Call for OceanGov Short Term Scientific Missions (STSMs) Application

We are happy to announce the first call for STSM applications. STSMs (Exchange Visits) are aimed at strengthening the COST network by allowing scientists to go to an institution or laboratory in another country to foster collaboration, to learn a new technique or to take measurements using instruments and/or methods not available in their own institution/laboratory. They are particularly intended for young scientists. STSMs need to align with one or more of the six working groups of the Action. 5 STSMs are envisaged for the current budget year (June 2017 – May 2018).

For further details please see the OceanGov STSM call and the COST Vademecum on STSM guidelines.


From 5 to 9 June 2017 the United Nations’ Ocean Conference took place at the UN Headquarters in New York to support the implementation of Sustainable Development Goal 14 which stipulates the conservation and sustainable use of the oceans, seas and marine resources for sustainable development. The conference aim was to function as game changer that will reverse the decline in the health of our oceans. One important outcome of the conference is that the “Our Ocean, Our Future: Call for Action” has been confirmed by the General Assembly, which is an excellent achievement.

We would like to thank everyone who was there and helped to support the implementation of Sustainable Development Goal 14 of the 2030 Agenda. This is an important step and we are very happy to announce this!

For OceanGov participation in New York, please refer to section Policy Related Events in this newsletter.
Publications


Steinberg, P. & Kristoffersen, B. (2017): The ice edge is lost...nature moved it. Mapping ice as state practice in the Canadian and Norwegian North. Transactions of the Institute of British Geographers. DOI: 10.1111/ tran.12184.


Conferences/ Workshops

Past

“The Sustainable Development Workshop of South-East Asia”

Date: 13 – 17 May 2017
Location: Taipei & Matsu Islands, Taiwan

“3. KLASICA WEBINAR: THE CHALLENGE OF IDENTIFYING AND EVALUATING SUCCESSFUL PROCESSES IN KNOWLEDGE TRANSFER PROJECTS”

Date: May 30, 2017
Link: http://klasica.org/webinars/

“TUNA FISHERIES: HOW TO ENSURE SUSTAINABLE FISHING?”

Date: June 13, 2017
Location: Paris, France

“TOCREA – INTERNATIONAL CONFERENCE OF TOURISM AND CREATIVE INDUSTRY PROMOTION”

Date: July 7 – 8, 2017
Location: Porto, Portugal
Link: http://online.rightsims.com/bugs/yfm/?p=1

“OCEANS AND SHORES - HERITAGE, PEOPLE AND ENVIRONMENTS. 3RD CHAM INTERNATIONAL CONFERENCE”

Date: July 12 – 15, 2017
Location: Lisbon, Portugal
Link: http://www.nomadit.co.uk/cham/cham2017/

Current and Upcoming

“9TH MARE PEOPLE & THE SEA CONFERENCE: DEALING WITH MARITIME MOBILITIES”

Location: Amsterdam, Netherlands
Date: July 5 – 7, 2017
Link: http://www.marecentre.nl/

The 9th People and the Sea conference will explore the nature of maritime mobilities and the ways climate and environmental change, economic development and maritime activities are affecting their direction and volume. Topics to be addressed are: How are maritime mobilities linked and regulated? What are the distributional effects for different maritime activities, and coastal and port communities? How to design innovative governance arrangements that can foster sustainable maritime mobilities? In addition to the conference theme “dealing with mobilities”, the conference consists of five other streams: “Maritime governance”, “Social relations and culture”; “Fisheries management”, “Knowledge production”, “Coastal threats and vulnerability”. The conference is preceded by a Policy Day on the 4th of July. The theme of this year’s Policy Day is: “Stakeholder participation in marine management: connecting practice with theory”.

“ADVANCED TRAINING SCHOOL IN SUSTAINABLE BLUE GROWTH IN MEDITERRANEAN AND BLACK SEA COUNTRIES. BUILDING CAPACITIES AND DEVELOPING SKILLS IN THE MARINE AND MARITIME SECTORS”

Location: Trieste, Italy
Date: July 10 – 19, 2017
Link: http://summerschool.inogs.it/

Taking into consideration the current economic crisis and the evolving political, social and environmental conditions in the Mediterranean Region, there is a need to put together multidisciplinary actors from different countries, make ideal environments for constructive dialogue (science diplomacy) and create all conditions that include the role of people, economics and policies to attract investments while reconciling tensions and balancing priorities between economic growth, social implication and environmental conservation.

