# Supplementary Material

Publication title: “The gas hydrate system of the western Black Sea Basin”

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The following files present basin-scale gas hydrate distribution in a 2D map view for gas hydrate saturations over 1 vol %. Simulation results are presented for the time periods of: 0 Ma (present-day), 0.001 Ma (Holocene), 0.012 Ma (Holocene), 0.145 Ma (Pleistocene), 0.32 Ma (Pleistocene), 1.01 Ma (Pleistocene), 2.00 Ma (Pleistocene), 3.88 Ma (Pliocene), 5.27 Ma (Pliocene), and 6.7 Ma (Miocene). All selected time-slots correspond to the results depicted in Fig. 4 of the publication.

ASCII files (.asc) included in the Supplementary Material:

* Gas\_Hydrate\_Saturation\_0 Ma
* Gas\_Hydrate\_Saturation\_0.001 Ma
* Gas\_Hydrate\_Saturation\_0.012 Ma
* Gas\_Hydrate\_Saturation\_0.145 Ma
* Gas\_Hydrate\_Saturation\_0.32 Ma
* Gas\_Hydrate\_Saturation\_1.01 Ma
* Gas\_Hydrate\_Saturation\_2.00 Ma
* Gas\_Hydrate\_Saturation\_3.88 Ma
* Gas\_Hydrate\_Saturation\_5.27 Ma
* Gas\_Hydrate\_Saturation\_6.7 Ma