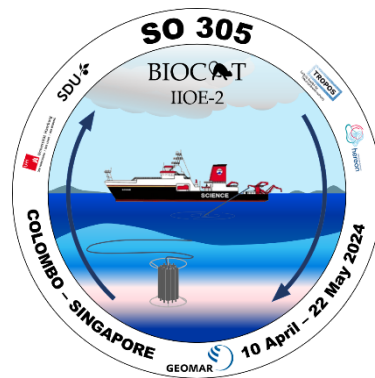


R/V SONNE, 19 May 2024



## 6<sup>th</sup> Weekly Report (13 - 19 May 2024), R/V SONNE cruise SO305 BIOCAT-IIOE2, Colombo (Sri Lanka) - Singapore

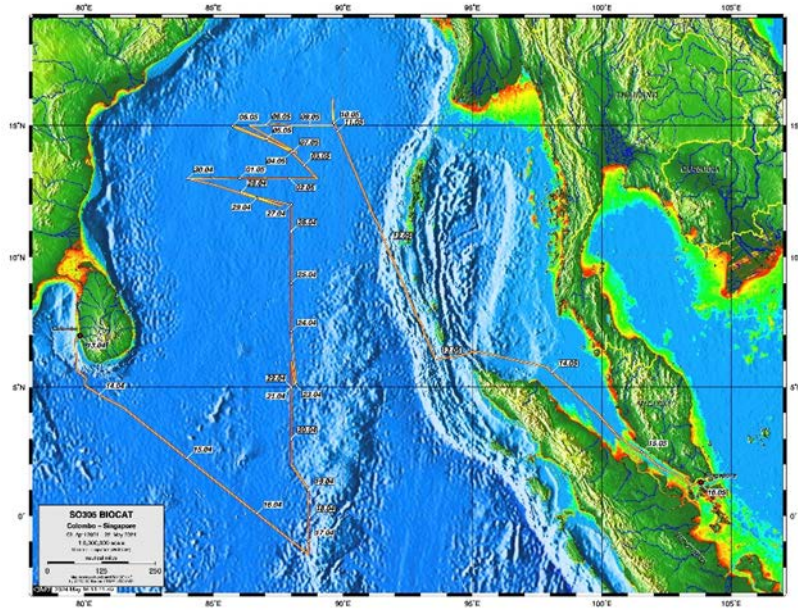
After completing the station work at the last station #38 on 11 May, we sailed to Singapore. Due to a medical emergency we moored at the pier of the Singapore Cruise Centre already on 16 May at 11:00 am, after a 5-day transit.

The remaining work and measurements in the laboratories were completed on 16 May. Our six transport containers that travelled on board are now packed and ready for dispatch. The air freight transport and the transport of refrigerated and frozen goods have been organised.



Impressions of SO305 BIOCAT-IIOE2.

Despite the premature cancellation of the journey, SO305 BIOCAT-IIOE2 was a complete success. It is already clear that we have made many interesting and exciting measurements. The subsequent measurements of the samples in the laboratories at home will certainly produce even more exciting results. In total, we carried out 114 CTD deployments, deployed the microstructure probe 42 times, deployed the GoFlo water samplers 27 times, deployed the submersible pump system 5 times, deployed the zodiac 4 times, deployed the drifting particle (sediment) traps 3 times, deployed the underway CTD 2 times, deployed 2 Argo floats and, last but not least, deployed a long-term deep-sea mooring. The cruise track of SO305 BIOCAT-IIOE2 is shown in the map below.



Map with route of SO305 BIOCAT-IIOE2.

Further information and personal impressions of SO305 BIOCAT-IIOE2 can also be found in SO305's blog: [www.oceanblogs.org/so305-biocat-iioe2](http://www.oceanblogs.org/so305-biocat-iioe2).

We would like to thank Captain Tilo Birnbaum and the crew of the Sonne for the uncomplicated and great cooperation during the voyage, without which SO305 BIOCAT-IIOE2 would not have been so successful.

Thank you very much!

Herman W. Bange

and the Scientific Party of SO305  
in Singapore