

Conference Venues

Haus der Wissenschaft Sandstraße 4/5 28195 Bremen

Directions from Central Station: Tram (4, 5, 6, 8) or Bus (24, 25) to: "Domsheide"

Leibniz Centre for Tropical Marine Research (ZMT) Fahrenheitstraße 6 D-28359 Bremen

Directions from Central Station: Tram (6) or Bus (24, 25) to: "Universität/Zentralbereich"

Übersee-Museum Bremen

Bahnhofsplatz 13 28195 Bremen

Tram/Bus stop: "Central Railway Station"

Project Office

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www.oceangov.eu

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Challenges, Options and the Role of Science

International Conference, 6 - 8 March 2017 | Bremen











Monday, 6 March

08:30 - 09:00 REGISTRATION

09:00 - 09:30 WELCOME AND OPENING OF CONFERENCE

Hildegard Westphal, Leibniz Centre for Tropical Marine Research (ZMT), Director Kristofer Du Rietz, International Affairs Adviser, Directorate General for Maritime Affairs and Fisheries, European Commission Anna-Katharina Hornidge, OceanGov Chair, Leibniz Centre for Tropical Marine Research

(ZMT) & University of Bremen

09:30 - 10:15 Keynote: "UNCLOS: its origins, implementation and challenges for the future?"

Awni Behnam, Hon. President International Ocean Institute, Fmr. UN Assistant Secretary General

10:15 - 10:30 COFFEE BREAK

10:30 - 12:00 NUTRITION SECURITY AND FOOD SYSTEMS.

A SECURITY PERSPECTIVE

Convenors: Maarten Bavinck, University of Amsterdam, Juan Luis Suárez de Vivero, University of Sevilla

"Blue Growth and the expansion of intensive aquaculture on marine commodity frontiers"

Irmak Ertör, University of Barcelona

"Understanding the fishery and value chain of *Keta Schoolboys* **(anchovy) in Ghana" Ragnhild Overå, University of Bergen, Marloes Kraan, Wageningen University, Francis Nunoo, University of Ghana**

"Enhancing the oceans' contribution to world food security – the good and the bad news"

Maarten Bavinck, University of Amsterdam

"Food security as a security issue. A perspective from maritime policy and maritime security initiatives"

Juan Luis Suárez de Vivero, Juan Carlos Rodríguez Mateos, University of Sevilla

12:00 - 13:00 LUNCH

13:00 - 13:45 Keynote: "Understanding Oceans for Sustainable Governance: space, time and the need for 'wet ontologies'"

Kimberley Peters, Leverhulme Research Fellow and Lecturer in Human Geography, University of Liverpool, Philip Steinberg, Durham University; Chair: Maria Hadjimichael, OceanGov Vice-Chair, University of Cyprus

13:45 - 14:00 COFFEE BREAK

14:00 - 15:30 OCEAN CLIMATE AND ACIDIFICATION. AVOID THE UNMANAGEABLE, MANAGE THE UNAVOIDABLE

Convenors: Julien Rochette, Institute for Sustainable Development and International Relations, Isabel Torres de Noronha, InventAr, Future Ocean Alliance

"Coastal carbon & the spanning of silos and scales"

Jennifer Bansard, University of Potsdam

"Exploring the adaptive capacity of stakeholders to changing environmental conditions due to climatic stressors"

Rachel Tiller, Jennifer L. Bailey, Norwegian University of Science and Technology, Hugo Salgado, University of Talca, Can Bizsel, Dokuz Eylül University, Izmir, Jean-Luc De Kok, Flemish Institute for Technological Research

"Fight back and adapt: Industry perspectives on the management of the invasive Pacific oyster, *Crassostrea gigas*, in the Limfjord, Denmark"

Troels Jacob Hegland, Dan Dodensig Christensen, Aalborg University

"Climate change and value of carbon regulation: A case study from kelp forest in northern Norway"

Wenting Chen, Philip Wallhead, Richard Bellerby, Hege Gundersen, Hartvig Christie, Norwegian Institute for Water Research, Tanya Bryan, GRID-Arendal

15:30 - 15:45 COFFEE BREAK

15:45 - 17:15 LAND-SEA INTERACTIONS. WHO, FOR WHAT

PURPOSE, AND GUIDED BY WHICH STRUCTURES?

Convenors: Achim Schlüter, Leibniz Centre for Marine Tropical Research (ZMT) & Jacobs University, Maria-Nataşa Văidianu, University of Bucharest

"Coastal area management in the European Union - new challenges - governance" Agisilaos Economou, National Technical University of Athens

"The high hopes of ICZM in the face of legal-institutional realities: Comparative analysis of Mediterranean countries"

Rachelle Alterman, Cygal Pellach, Technion-Israel Institute of Technology, Haifa **"Determining sustainability options for coastal zones"** Shona Paterson, Future Earth Coasts

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"The role of law in the road towards an ecosystem-based management approach" Froukje Maria Platjouw, Norwegian Institute for Water Research

18:30 - 21:00 NETWORKING DINNER AT KAFFEEMÜHLE AM WALL

18:30 - 19:00 Before Dinner Speech

Chair: Michelle E. Portman, Technion - Israel Institute of Technology, Haifa

"Lessons learned from two decades of integrated coastal management in the East Asian Seas Region"

Chua Thia-Eng, Chair Emeritus of the Partnerships in Environmental Management for the Seas of East Asia, PEMSEA

Tuesday, 7 March

09:00 - 10:30 AREA-BASED MANAGEMENT. HOW TO MOVE

FROM SILO TO SYSTEM THINKING?

