

Engaging the public – outreach activities at MARUM related to IODP

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Engaging the general public in marine sciences is a challenge. But given the fact that climate change and marine litter Pollution, for example, are picked up as media topics, people are aware of the importance and the global impact.

With manifold outreach activities we link marine research with actions to attract the general public's interest. Here we present MARUM's ongoing best practiced outreach approaches:

- With virtual reality-applications MARUM breaks new ground to transport knowledge about deep sea research and the necessity and opportunities of research.
- MARUM contributes to "Einfach Wissenswert" (simply worth knowing), an exhibition in the „Haus der Wissenschaft Bremen“ (House of Science Bremen). The Bremen core repository (BCR) is introduced to present IODP as an important partner. With core pictures, videos, and hand samples we attract people to the fascinating topic of cold water corals as well as scientific drilling.
- Travelling Exhibitions/Cooperations with museums: For the exhibition „Ozeane im Wandel“ (Changing Oceans) in the “Klimahaus” (climate house) Bremerhaven, a new exhibit on climate change partly based on IODP data is going to be realized. It will be a multi touch poster offering different levels of knowledge. People can work hands on, or a moderator uses the digital poster to discuss a special topic with the interested audience.
- Live events/ Ship to shore-events with scientists on worldwide research expeditions like IODP expeditions or expeditions where the sea floor drill rig MARUM-MeBo is used. Audiences, e.g. school classes, ask questions about the aims and first results of the expedition, and about everyday life onboard a research vessel. This is the best possibility to attract youngest people for our science: to pique their curiosity and exploratory spirit.
- DFG-Geoshow “Unterirdisch” (subsurface): The Bremen Core Repository is part of a show that focusses on scientific drilling and on what lies hidden beneath the ocean floor.