



Public Outreach – School program with multimedia presentation about climate change in the Arctic

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Public Outreach activities organized by the Cluster of Excellence „The Future Ocean“, Kiel Marine Sciences, Germany, are addressed to the general public, journalists, politicians, to students and pupils. An ongoing conversation between science and society is offered by a diverse program. The scientists vividly reported on various subjects concerning the ocean and climate: marine resources at the seafloor, starfishes, coasts at risk and sediments, global change in the Arctic, earthquakes, submarine slides and tsunamis and the ocean as a system. There are exhibitions as real visitor magnets for example in the Deutsches Museum and events like lecture series and multimedia presentations.

One part of the public outreach are the school programs. To transfer new scientific knowledge directly to schools and to address the next generation of science students „The Future Ocean“ together with 1st partners offers various opportunities for joint experiments; for pupils in the laboratory, at sea and in schools (e.g. Kids and Students University on Marine Sciences, expeditions on board research vessels, expedition boxes for schools) and encourages participations in science festivals for pupils and teachers. Additionally a small school text book (64 pages) on Marine Sciences, written by scientists and teachers with a German text book publisher will be published this year.

A multimedia show „Little Polar Bear and Climate Change“ in collaboration with the Mediendum Kiel, Germany, was developed by a teacher, scientists and a production team. In this adaptation of a book for children by Hans de Beer (Little Polar Bear for Kids aged from 5 to 7) background informations of polar bears and challenges of climate change in the Arctic are adapted to a 360 degree cinema multimedia production. The show can now be seen in several planetaria.