Convenors: Sebastian Unger, Institute for Advanced Sustainability Studies, Nilüfer Oral, Istanbul Bilgi University

"A science, technology and finance partnership for sustainable ocean governance" Torsten Thiele, Institute for Advanced Sustainability Studies, Potsdam

"Incorporating principles of reconciliation ecology to achieve ecosystem-based marinespatial planning"

Ateret Shabtay, Michelle E. Portman, Yohay Carmel, Technion - Israel Institute of Technology, Haifa

"Navigating towards sustainable human nature relations - coastal management revisited"

Bernhard Glaeser, German Society for Human Ecology, Marion Glaser, Leibniz Centre for Tropical Marine Research (ZMT)

10:30 - 10:45 COFFEE BREAK

10:45 - 12:15 MANAGING THE SEABED.

GOVERNING RESOURCES AT DEPTH

Convenors: Kimberley Peters, University of Liverpool, Philip Steinberg, Durham University

"Seabed mining challenges: A cross-country comparison" Marta Conde Puigmal, Autonomous University of Barcelona

"On connectivity of underwater acoustic networks"

Andrej Stefanov, International Balkan University

"Innovative tools to protect and manage the seabed resource in the case of the polymetallic nodule fields in the Clarion Clipperton Fractures Zone,

NE tropical Pacific"

Virginie Tilot, National Museum of Natural History, Paris "Public perceptions of and attitudes towards deep-sea mining: Social and political psychology perspectives"

Maor Shani, Bremen International Graduate School of Social Sciences, Christopher Cohrs, Klaus Boehnke, Bremen International Graduate School of Social Sciences, Jacobs University

12:15 - 13:15 LUNCH

13:15 - 14:15 OCEAN GOVERNANCE THEORY

Convenors: Anna-Katharina Hornidge, Leibniz Centre for Tropical Marine Research (ZMT) & University of Bremen, Maria Hadjimichael, University of Cyprus "Emerging from the depths? Ocean governance as a future field of global

cooperation"

Aletta Mondré, University of Kiel, Daniel Lambach, University of Duisburg-Essen "The right to the sea"

Maria Hadjimichael, University of Cyprus

"Understanding ocean governance: Linking concepts and approaches" Raoul Beunen, Wageningen University

14:15 - 14:30 COFFEE BREAK

14:30 - 16:00 FISHERIES GOVERNANCE UNDER A 'BLUE GROWTH'-PARADIGM

Convenors: José Pascual-Fernández, University of La Laguna, Alyne Delaney, Aalborg University

"The role of science to help govern small scale fisheries collectively: An example from the German small scale fisheries in a biodiversity protection scheme"

Leyre Goti, Thünen Institute of Sea Fisheries, Hamburg

"Governance challenges for enhancing small-scale fisheries marketing: Examples from the Canary Islands"

José Pascual-Fernández, Raquel De la Cruz Modino, University of La Laguna "Multilevel governance challenges for implementing social and societal sustainability in Swedish coastal fisheries"

Milena Arias Schreiber, Sebastian Linke, University of Gothenburg

"Small-scale fisheries in Europe: Challenges and opportunities for the future" Cristina Pita, University of Aveiro, José Pascual-Fernández, University of La Laguna, Maarten Bavinck, University of Amsterdam

"The policy objectives of the Common Fisheries Policy – challenges and solutions" Tobias Belschner, Johanna Ferretti, Thünen Institute of Sea Fisheries, Hamburg

16:15 - 16:45 TRANSFER TO ÜBERSEE-MUSEUM

17:00 - 18:30 PUBLIC SCIENCE-POLICY PODIUM DISCUSSION

Chair: Lutz Möller, Deputy Secretary-General, German Commission for UNESCO

Linnéa Engström, Member of the European Parliament

Kristofer Du Rietz, International Affairs Adviser, Directorate General for Maritime Affairs and Fisheries, European Commission

Chua Thia-Eng, Chair Emeritus of the Partnerships in Environmental Management for the Seas of East Asia, PEMSEA Christoph Spehr, Fair Oceans

Wednesday, 8 March

Venue: Leibniz Centre for Tropical Marine Research (ZMT)

09:00 - 10:00 ROUNDTABLE DISCUSSION

Convenors: Wenting Chen, Norwegian Institute for Water Research, Frank Maes, Ghent University, Michelle E. Portman, Technion - Israel Institute of Technology, Haifa, Rachel Tiller, Norwegian University of Science and Technology

"Early career, gender awareness, and career-family balance in Ocean Governance research: Roundtable on challenges, opportunities and perspectives"