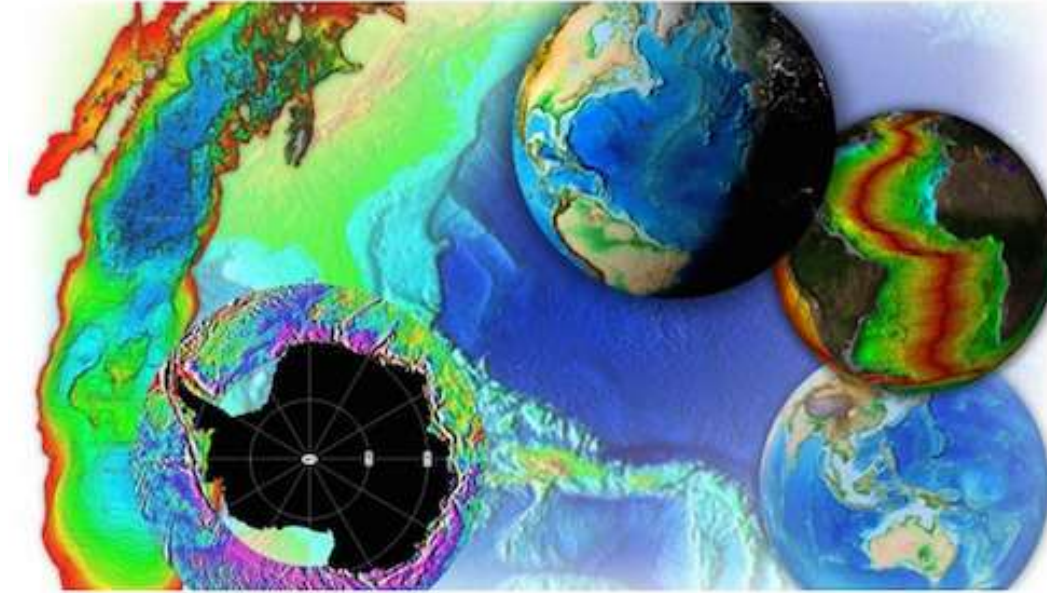
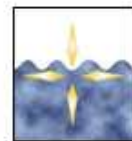


Welcome



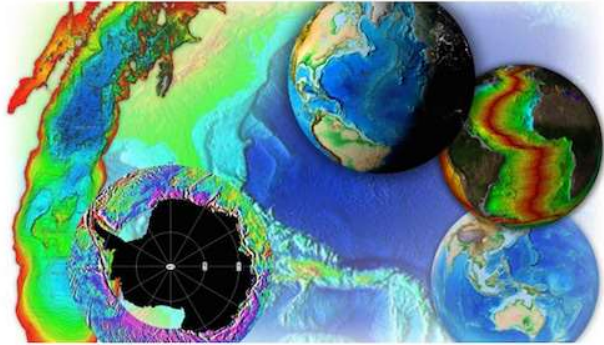
Global Ocean Science Education Workshop Report

October 6, 2015



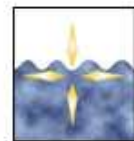
COLLEGE OF EXPLORATION

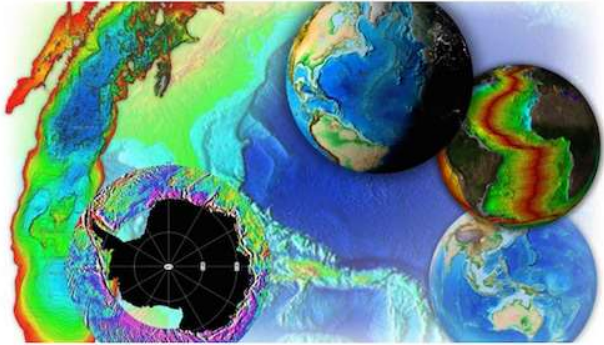
THE
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OF RHODE ISLAND
GRADUATE SCHOOL
OF OCEANOGRAPHY



Global Ocean Science Education Workshop Report

- Overview
- Outcomes
- Next Steps

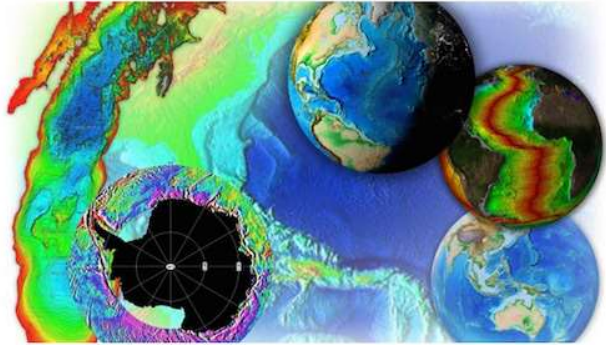




Global Ocean Science Education (GOSE) Workshop Report

The GOSE Workshop was held June 26-27, 2015 at the University of Rhode Island's Graduate School of Oceanography in Narragansett, Rhode Island.

