



## Winter School

### Ocean Governance for Sustainable Marine Ecosystems

#### Draft Program (as of September 2019)

Sessions start at 9:00. Lunch Break from approx. 12:30-14:00. Afternoon session from approx. 2-6pm.

The Winter School takes place at the Leibniz Centre for Tropical Marine Research in Bremen/Germany.

Arrival Day (Sunday Feb 16)	
	<b>Welcome Dinner</b>
DAY 1 (Monday Feb 17) Sustainable Development Goals & Biodiversity	
<i>Morning</i>	<p><b>Opening of the Winter School</b> Icebreaker &amp; Group building exercise, Introduction to the program (Dr. Janine Reinhard)</p> <p><b>Introduction to Ocean Governance, Sustainable Development Goals (SDG) and the UN Ocean Science Decade.</b></p> <ul style="list-style-type: none"> <li>- Dr. Werner Ekau (ZMT), Prof. Dr. Anna-Katharina Hornidge (ZMT/IOI), Dr. Awni Behnam (International Ocean Institute, via Skype)</li> </ul>
<i>Lunch Break</i>	
<i>Afternoon</i>	<p><b>Loss of Biodiversity</b></p> <ul style="list-style-type: none"> <li>- Prof. Dr. Helmut Hillebrand (Helmholtz Institute for Functional Marine Biodiversity at the University of Oldenburg, HIFMB) – confirmed</li> <li>- <b>Poster Session/Science Slam.</b> Participants present their research and activities</li> </ul>
DAY 2 (Tuesday Feb 18) Resources	
<i>Morning</i>	<p><b>Modeling and Computer-Simulation of Resources in its Ecosystem Context</b></p> <ul style="list-style-type: none"> <li>- Prof. Dr Matthias Wolff (ZMT, Department Theoretical Ecology and Modelling)</li> </ul> <p><b>Fisheries Management Principles</b></p> <ul style="list-style-type: none"> <li>- Dr. Gerd Kraus (Thünen Institut, Bremerhaven)</li> </ul>
<i>Lunch Break</i>	
<i>Afternoon</i>	<p><b>Group Work: Exercise on Large Marine Ecosystem Management</b></p> <ul style="list-style-type: none"> <li>- Dr. Werner Ekau (ZMT, Department Ecology)</li> </ul>
<i>Evening</i>	<b>Fireside Chat</b> – Volker Koch, GIZ (Deutsche Gesellschaft für internationale Zusammenarbeit)

DAY 3 (Wednesday Feb 19) Pollution & Ocean Acidification	
Morning	<p><b>Ocean Plastic</b> - tbd</p> <p><b>Ocean Acidification</b> - Dr. Henry Wu (ZMT Bremen, Junior Research Group Leader Coral Climatology)</p> <p><b>Mining (Shelf &amp; Deep Sea)</b> - tbd</p>
<i>Lunch Break</i>	
Afternoon	<p><b>Training in Outreach Activities &amp; Policy Communication</b> How to communicate interdisciplinary research on Ocean Governance and Sustainability to policy makers and the broader public. (tbd)</p>
Evening	<p><b>Fireside Chat</b> - Dr. Alfred Schumm (Head of Innovation, Sciences &amp; Technologies, WWF)</p>
DAY 4 (Thursday Feb 20) Societal Perspective on Biodiversity & Marine Spatial Planning	
Morning	<p><b>Coastal Livelihood Systems and Change Adaptation in Developing Contexts</b> - Prof. Dr. Anna-Katharina Hornidge (ZMT)</p> <p><b>Ocean Governance and Law of the Sea</b> - Prof. Dr. Rüdiger Wolfrum (Max-Planck-Foundation)</p> <p><b>International Cooperation &amp; Capacity Development for Ocean Governance</b> - Dr. Marie Bonnin, French National Research Institute for Sustainable Development</p>
<i>Lunch Break</i>	
Afternoon	<p><b>Exkursion: Bundesamt für Seeschifffahrt und Hydrographie (BSH), Department: Marine Spatial Planning, Hamburg</b> - Ulrich Scheffler, BSH: Introduction to the Marine Spatial Planning, Group Exercise and Role Play on Marine Spatial Planning</p>
Day 5 (Friday Feb 21) Economic Perspective on Biodiversity & Wrap-Up	
Morning	<p><b>An economic perspective on biodiversity</b> - Dr. Jörn Schmidt, Christian-Albrechts-Universität zu Kiel</p> <p><b>Pollution and the economics of governance</b> - Prof. Dr. Achim Schlüter (ZMT, Working Group Institutional and Behavioural Economics) - Group Work: Experiments and Games</p>
Afternoon	<p><b>Presentation of group work, Wrap-up</b> - What have learned? How do we want to continue our collaboration and which network activities do we plan?</p>
Evening	<p><b>Farewell Dinner</b></p>
Day 6 (Saturday Feb 22) Departure Day	