The School is addressed to scientists, researchers, post-doctoral fellows and Ph.D. students dealing with aspects related to oceanography (physics, chemistry and biology), marine biology, geology, geophysics, geochem-
### Policy Related Events

**OCEANGOV in New York – Five Side Events at “The Ocean Conference”**

**Location:** New York, USA  
**Date:** June 6 – 8, 2017

We are happy to report that OceanGov was successfully represented at the UN Ocean Conference in New York, June 5 – 9, 2017 by three of our members. Sebastian Unger of the IASS (Working Group Leader of WG 2, Area-Based Management), Dr. Julien Rochette of IDDRI (Working Group Leader of WG 5, Ocean, Climate Change, and Acidification) as well as Prof. Dr. Anna-Katharina Hornidge of ZMT (Chair) participated in the conference as representatives of their institutions while at the same time acting as ambassadors for the topics and challenges that our action OceanGov is about.

The side events were:

- **“Interconnections Among the SDGs as a Force Multiplier for Implementation of SDG14”**  
  **Date:** June 5, 2017, 9:00 – 10:30  
  **Link:** [https://oceanconference.un.org/index.php?page=view&type=20000&n=r-1301&m=3327](https://oceanconference.un.org/index.php?page=view&type=20000&n=r-1301&m=3327)

- **“Oceans in the 2030 Agenda: The Role of Regional Governance”**  
  **Date:** June 6, 2017, 09:30 – 17:00  
  **Link:** [https://oceanconference.un.org/index.php?page=view&type=20000&n=r-1220&m=3327](https://oceanconference.un.org/index.php?page=view&type=20000&n=r-1220&m=3327)

The governments of Germany and Sweden, together with the United Nations Environment Programme, and in cooperation with the Institute for Advanced Sustainability Studies (IASS), the Institute for Sustainable Development and International Relations (IDDR), and TMG – Think Tank for Sustainability organized a one-day side event on the role of regional ocean governance for delivering SDG 14.

During this event, Sebastian Unger together with Julien Rochette, had the opportunity to present their new report “Partnering for a Sustainable Ocean – The Role of Regional Ocean Governance in Implementing Sustainable Development Goal 14” which emanated from a cooperation with TMG and UN Environment and has been financially supported by the German Federal Ministry for Economic Cooperation and Development. In this paper a team of 7 researchers analysed options and challenges of regional alliances with regard to the implementation of the UN SDG 14 for ocean protection.

- **“Capacity Development Solutions for Managing, Protecting, Conserving and Restoring Marine and Coastal Ecosystems”**  
  **Date:** June 7, 2017, 09:00 – 10:30  

The event offered a discussion on capacity development for ocean acidification research and monitoring (SDG 14.3), and marine conservation in Small Island Developing States. It brought together practitioners and representatives of marine conservation organisations with experts on environmental science and sustainability to discuss case studies and potential solutions.

A particular focus was set onto ocean acidification, which is destroying coral reefs and other forms of marine life and undermining the economic foundations and coastal infrastructure of many small island states. An IASS Policy Brief on capacity development for sustainable ocean management formed the basis of the discussion.

- **“Capacity Development for Sustainable Ocean Governance. Lessons Learned from Academia, Policy and Practice”**  
  **Date:** June 8, 2017, 10:00 – 12:00  
  **Link:** [https://oceanconference.un.org/index.php?page=view&type=20000&n=r-2358&m=3327](https://oceanconference.un.org/index.php?page=view&type=20000&n=r-2358&m=3327)

The event offered a dialogue and joint learning platform, showcasing capacity development efforts targeting the individual, organizational as well as policy-making levels of enhancing capacities for sustainable management and use of the ocean and its resources.

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**“16th International Clay Conference – Clays from the Oceans to Space”**

**Location:** Granada, Spain  
**Date:** July 17 – 21, 2017  
**Link:** [https://www.16icc.org/sessions/](https://www.16icc.org/sessions/)

Session: Interaction between clays and organic molecules and organisms – Drug delivery systems based on layer materials.

Conveners: Jocelyne Brendlé, Axe Matériaux à Porosité Contrôlée, Institut de Science des Matériaux de Mulhouse, Université de Haute Alsace Strasbourg, France; Dimitrios Papoulis, Geology Department, University of Patras, Greece; Vera Leopold Constantino, Departamento de Química Fundamental Instituto de Química - Universidade de São Paulo, Brazil; Dionissios Panagiotaras, Department of Mechanical Engineering Technological Educational Institute (TEI) of Western Greece.