Panelists and speakers represented 15 nations, five continents, and 19 U.S. states, a total of 75 participants.

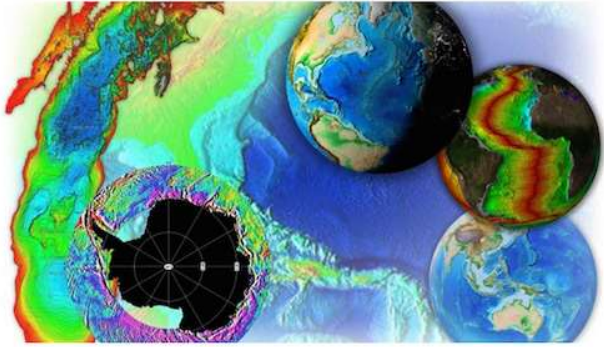


Global Ocean Science Education (GOSE) Workshop Report

GOSE Workshop Participating Nations

Australia, Bangladesh, Brazil, Canada, China, Denmark, France, Greece, Italy, Japan, Poland, Portugal, United Kingdom, and United States



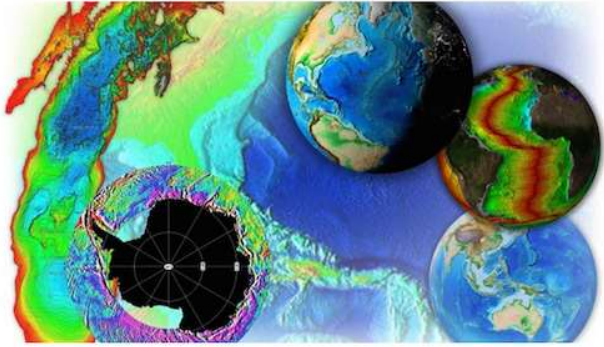


Global Ocean Science Education (GOSE) Workshop Report

The workshop consisted of invited presentations, panel discussions, and participant working groups.

Panels discussed ocean science education across the K-12 pipeline, undergraduate and graduate education, and public education.

Working groups discussed the future of global ocean science education, opportunities and steps for building international collaborations, and the establishment of a global network of networks.

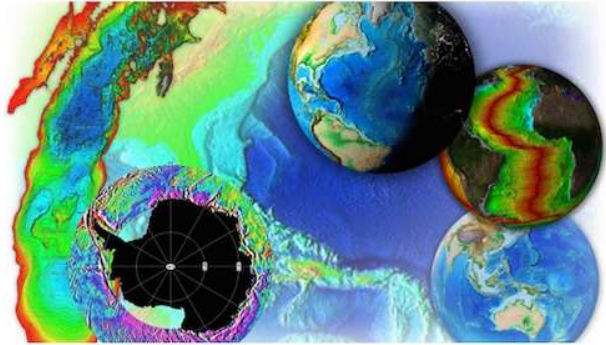


Global Ocean Science Education (GOSE) Workshop Report

OUTCOMES

Priority ocean science topics for integration in education initiatives

- Climate Change and Weather
- Loss of Biodiversity
- Deoxygenation of Coastal Waters
- Microplastics/Pollution
- Fisheries and Food Security
- Ocean Stressors

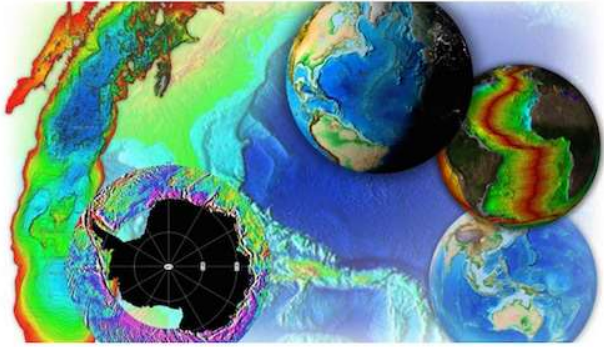


Global Ocean Science Education (GOSE) Workshop Report

OUTCOMES

Consensus on three major topical priorities for current international collaborative efforts

