MARE	Marine Artificial Recirculated Ecosystem
MATER	Mediterranean Targeted Project-Mass Transfer and Ecosystem Response
MOC	Meridional Overturning Circulation
MOVE	Meridional Overturning Variability Experiment
MPI	Max-Planck Institut für Meteorologie
MRI	Marine Research Institute, Reykjavik, Iceland
MSG-IR	Meteosat Second Generation-Infrared
NAC	North Atlantic Current
NADW	North Atlantic Deep Water
NAFO	Northwest Atlantic Fisheries Organization
NAO	North Atlantic Oscillation
NATO	North Atlantic Treaty Organization
NBUC	North Brazil Undercurrent
NCAR	National Center for Atmospheric Research, Boulder, USA
NCEP	National Center for Environmental Prediction (NOAA)
NERC	National Environmental Research Council
NEUC/SEUC	North Equatorial Undercurrent / South Equatorial Undercurrent
NIOZ	Nederlandse Instituut voor Onderzoek der Zee, The Netherlands
NOAA	National Oceanic and Atmospheric Administration
NOAA-AOML	National Oceanic and Atmospheric Administration – Atlantic Oceanographic and Meteorological Laboratory, Miami, USA
NOC	National Oceanography Centre, Southampton, UK
NOCES	Northern Ocean-Atmosphere Carbon Exchange Study
NOW	Nederlandse Organisatie voor Wetenschappelijk Onderzoek
NSERC	National Science and Engineering Research Council (CDN)
NSF	National Science Foundation, USA
OBH	Ocean Bottom Hydrophones
OBIS	Ocean Biogeographic Information System
OBS	Ocean-Bottom-Seismometers
OBU	Ocean-Bottom-Unit
OCTOPUS	Ocean Tomography Operational Package and Utilization Support

Acronyms

OMAE	Offshore Mechanics and Arctic Engineering
OMEX	Ocean Margin Exchange
OPAC	Online Public Access Catalogue
ORNL	Oak Ridge National Laboratory, Oak Ridge, USA
OSPAR	Convention for the Protection of the Marine Environment of the North-East Atlantic (Oslo-Paris)
PAGES/IMAGES	Past Global Changes/International Marine Global Change Studies
PAH	Polycyclic Aromatic Hydrocarbons
PARS	Precision and accuracy of tools in recruitment studies (Eu-Project)
PCB	Polychlorinated biphenyl
PDF	Probability Density Function
PEP	Pilot Study of Evaporation and Precipitation (BALTEX)
PIK	Potsdam Institute für Klimafolgenforschung, Potsdam
POC	Particulate Organic Carbon
POGO	Partnership for Observations of the Global Oceans
POLMARF	Polish Marine Fishery Science Center
PON	Particulate Organic Nitrogen
PR	Public Relations
PTJ	Projekträger Jülich (BMBF)
RAFOS	Profiling Float
RD	Research Division
RECONN	Resolving Trophodynamic Consequences of Climate Change
RIVO	Nederlands Instituut voor Visserijonderzoek, Ijmuiden, The Netherlands
ROV	Remotely Operated Vehicle
RSMAS	Rosenstiel School of Marine and Atmospheric Sciences, Miami, USA
SAB	Scientific Advisory Board
SAGA	South African Geophysical Association
SAP	Sustainable Fisheries: Assessment and Prediction (EU project)
SCAR	Scientific Committee on Antarctic Research
SCOR	Scientific Committee on Oceanic Research
SDN	Schutzgemeinschaft Deutsche Nordseeküste
SETAC	Society of Environmental Toxicology and Chemistry
SFB	Sonderforschungsbereich (Collaborative Research Center)
SGMSNS	Study Group on Multispecies Assessments in the North Sea
SIL	Societas Internationalis Limnologiae
SIO	Scripps Institution of Oceanography, La Jolla, USA
SMHI	Swedish Meteorological and Hydrological Institute
SODA	Simple Ocean Data Assimilation
SOIREE	Southern Ocean Iron RElease Experiment
SOLAS	Surface Ocean Lower Atmosphere Study
SOMARE	Sampling, Observations & Modelling of Atlantic Regional Ecosystems
SOPRAN	Surface Ocean Processes in the Anthropocene
SPACC	Small Pelagic Fishes and Climate Changes
SPARC	Stratospheric Processes And their Role in Climate
SPP	Special Priority Program (DFG)
SRON	Netherlands Institute for Space Research
SSA	Scientific Support Action
SSTC	Shallow Subtropical Cell
SV	Sverdrup ($10^6 \text{ km}^3/\text{s}$)
TACE/PIRATA	Tropical Atlantic Climate Experiment
TAR	Third Assessment Report (IPCC)
TAV	Tropical Atlantic Variability
TEWS	Tsunamis Early Warning System
THZ	Thermohaline Zirkulation?
TLC / TLZ	Technology and Logistic Center (Technik- und Logistik Zentrum)
UBA	Umweltbundesamt
VAAM	Vereinigung für Allgemeine und Angewandte Mikrobiologie e.V.
VOS	Voluntary Observing Ships
WAS	World Aquaculture Society
WCRP	World Climate Research Programme
WDC-MARE	World Data Center for Marine Environmental Data
WGEIM	Working Group on Environmental Interactions of Aquaculture
WGL	Wissenschaftsgemeinschaft Gottfried Wilhelm Leibniz
WGNE	Working Group on Numerical Experimentation
WGOMD	Working Group on Ocean Model Development
WGSF	Working Group on Surface Fluxes
WHOI	Woods Hole Oceanographic Institution, Woods Hole, USA
WMO	World Meteorological Organization
WOCE	World Ocean Circulation Experiment
WTZ	Wissenschaftlich-Technische Zusammenarbeit (BMBF)
XBT	Expendable Bathythermograph
ZMK	Zentrum für Meeres- und Klimaforschung der Universität Hamburg
ZUFO	Zentrum für Umweltforschung