**“4th International Marine Protected Areas Congress, IMPAC4”**

**Location:** La Serena-Coquimbo, Chile  
**Date:** September 4 – 8, 2017  
**Link:** [http://www.impac4.cl/](http://www.impac4.cl/)

Save the date! The 4th International Marine Protected Areas Congress, IMPAC4, will be held in La Serena-Coquimbo, Chile, September 4th to 8th of 2017. We are excited to announce IMPAC4 and invite the global community of marine protected areas, MPAs’ practitioners, scientists and friends to join this congress from all over the world. IMPAC4 is organized by the Government of Chile, and the Host Organizing Committee formed the basis of the discussion.

**“4th International Marine Protected Areas Congress, IMPAC4”**

**Date:** June 5, 2017, 9:00 – 10:30  
**Link:** [https://oceanconference.un.org/index.php?page=view&type=20000&n=r-1301&m=3327](https://oceanconference.un.org/index.php?page=view&type=20000&n=r-1301&m=3327)

**“Oceans in the 2030 Agenda: The role of Regional Governance”**

**Date:** June 6, 2017, 09:30 – 17:00  
**Link:** [https://oceanconference.un.org/index.php?page=view&type=20000&n=r-1220&m=3327](https://oceanconference.un.org/index.php?page=view&type=20000&n=r-1220&m=3327)

The event featured a discussion on capacity development for ocean acidification research and monitoring (SDG 14.3), and marine conservation in Small Island Developing States. It brought together practitioners and representatives of marine conservation organisations with experts on environmental science and sustainability to discuss case studies and potential solutions.

A particular focus was set onto ocean acidification, which is destroying coral reefs and other forms of marine life and undermining the economic foundations and coastal infrastructure of many small island states. An IASS Policy Brief on capacity development for sustainable ocean management formed the basis of the discussion.

**“Capacity Development Solutions for Managing, Protecting, Conserving and Restoring Marine and Coastal Ecosystems”**

**Date:** June 7, 2017, 09:00 – 10:30  

The event offered a dialogue and joint learning platform, showcasing capacity development efforts targeting the individual, organizational as well as policy-making levels of enhancing capacities for sustainable management and use of the ocean and its resources.

**“ECologically or Biologically Significant Marine Areas (EBSAs): Special Places to Accelerate Implementation towards SDG 14”**

**Date:** June 8, 2017, 11:00 – 12:30  

On World Ocean Day, 8 June 2017, the Secretariat of the Convention on Biological Diversity (CBD) and the Global Ocean Biodiversity Initiative (GOBI) co-hosted a side event at the UN Ocean Conference in New York titled “Ecologically or Biologically Significant Marine Areas (EBSAs): special places to accelerate implementation of SDG 14”. The event managed to attract a high level of interest.

Following the opening remarks on behalf of the Executive Secretary of the CBD, David Johnsson (GOBI Coordinator) explained the role of GOBI and introduced a screening of the CBD’s film on EBSAs. Presentations by Jihyun Lee (CBD Secretariat) and Fiers Dunstan (CSIRO) emphasised the inspirational nature of EBSAs in describing the inherent value of marine biodiversity and noted how the EBSA process can be applied to coastal ecological and biodiversity that has been made available through the EBSA process can be applied and linked to management measures, such as monitoring programmes and risk assessment models. These, together with the addition of traditional knowledge, are logical future steps.


Coastal and marine tourism and recreation in a global context. Panel session at the "9th International Congress on Coastal and Marine Tourism". June 14, 2017. Gothenburg, Sweden. By: Anna-Katharina Horndige (Leibniz Centre for Tropical Marine Research (ZMT) and University of Bremen).


Measuring and mapping place attachment in coastal and marine recreation for planning support”. Presentation at the "International Symposium on Society and Resource Management (ISSRM)". June 20, 2017. Uméa, Sweden. By: Anton S. Olafsson, Berit C. Kaae, Hélène Draux, Hans Skov-Petersen (University of Copenhagen), Daniel R. Williams (US Forest Service) and Chris Raymond (Swedish Agricultural University).


"Food Security and the Geopolitics of the Oceans". By: Anna-Katharina Horndige (Leibniz Centre for Tropical Marine Research (ZMT) and University of Bremen).


The geostrophic view of the oceans has undergone a change with the dawning of the new century, with the strategic priorities of fisheries and food security switching to energy security and biogenetic resources. However, sustainable population growth in an economic and climate crisis context once more firmly sets food security among the risks that are likely to produce geopolitical instability. Despite the fact that fisheries and aquaculture only make a limited contribution to feeding the world and over half of the world’s fish catches are taken from less than 7% of the oceans, stagnating marine food production is exacerbating geopolitical risks, especially for the poverty-stricken coastal populations of western Africa and south-eastern Asia. The maritime strategies formulated in recent years are a reflection of this situation, both in the developed (e.g., EU Maritime Strategy) and the developing world (2050 AIM Strategy), and fisheries governance is becoming a factor that, by way of food security, has implications for national security, with States’ geopolitical facet becoming increasingly closely linked to their maritime dimension.