1. Oceans and human health, including coastal resiliency
2. The oceans role in climate change and the affect of climate change on ocean systems
3. Biodiversity, including food security and fisheries

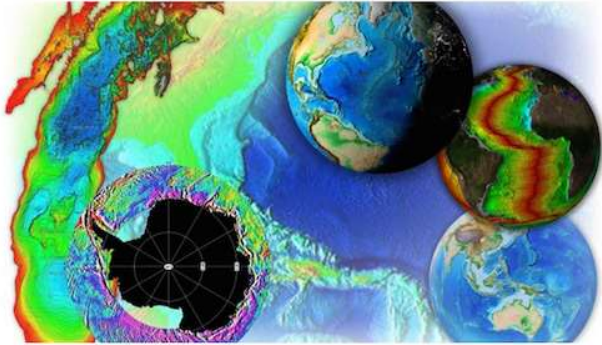


Global Ocean Science Education (GOSE) Workshop Report

OUTCOMES

Process priorities for the broad global ocean science education community to embrace:

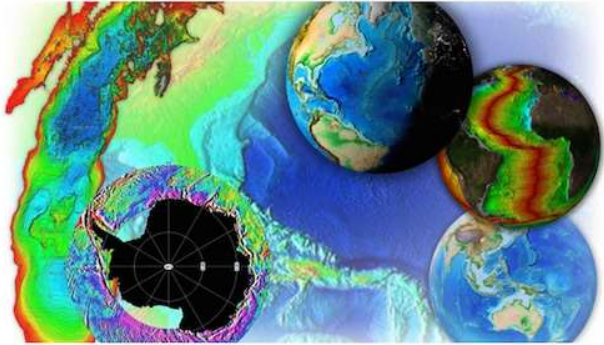
- communication and teaching training for scientists and graduate students
- increasing diversity of the ocean science profession
- educating decision makers
- reforming undergraduate ocean science education
- supporting ongoing global ocean literacy efforts
- establishing a network of networks



Global Ocean Science Education (GOSE) Workshop Report

Recommendations from the Workshop Evaluation

1. Strive to attract participants from around the world
2. Try to find an outside sponsor to help fund travel expenses
3. continue with a mix of presentations, group work, and panels in the next workshop
4. Compile a list of resources for educators who wish to improve ocean science education and literacy



Global Ocean Science Education (GOSE) Workshop Report

Recommendations from the Workshop Evaluation

5. For next workshop, design some private and group reflection time that focuses on how each participant can impact global ocean education in four areas: knowledge, behavior, thinking, and attitude.
6. Provide a resource manual and glossary of key terms that will be used to facilitate workshop discussions.

GOSE WORKSHOP 2016

WORKING TOGETHER

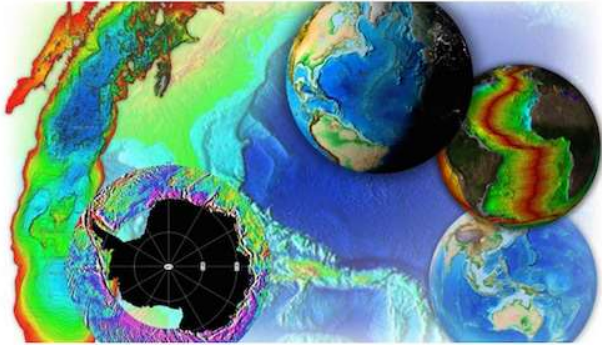
Policy Makers



Scientists

Educators

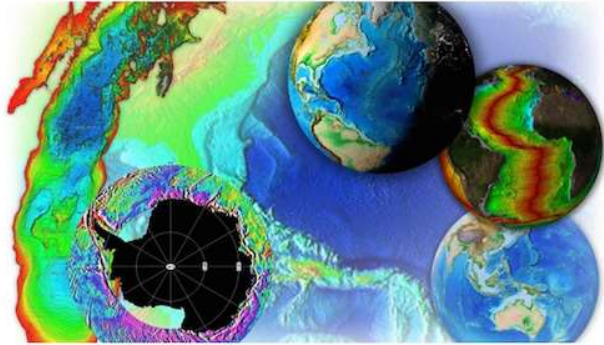
Industry Leaders



Global Ocean Science Education (GOSE) Workshop Report

2016 Language and Perception Challenges

1. Different countries and languages
2. Different cultures
3. Different disciplines
4. Clarity of purpose for the meeting
5. Questions to be answered
6. Actions to take
7. Preparation, pre-work and seminars
8. Funding/support/sponsorship



Global Ocean Science Education (GOSE) Workshop Report

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