

Press Release



MULTI-MAREX is one of four projects of the research mission "Towards improved risk management in the area of marine extreme events and natural hazards" (mareXtreme) conducted by the German Marine Research Alliance (DAM). In the mission, around 150 researchers from 29 partner organizations are investigating how to deal with extreme marine events and natural hazards and their long-term effects on marine ecosystems and social life on the coast.

The meeting has now provided a platform for the exchange of expertise. For example, in cooperation with Dr Felix Gross, head of the "Natural Hazards of Coasts and Seas" department at the Center for Ocean and Society (CeOS) at Kiel University, a virtual application will be developed that visualizes geomarine natural hazards. The participants also discussed how knowledge and possible new technological developments can be made accessible and usable for society in conjunction with the other projects of the mareXtreme research mission.

Professor Dr Heidrun Kopp was pleased with the milestone: "The first meeting marks the beginning of an exciting journey in which we will work together to deepen our understanding of extreme marine events and natural hazards. We are looking forward to the exchange with our project partners and stakeholders in order to achieve this important goal."

Background:

Deutsche Allianz Meeresforschung:

The German Marine Research Alliance (DAM) brings together 24 leading German marine research institutions with the aim of strengthening the sustainable management of coasts, seas and the ocean through research, transfer, data management, digitalization and infrastructure. To achieve this, the DAM and its member institutions develop solution-oriented knowledge and communicate options for action in politics, business and civil society. It is funded by the federal government and the northern German states of Bremen, Hamburg, Mecklenburg-Western Pomerania, Lower Saxony and Schleswig-Holstein.

3rd DAM research mission Towards improved risk management in the area of extreme marine events and natural hazards (mareXtreme)

In the DAM research mission "Towards improved risk management of marine extreme events and natural hazards", short title mareXtreme, around 150 scientists from 29 partner organizations are examining how to deal with the interactions between short-term multiple and cascading extreme events and natural hazards and their long-term impacts on marine ecosystems and coastal societies. The aim of mareXtreme is to significantly improve the predictive capacity of marine extreme events and natural hazards, to support the sustainable development of coastal communities and to strengthen the resilience of coastal society.

Links:

<https://www.geomar.de/en/multi-marex> MULTI-MAREX: A living lab for improved forecasting and possible actions for multiple extreme geomarine events

<https://www.allianz-meeresforschung.de/en> Deutsche Allianz Meeresforschung (DAM), German Marine Research Alliance

<https://www.geomar.de/en/news/article/understanding-extreme-marine-events-and-natural->