Current and Upcoming

OceanGov in the Media


“Food Security and the Geopolitics of the Oceans”. By: Anna-Katharina Horndige (Leibniz Centre for Tropical Marine Research (ZMT) and University of Bremen).


New Projects Funded

**"MAPPING OF MARINE-ORIENTED RECREATION FACILITIES IN DENMARK"**

**Project period:** May 1, 2017 – May 1, 2019.
**OceanGov member:** Bent C. Kaare (University of Copenhagen).

**"PLANNING IN A LIQUID WORLD WITH TROPICAL STAKES: SOLUTIONS FROM AN EU-AFRICA-BRAZIL PERSPECTIVE (PADDOLE)"**

**Project period:** July 1, 2017 – July 1, 2021.
**OceanGov member:** Juan L. Suarez-de Viveno (University of Seville).

Horizon 2020, MSCA-RISE, EU Project 734271 Financed by the European Commission under the Horizon 2020 programme, the PADDOLE project aims to evaluate policy innovation at the heart of the development of tropical marine spatial planning. It will bring together researchers and actors from countries bordering the Tropical Atlantic and from the European Union to create a network which will build theory and create methods for a pertinent marine spatial planning (MSP) in tropical areas. This project, which will work on assessing synergies and risks in marine multi-use scenarios and their implications for policy-makers and regional key stakeholders, includes experts from different countries and will generate a new network for MSP in tropical areas.

New Members

**Grzegorz Uścinowicz**

(Polish Geological Institute – National Research Institute, Marine Geology Branch, Poland)

Grzegorz Uścinowicz' general field of research interest is Quaternary geology with particular emphasis on geomorphology, marine geology, coastal processes and geohazards. The main goal of his current professional work is focused on modern cartographic works in the southern Baltic coastal zone. This applies the prediction of coastline evolution of the southern Baltic Sea, taking into account the natural conditions (e. g. geological, hydrological, hydrogeological, hydrodynamic) together with socio-economic (anthropogenic) pressure. The basis and the main purpose of the research project is to present the most accurate picture of the geological structure and the predictive model of coastline changes. The stages of studies have been planned to take into account a geographical coherence of the coast and the administrative, economic or strategic needs.

**Dorota Kaulbarsz**

(Polish Geological Institute – National Research Institute, Marine Geology Branch, Poland)

Dorota Kaulbarsz' research concentrates on Quaternary geological and cartography, especially on marine geology and natural resources (aggregates, heavy mineral sands). She is currently involved in the project directed towards multidisciplinary high resolution Baltic sea bottom geological mapping for integrated national maritime policy, particularly in the aspect of verification of areas perspective for natural resources (aggregates) and sands for beach nourishment. One of the main project purposes is to support maritime spatial planning processes and seabed management.

**Maximillian F. Schupp**

(Alfred-Wegener-Institute, Helmholtz Center for Polar and Marine Research, Bremerhaven, Germany)

Maximillian F. Schupp, M. Sc., is an early career researcher in the Marine Aquaculture working group at the Alfred-Wegener-Institute, Helmholtz Center for Polar and Marine Research in Bremerhaven, Germany. He is working on assessing synergies and risks in marine multi-use scenarios and their implications for policy-makers and regional key stakeholders. He has working experience in trans-disciplinary research projects focusing on the optimization of stakeholder dialogues as well as research and impact assessment and evaluation. He has worked in this field since he graduated with his M. Sc. in Aquaculture from the University of Rostock in 2015 and is currently employed in the EU Horizon2020 funded project MUSES (Multi-Use in European Seas: https://sites.dev.dundee.ac.uk/muses/).

**Pradeep A. Singh**

(Center for Marine Environmental Sciences (MARUM) and the Faculty of Law, University of Bremen, Germany)

Pradeep A. Singh is a qualified lawyer (non-practising) with postgraduate degrees from the University of Edinburgh and Harvard Law School. He specialises in public international law, more specifically in the international law of the sea, the law of international institutions, and international environmental law. He is currently pursuing his PhD with the Center for Marine Environmental Sciences (MARUM) and the Faculty of Law, University of Bremen in Germany. His research theme revolves around how the international law of the sea has been shaped, particularly in the direction of marine environmental protection, through the institutionalisation of science in decision-making processes. Due to the contemporary and important nature of the subject, a great emphasis of his dissertation will focus on the currently developing regime of deep-sea mining in the international seabed. Overall, this study aims to examine how science functions and operates in marine environmental decision-making through the various actors and institutions that are present in this field, and aspires to uncover a blueprint for new and emerging regimes.

