

OCEAN SUSTAINABILITY SCIENCE SYMPOSIUM

4 – 6 March 2015, ATLANTIC Hotel in Kiel / Germany

Preliminary Agenda (Stand: 19 January 2015)

4 March 2015

8:00 Registration & welcome coffee

9:00 Opening

Plenary on ocean sustainability:

9:15 Overview – Katherine Richardson (Department of Oceanography, University of Copenhagen/Denmark)

9:30 Reinhold Leinfelder (Director, Haus der Zukunft gGmbH i.Gr. (House of the Future), Berlin / Germany)

9:45 Panel discussion:

Mark J. Spalding (Ocean Foundation / USA)

Hinrich Thoenen (Federal Foreign Office / Germany)

Konrad Ott (Department of Philosophy Kiel University / Germany)

Richard Klein (Stockholm Environment Institute / Sweden)

10:30 Coffee break

Plenary on ocean sustainability:

11:00 Wendy Watson-Wright (Intergovernmental Oceanographic Commission of the United Nations Educational, Scientific and Cultural Organization (IOC-UNESCO) / Canada)

11:15 Mike Orbach (Duke Marine Lab / USA)

11:30 Panel discussion:

Charles Ehler (Oceans Vision Consulting, Paris / France)

Michelle Portman (Technion, Israel)

David Johnson

12:15 Lunch break with poster session

14:00 Parallel Workshops:

1. Introduction to Ocean Governance

2. Ocean Planning and Indicators

3. Preparing for Coastal Change

4. Games and Comics for Ocean Sustainability

15:30 Coffee break

16:00 Workshops to be continued

17:30 end of workshops

19:00 Symposium dinner (“Fuego del Sur”; walking distance 10-15 min from the Atlantic Hotel)

5 March 2015

Plenary on ocean sustainability with more specific talks

- 9:00 Peter Schlosser (Earth Institute, Columbia University / USA)
- 9:20 Deep Ecology and Ocean Sustainability – Mengyu Li (Ocean University of China, College of Liberal Arts, Journalism and Communication, Qingdao, P.R. CHINA)
- 9:40 tbd (Dalhousie)
- 10:00 Jeff Ardron (IASS – Institute for Advanced Sustainability Studies)
- 10:30 Coffee break
- 11:15 Cindy Lee van Dover (Duke University Marine Laboratory / USA)
- 11:35 Charles Ehler (Oceans Vision Consulting, Paris / France)
- 11:55 to be determined
- 12:15 Lunch break with poster session
- 14:00 Parallel Workshops:
1. Introduction to Ocean Governance
 2. Ocean planning and Indicators
 3. Preparing for Coastal Change
 4. Games and Comics for Ocean Sustainability
- 15:30 Coffee Break
- 16:00 Parallel Workshops:
1. Introduction to Ocean Governance
 2. Ocean Planning and Indicators
 3. Preparing for Coastal Change
 4. Games and Comics for Ocean Sustainability
- 18:00 Poster Session with finger food buffet

Friday, 6 March 2015

- 9:00 Reports from the workshops and closing discussion
- 10:00 Coffee break
- 10:30 Social Sciences :: Kiel Marine Science
- 16:30 closing remarks

WORKSHOPS

Introduction to Ocean Governance (Workshop I)

The workshop aims to discuss capacity-building in the context of ocean governance by gathering experts working in this field. While the importance of capacity-building in strengthening ocean governance has been widely recognized, there is, to date, no overall analysis of the concept in the context of ocean governance or an overview of past and ongoing capacity-building activities in this field. This is considered to have contributed to the lack of coordination (and possibly overlaps) among existing capacity-building initiatives in some cases and the negligence of pressing needs in other cases. Contact: Dr. Yoshinobu Takei; e-mail: yt@wmu.se; Professor Larry Hildebrand

Participants:

Wednesday, 4 March 2015

Thursday, 5 March 2015

Ocean Planning and Indicators (Workshop II) The Open Working Group that was tasked to develop a United Nations framework for the post-2015 development agenda proposes a stand alone Sustainable Development Goal (SDG) for the ocean: Goal 14. Conserve and sustainably use the oceans, seas and marine resources for sustainable development. Given that the ocean and seas cover 70% of the earth's surface area, host the largest connected ecosystem and play a central role in climate stability, oxygen generation, nutrient cycling, food production and coastal protection, the SDG for the ocean, SDG 14, is very adequate, timely and backed by a large body of natural and social, fundamental and applied science. This workshop will discuss the opportunities that this agenda holds for the ocean research community in the context of sustainable development indicators and a global future ocean planning research effort. Organizers: Martin Visbeck & Martin Quaas

Participants:

Wednesday, 4 March 2015

Thursday, 5 March 2015

Preparing for coastal change (Workshop III) Rapid population growth and urbanisation, economic development and intensification of coastal hazards, due either to climate change or human actions, are expected to re-shape coastal regions in the coming years. Changes in the way we manage and live in the coastal environment are necessary in order to be able to cope with the pressures exerted by the above factors. The workshop will discuss the main physical and socio-economic processes that are currently driving coastal change and will propose new pathways that can lead to a sustainable coast. A focus of the workshop will be the question of how to deal with deep uncertainties when formulating long term policies for managing coastal regions. The workshop will involve experts from the fields of, among others, sea-level science, impact and adaptation assessment, coastal engineering, coastal ecology and integrated coastal zone management. Contact: Prof. Dr. Athanasios Vafeidis e-mail: vafeidis@geographie.uni-kiel.de

