



5th Annual INTERCOAST Workshop 16th June 2014 - 20th June 2014

Monday, 16th June 2014 at MARUM seminar room 2070

- 09:30 - 10:00 Welcome by Katrin Huhn & Chris Battershill
- 10:00 - 11:00 Chris Battershill: *RENA 2.5 years on – Good & bad news*
- 11:00 - 12:00 Carolyn Lundquist (NIWA Auckland)
Bridging the divide: merging socio-economic and ecological information to enhance marine stewardship
- 12:00 - 13:30 Lunch
- 13:30 - 14:00 Merle Bollen
Range expansion mechanisms in invasive seaweeds
- 14:00 - 14:30 Manuela Biondo
Trends of habitat patchiness in acoustic seafloor classification data
- 14:30 - 15:30 Stephan Lutter (WWF)
WWF promoting the ecosystem approach to management in North Sea & North-East Atlantic



Tuesday, 17th June 2014 at MARUM seminar room 2070

- 08:45 - 09:15 Shawn Harrison
Modelling sediment exchange around ebb-tide deltas
- 09:15 - 09:45 Alex Port
Estuary-shelf nutrient exchange controls and interannual patterns in estuarine Ulva dynamics
- 09:45 - 10:00 Coffee break
- 10:00 - 10:30 Brice Blossier
Morphodynamic equilibria of coastal systems
- 10:30 – 11:00 Tobias Kulgemeyer
Integrated electromagnetic, optical and acoustic imaging of coastal systems
- 11:00 - 12:00 Holger Weilbeer (Bundesanstalt für Wasserbau)
Sediment Transport and Sediment Management in German North Sea Estuaries
- 12:00 – 13:30 Lunch
- 13:30 - 14:00 Ehsan Jorat
In situ geotechnical property evaluation of low strength on-shore and near-shore sediments in use assigned areas - Part I
- 14:00 - 14:30 Max Oke Kluger
In situ geotechnical property evaluation of low strength on-shore and near-shore sediments in use assigned areas – Part II
- 14:30 - 15:30 Klaus Ricklefs (FTZ, University Kiel)
The Eider or how human interventions can alter an estuary.



Wednesday, 18th June 2014 at MARUM seminar room 2070

- 08:45 - 09:15 Rachel Harris
The Effects of Biotic Interactions on Intertidal Sediment Stability
- 09:15 - 09:45 Clarisse Niemand
The impact of macrophyte mats on the structure and functioning of benthic communities
- 09:45 - 10:00 Coffee break
- 10:00 - 10:30 Florian Boxberger
Anthropogenic impact on the development of coastal marine ecosystems through the last millenium
- 10:30 – 11:00 Marius Becker (MARUM, Uni Bremen)
Turbidity and turbulence - Regime shifts in tide-controlled estuaries
- 11:00 - 12:00 Maria Lambers-Huesmann (Bundesamt für Seeschifffahrt und Hydrographie)
Seabed properties and dynamics – Geology at the BSH
- 12:00 – 13:30 Lunch
- 13:30 - 14:00 Franziska Helmich
Benchmarking of three penetrometer for identification of fluid mud layers
- 14:00 - 14:30 Franziska Staudt
Initiation of motion: investigating sediment remobilization processes combining lab flume tank experiments, field measurement and numerical simulations
- 14:30 - 15:30 Marion Glaser (ZMT - Leibniz Center for Tropical Marine Ecology)
Between LOICZ and Future Earth - Coasts: The achievements and prospects of a coast and ocean oriented global environmental change project



Thursday, 19th June 2014 at MARUM seminar room 2070

- 08:45 - 09:15 Christina Gawrych
Legal aspects of protecting high-value coastal areas
- 09:15 - 09:45 Alicia Ferrer-Costa
The use of GIS as a tool to integrate services of coastal environments in spatial planning
- 09:45 - 10:00 Coffee break
- 10:00 - 10:30 Anja Singer
Modelling the distribution of macrofauna species in the Jade Bay in response to environmental change
- 10:30 – 11:00 Seth Gustafson
- 11:00 - 12:00 Andreas Hübscher (Institut für Seeverkehrswirtschaft und Logistik)
H2OCEANS – Development of a wind-wave power open-sea platform equipped for hydrogen generation with support for multiple users of energy
- 12:00 – 13:30 Lunch
- 13:30 - 14:00 Steven Farnworth
Civil Liability for offshore drilling in New Zealand waters
- 14:00 - 14:30 Jan Scheve
'Managed retreat': Flood-related relocation and risk communication in New Zealand and Germany
- 14:30 - 15:30 Gerd Winter (Uni Bremen)
The New Regulation of Access to Marine Genetic Resources and Benefit Sharing. Obstacles or Chances for Marine Biological Research and Development?



Friday, 20th June 2014 at MARUM seminar room 2070

- 08:45 - 09:15 Ingrid Leersnyder
Regulating Tangaroa's Realm: A comparative study of legal issues affecting the offshore exploration and development of energy and mineral resources in New Zealand
- 09:15 - 09:45 Phil Ross
Larval dispersal vs. early aquaculture: alternate explanations for the population structure and dynamics of an endangered surf clam
- 09:45 - 10:00 Coffee break
- 10:00 - 10:30 David Gehrmeier
Environmental Compensation and Adaptive Management in Marine Environments - a Comparison of German and New Zealand Law
- 10:30 - 11:00 Alexandra Gronholz
Assessing environmental changes and risks using a regional coupled ocean - atmosphere - sediment model
- 11:00 - 12:00 Tobias Griesshaber (RWE Innogy GmbH) & Tobias Mörz
News in offshore constructions in the North Sea
- 12:00 - 13:30 Lunch
- 13:30 - 14:00 Chris Daly
- 14:00 - 15:00 David Schiel (University of Canterbury)
International prospective for marine ecological science – where it's come from and where it's going