Aletta Mondré

(University of Kiel)

Aletta Mondré researches the architecture of ocean governance. She is Professor of International Maritime Governance at Kiel University and a member of the cluster of excellence "Future Ocean". Currently she is especially interested in the regulation of deep-sea mining. Her background as an international relations scholar has her pay attention to the interplay between international and national regulations and the political struggle for setting standards. She has written a book on maritime boundary conflicts exploring how states attempt to settle these differences. Aletta has studied political science in Berlin and Melbourne and has previously worked as a researcher at the University of Bremen and the University of Duisburg-Essen. Aletta participates in the working group "Seabed Resource Management". Recently she has chaired a panel on "Environmental Regulation" at the International Studies Association Conference in Hong Kong and seeks to get more social scientists interested in ocean governance.
The subject of governance of oceanic systems and coastlines is moving into the centre of European strategic and sustainability interests. Yet, it suffers from high degree of fragmentation and the lack of a cross-scalar approach to address prevailing policy shortcomings. The COST Action “Ocean Governance for Sustainability – Challenges, Options and the Role of Science” comprises a unique, transdisciplinary network of 26 EU countries.

The network aims to establish an integrative vision and a series of approaches that informs research and future policy directions on crosscutting sustainability-driven issues related to the fragmented governance framework of oceans, seas and coastlines within regional waters, and the open ocean in areas beyond national jurisdiction.

The network differs from thematic predecessors in two distinct ways: while attending to the multiple flows and connectivities between varied marine systems together with land and sea-based interfaces that are biologically, culturally, politically and socio-economically entwined, it first renders equal importance to strengthening regional and interdisciplinary dialogue, producing scientific output, crosscutting the natural and social sciences.

Synergistic issue-driven working groups have been created at a time when Europe is considering its role in global ocean governance, and will continue to evolve well after the COST Action OceanGov ends. The network creates a distinct multi-scalar and cross-sectoral platform for institutional partners across academia, policymaking and civil society, presenting inclusive spaces for transdisciplinary dialogue, capacity development and the advancement of practical toolkits that attend to science- policy gaps inherent within integrated ocean and coastal governance.

Additional Information of Interest

**General Assembly of the German Marine Research Consortium (KDM)**

**Location:** Hamburg, Germany

**Date:** June 26, 2017

Konsortium Deutsche Meereinsicht

At the general assembly of the German Marine Research Consortium (KDM) on the 26th of June in Hamburg the consortium voted for the establishment of the strategy group of social sciences and humanities. This shows the rising importance of social sciences and humanities for the marine sciences, which also becomes apparent in the Marine Research Program of the German Government (Mare-N or the Sustainable Development Goal 14 (Conservate and sustainably use the oceans, seas and marine resources). The establishment of the group strengthens the role of KDM to represent the German marine sciences. The strategy group links scientists, who are working in the field of marine social sciences and humanities. It is a platform for scientists of KDM member institutes and Universities as well as non-members. Its work shall strengthen the newly emerging field of marine social sciences and humanities. One central aim of the group is to link up to other strategy groups within KDM, to enable a problem oriented research with a holistic perspective within German marine sciences. This creates an added value for science and society. Contact person of the strategy group social sciences and humanities is Prof. Dr. Achim Schlüter from the Centre of Tropical Marine Research (ZMT) and Jacobs University, Bremen.

**Call for Expressions of Interest – Taskforce on Ocean Governance at the Earth System Governance Project**

The Oceans Taskforce will bring together scholars and practitioners within the global Earth System Governance network and will help to expand our expertise in the marine area (new participants are welcome!). Research within the network already covers many substantive oceans issues like fisheries policy, deep-sea mining, climate change impacts on oceans, pollution from ships, marine protected areas, plastic pollution, and governance of areas beyond national jurisdiction. It also advances relevant theoretical understanding on issues like fragmentation, legal architectures, and the interplay between natural and social sciences in relation to oceans. In addition, the Earth System Governance Project is involved with many research activities, scientific and policy institutions, and ongoing policy processes related to the Oceans.

For more information visit: http://www.earthsystemgovernance.org/call-for-expressions-of-interest-taskforce-on-ocean-governance/

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