Participants:

Wednesday, 4 March 2015

Thursday, 5 March 2015

Games and Comics for Ocean Sustainability (Workshop IV) The way, maritime subjects are perceived are very different between people and thus ocean literacy necessarily differ between people, maybe also in relation to the distance to the sea. However only informed people can make informed decisions. The communication of scientific results is thus crucial to increase literacy and allow informed decision-making. Communication could be either interactive, e.g. games, or using easy to approach media, e.g. comics. In the past years, there is growing realization of the potential for games and game like experiments as powerful tools for education, outreach and research in many fields of economics and other sciences, and in particular for issues related to maritime management. Comics also gain more traction of being vehicles of informing a wider public. This workshop will explore new ways of science communication and how to engage with stakeholders and the general public. Contact: Dr. Jörn Schmidt e-mail: jschmidt@economics.uni-kiel.de; Chris Vicari email: cvv2104@tc.columbia.edu

Participants:

Wednesday, 4 March 2015

Thursday, 5 March 2015



KIEL
MARINE
SCIENCE

CONNECTED RESEARCH

CALL FOR ABSTRACTS

Social Sciences

Kiel Marine Science

INTERNATIONAL SCIENTIFIC WORKSHOP
FRIDAY, MARCH 6, 2015
HOTEL ATLANTIC, KIEL

Kiel Marine Science, Kiel University's Centre for Interdisciplinary Marine Science, will host an international workshop to explore the potential of broadening the social science basis in Kiel Marine Science. Submissions are welcome from any discipline of social sciences, if they address a question related to the oceans. Specific topics that shall be discussed at the workshop include the following:

- ▶ Towards sustainable futures of coastal communities and marine areas.
- ▶ Competitiveness and environmental sustainability of maritime value chains and innovation systems.
- ▶ Power, ideas, norms, and discourses in matters of maritime governance.
- ▶ Processes of social change and the maritime environment.
- ▶ Maritime security, with particular reference to security challenges and maritime strategies of leading maritime nations.
- ▶ The political consequences of scientific findings in maritime matters.
- ▶ Governance strategies to manage risks among actors from civil society or government.

Submission deadline
31st of January, 2015

Notification of acceptance
7th of February, 2015

International Workshop
6th of March, 2015

Submissions should be sent as a single pdf-file via email to
social_science@kms.uni-kiel.de

The pdf-file should include a title, author names and affiliations, and abstract of the paper that shall be presented.



future ocean
KIEL MARINE SCIENCES

Ocean Sustainability Science Symposium
4 – 6 March 2015 / Kiel, Germany
www.ocean-sustainability.org



→ **Towards sustainable futures of coastal communities and marine areas**

Exploring socio-ecological resilience and risk management with a focus on governance processes and cross-sectoral adaptive planning.

→ **Competitiveness and sustainability of maritime value chains and innovation systems**

Maritime economies comprise diverse value chains including logistics, shipbuilding, shipping supplies, energy production, food industry, and pharmaceutical industry. Intensified use of maritime resources and connection of industrial sectors lead to innovation and new scope for added value for coastal regions. To better understand these processes, business economic questions have to be addressed concerning the measurement and dynamics of the performance of maritime economies. The basis for strengthening maritime economic sectors is the provision of required infrastructure, including the support of networking between economic actors. The logistics perspective addresses the optimization of the division of labor, while the innovation perspective addresses the management challenges associated with distributed innovation processes.

→ **Power, ideas, norms, and discourses in matters of maritime governance**

We are interested in contributions that study the role of political power (decision making power, interest group influence and societal pressures) in maritime government and governance. A specific focus could be on governance designs that go beyond the nation state as the central actor. Theoretical approaches to discourse as applied to maritime topics are also welcome.

→ **Processes of social change and the maritime environment**

Dealing with any issues about environmental change, this research field relates their consequences with the societal implications of ecological problems such as pollution or sea level rise and spatial challenges such as the management of sea coasts and the effects on the population in those areas or the effects on maritime and coastal tourism.

→ **Maritime security, with particular reference to security challenges and maritime strategies of leading maritime nations**

We are interested in contributions that address the issue of maritime security, for example the protection of globally relevant sea lanes. Likewise, maritime security strategies for defending sovereign interests in areas of global strategic relevance such as the Arctic Ocean or in contested maritime spaces such as the South China Sea are issues of interest.

→ **The political consequences of scientific findings in maritime matters**

We are interested in the process that leads from scientific finding to policy recommendation to decision making (policy output) to implementation and politically induced result (outcome). A specific focus could be on the power configurations that influence each step of this pathway, including the feedback relations between the steps. Research on epistemic communities are also welcome.

→ **Governance strategies to manage risks among actors from civil society or government**

Sustainability research pertains societal transformations with regard to global and local issues (such as coastal regions) and addresses the decision making processes of societal and political actors that relate to sustainable developments. Preferably, a focus could be on governance strategies which are applied to manage risks among actors from civil society and government (risk governance). Theoretical concepts of risk assessment and ethics of risk as applied to maritime topics are also welcome.

Director of KMS

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