

2023 Global Ocean Science Education (GOSE) Workshop

May 23-25

Graduate School of Oceanography

University of Rhode Island

AGENDA

The 2023 GOSE Workshop Goals are to:

1. Bring together the ocean science, education, policy, and business/industry sectors
2. Increase knowledge and awareness of the importance of ocean acoustics/underwater sound to society;
3. Share information about the current state of knowledge and innovative technologies
4. Identify educational strategies and industry needs to train the next generation and educate the public and support workforce development across sectors;
5. Integrate ocean acoustics into education resources for enhanced global societal ocean literacy and decision making
6. identify strategies and activities to support the Maritime Acoustic Environment Program of the United Nations Decade of Ocean Science for Sustainable Development (insert new website link)

TUESDAY, May 23, 2023

- 9:00 **Welcome and Introductions**
- 9:15 **Workshop Goals and Overview**
- 9:30 **Plenary I: Forefront of Ocean Acoustics Research**
- 9:50 **Panel I: Importance of Ocean Acoustics for Society**
- 10:20 **Break**
- 10:50 **Plenary II: Marine Mammal Sound Production and Reception**
- 11:20 **Panel II: Marine Fishes and Invertebrate Sound Production and Reception**
- 12:10 **Lunch**
- 13:00 **Breakout Group I: Integrating Ocean Acoustics into Ocean Education/Ocean Literacy Initiatives**
- 14:00 **Breakout Group I Reports**
- 14:20 **Panel III: Skills Needed by the Ocean Acoustics Workforce**
- 15:10 **Coffee Break**
- 15:40 **Plenary III: Introduction to Microcredentials**
- 15:50 **Breakout Group II: A Framework for an Ocean Acoustics Microcredentials Program (content needed to meet workforce needs)**

- 16:30 **Breakout Group II Reports**
- 16:50 **Lightning Round I: Student Presentations** (5-6 students, 4 min each)
- 17:30 **Adjourn**

WEDNESDAY, May 24, 2023

- 9:00 **Welcome and Reflection**
- 9:15 **Plenary IV: Impacts and Mitigation Strategies**
- 9:45 **Plenary V: International Regulations Related to Anthropogenic Sound**
- 10:15 **Break**
- 10:40 **Panel IV: Strategies for Integrating Research, Education, Business and Policy**
- 11:20 **Breakout Group III: Actions Needed to Develop and Implement an Ocean Acoustics Microcredentials Program**
- 12:10 **Breakout Group III Reports**
- 12:30 **Lunch**
- 13:30 **Plenary VI: Ocean Decade: Maritime Acoustic Environment Program**
- 14:00 **Panel V: Passive Acoustics Applications**
- 14:40 **Break**
- 15:10 **Lightning Round II: Early Career Professional Presentations**
- 15:45 **Breakout Group IV: Developing Cross-Sector Partnerships**
- 16:30 **Breakout Group IV Report Out**
- 16:50 **Plenary VII: Introduction to Open Space Session**
- 17:15 **Adjourn**

THURSDAY, May 25, 2023

- 9:00 **Welcome and Review**
- 9:15 **Open Space Session – Furthering the Goals of the Global Ocean Science Community**
- 10:15 **Coffee Break**
- 10:45 **Open Space Continues**

- 11:15 **Open Space Group Reports**
- 11:45 **Plenary VIII: Moving the Field Forward – Technology on the Horizon**
- 12:10 **Large Group Discussion – Reflection on 2023 GOSE Workshop and Ideas for the Future**
- 12:30 **Lunch**