

Effects of Climate Change on the World's Ocean









Food and Agriculture Organization of the **United Nations**

Closing session



Arts project:











Whispers from the deep - Ocean stories

I love stories, and collect fragments from everyday life, news, poetry, music, books and conversations. By connecting these fragments, and weaving them in with time, space and my own reflections, I work on creating a bigger picture. The surroundings have a great influence on my work. Public places appeal to me for creating art. I like the idea of art as something accessible and reaching people where they are. I prefer working with used materials - as they carry their own stories, and give me a sense of lived life.

For the work I did this week I started by collecting rope that has been in the Ocean over time, and rope that has traveled around the world with Statsraad Lehmkuhl. The material's smell of the Ocean brings another dimension to the work. I believe that rope is a material most people can relate to, and this welcomes people to project their own stories onto the work.

I'm grateful for the opportunity I got to be part of this conference. I love that people from all over the world come together to share their knowledge and ideas for a positive shift. As I've been working on site this week, in a performative and interactive way, I have felt so much positive energy. The lovely little stories about fishing and craftsmanship that people have shared with me adds value to my work.















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Sessions

- Session 1: Marine spatial management supporting climate change adaptation and mitigation
- Session 2: Smart fishing for climate change mitigation and adaptation
- Session 3: Assessing climate change vulnerability of marine and coastal areas and associated communities
- Session 4: Improving decision-making in response to change in marine-dependent coastal communities using transdisciplinary approaches
- Session 5: Measuring and predicting responses of marine social-ecological systems to climate extremes
- Session 6: Deep-Sea responses to, and solutions for, Climate Change
- Session 7: Nature-based Solutions for Climate Adaptation and Mitigation From Planning to Practice
- Session 8: Advances in coupling regional climate and social-ecological models to improve climate-ready ecosystem management
- Session 9: Transitioning from Vulnerable to Resilient and Viable Fisheries Social-Ecological Systems
- Session 10: Beyond species on the move: emerging climate change impacts on the spatial dynamics of marine species, from detecting to forecasting and projecting
- Session 11: Ocean Deoxygenation: Physical, Biogeochemical and Ecological Research Advances and Future Needs
- Session 12: Improving pathways for delivery of multi-disciplinary ocean observations into marine assessments across multiple scales
- Session 13: Detectability of non-linearities, abrupt shifts and tipping points in marine ecosystems
- Session 14: Cumulative anthropogenic impacts on key Arctic species
- Session 15: Using Management Strategy Evaluation to establish robust fishery management in a changing ocean
- Session 16: Emerging challenges in socio-ecological systems brought about by climate-related ecosystem changes and how to equitably manage them
- Session 17: Coupling social science and economics in integrated marine climate modeling efforts
- Session 18: Beyond blue carbon: Ocean-based carbon dioxide removal (CDR) approaches
- Session 19: Ocean Acidification Research for Sustainability
- Pre-symposium concurrent Workshops (Sunday, April 16)

Workshops

- Workshop 1: A systematic and rapid assessment of climate vulnerability and adaptation in marine and coastal areas
- Workshop 2: The Climate-Fisheries Nexus Within the UN Decade of Ocean Science for Sustainable Development: Co-Designing Actions and Solutions for a Productive, Healthy and Resilient Ocean
- Workshop 3: Reconstructing past marine ecosystems and their interactions with climate CANCELLED
- Workshop 4: A global ensemble of comparable marine ecosystem models to project climate risk to species and human communities
- Workshop 5: S-CCME/SICCME Workshop on integrated modeling to identify climate change tipping points in marine ecosystems













THANK YOU!

Session & Workshop **Conveners!** Speakers!















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Konsertsystemer & IMR IT Team running and streaming the presentations!



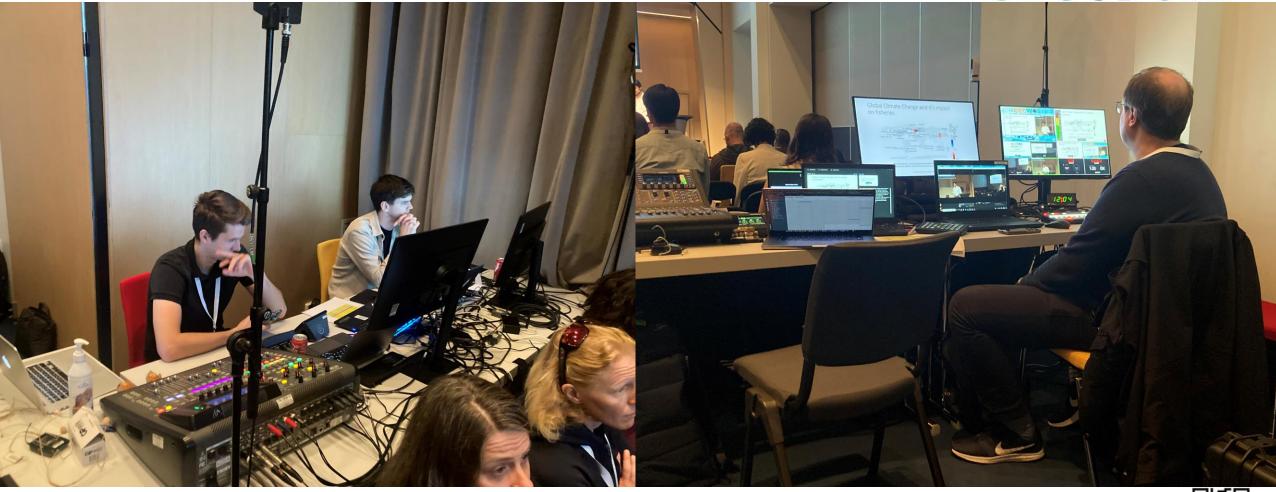


























THANK YOU! #ECCWO5 Convenors

<u>Kirsten Isensee</u> (IOC-UNESCO) Tarub Bahri (FAO) Sonia Batten (PICES) Geir Huse (IMR) Jörn Schmidt (ICES)













#ECCWO5 Online & In-person attendees







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