

Global Ocean Science Education Workshop
June 13-15, 2016
UNESCO Headquarters
Paris, France

FINAL AGENDA

Workshop Goals

- Bring together the ocean science, education, policy and business sectors
- Form new partnerships to take action on global ocean science education priorities
- Develop collaborative, cross-sector activities
- Set goals for the global ocean science education community, looking forward to 2017

Monday, 13 June

- 1:00 pm Welcome and Introductions
- 1:30 pm Review of 2015 GOSE Workshop Outcomes
- 1:45 pm Goals for 2016 GOSE Workshop
- 2:00 pm Plenary Session: *The Role of Education and Capacity Development in the Context of International Ocean Governance*
Vladimir Ryabinin, Executive Secretary of the Intergovernmental Oceanographic Commission (Science & Policy)
- 3:00 pm Plenary Session: *Building a Global Ocean Science Education Network*
Gail Scowcroft, Consortium for Ocean Science Exploration and Engagement (COSEE) and University of Rhode Island (USA, Science and Education)
- 3:15 pm Plenary Session: *Integrative and Innovative Systems Approaches to Volatile, Uncertain, Complex and Ambiguous (VUCA) Problems*
Peter Tuddenham, College of Exploration (USA, UK) (Education and Policy)
- 3:30 pm Coffee Break
- 4:00 pm Panel I: *Science, Education, Business, and Policy Roles in Implementing International Policies Related to the Ocean*
Moderator: Francesca Santoro, Intergovernmental Oceanographic Commission (Science and Policy)
Panelists:
 - Stephen Hall (invited), National Oceanography Centre and IOC vice-chair (UK, Policy and Business)
 - Bev Mackenzie, Institute of Marine Engineering, Science and Technology (UK, Business)
 - Norma Patricia Muñoz Sevilla, Instituto Politecnico Nacional (Mexico, Science and Education)
 - Françoise Gaill, Centre national de la recherche scientifique (France, Science and Policy)

- 4:45 pm Discussion: *How the Science, Education, Business, and Policy Sectors Can Effectively Work Together to Advance Ocean Science Education*
- 5:15 pm Cocktail Reception
- 7:00 pm Adjourn

Tuesday, 14 June

- 9:00 am Welcome
- 9:05 am Panel II: *The Ocean and Human Health*
 Moderator: Peter Tuddenham, College of Exploration (USA & UK, Education and Policy)
 Panelists:
- Corey Garza, California State University (USA, Science)
 - Khelil Nawel, International Ocean Institute (Algeria, Science and Policy)
 - Luis Icochea Salas, Universidad Nacional Agraria La Molina (Peru, Science and Education)
 - Matthew While, University of Exeter (UK, Science)
- 10:00 am Discussion: *Prioritizing Educational Content Related to the Ocean and Human Health* (Break Out Groups)
- 10:30 am Coffee Break
- 11:00 am Panel III: *Blue Economy and Workforce Needs*
 Moderator: Ivar Babb, University of Connecticut (USA, Education and Science)
- Danilo Calazans, Instituto de Oceanografia (Brazil, Science and Education)
 - Alessia Clocchiatti, European Commission Directorate-General for Maritime Affairs and Fisheries (Policy)
 - Luciana Ferraro, National Research Council (Italy, Science and Policy)
 - Liesl Hotaling, Eidos Education (USA, Education)
 - Bryan Bjorndal, Assure Controls and The Maritime Alliance (USA, Business) (invited)
- 12:15 pm Discussion: *Adapting Ocean Science Education to 21st Century Workforce Needs*
- 1:00 pm Lunch
- 2:00 pm Open Space Session
- 3:30 pm Coffee Break
- 4:00 pm Open Space Session continued
- 5:00 pm Adjourn
- 6:00 pm Optional River Cruise

Wednesday, 15 June

- 9:00 am Welcome
- 9:05 am Hands-On Session: *Effective Practices in Ocean Citizen Science*
 Robert Chen, University of Massachusetts Boston and COSEE (USA)
 Fiona Crouch, Marine Biological Association and *Sea Change* (UK)
 Judy Lemus, University of Hawaii and COSEE (USA)
- 11:00 am Coffee Break
- 11:20 am Hands-On Session: *Effective Practices in Ocean Citizen Science* continued

- 12:20 pm Lunch
- 1:15 pm Panel IV: *Influence of Informal Science Education on Policy*
Moderator: Cynthia Hagley (USA, Education and Policy)
Panelists:
- Bernard Combes, UNESCO (Education & Policy)
 - Christos Ioakeimidis, Hellenic Centre for Marine Research (Greece, Science) (invited)
 - Grażyna Niedożytko, Gdynia Aquarium (Poland, Education)
 - Bill Mott, The Ocean Project (USA, Policy)
 - James Wharton, Seattle Aquarium (USA, Education)
- 2:30 pm Discussion: *Connections Between Citizen Science, Informal Science Education, and Policy*
- 2:50 pm Plenary Session: *New Partnerships – Building on the Success of the TransAtlantic Galway Declaration*
Paula Keener, National Oceanic and Atmospheric Administration (USA, Education and Policy)
Ivan Conesa-Alcolea, European Commission Directorate-General for Research and Innovation (Science & Policy)
- 3:20 pm Break
- 3:40 pm Discussion: *Goals and Next Steps for the Global Ocean Science Education Community*
- 4:45 pm Reflection and Adjourn