



2. INTERCOAST workshop from 14th February 2011 – 20th February 2011

Monday, 14th February 2011 at MARUM seminar room 2070

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| 09:15 - 10:30 | Opening and welcome by our Rector Wilfried Müller
Overview MARUM (Gerold Wefer)
Overview about Department of Earth Sciences (Gerold Wefer) |
| 10:30 - 11:00 | <i>Coffee break</i> |
| 11:00 - 11:45 | Overview about Department of Biology (Thomas Hofmeister)
Overview about Department of Social Sciences (Bernd Zolitschka)
Overview about Department of Law (Sabine Schlacke) |
| 11:45 – 12:30 | PhD education at University of Bremen (Dierk Hebbeln) |
| 12:30 – 14:00 | <i>Lunch / Mensa</i> |
| 14:00 – 15:00 | <u>Plenary talk</u>
Geology of the North Sea
Burghard Flemming (Senckenberg) |
| 15:00 – 15:30 | <i>Coffee break</i> |
| 15:30 – 15:55 | Morphodynamic Equilibria of Embayed Beaches
Chris Daly (Uni Bremen; FB5) |
| 15:55 – 16:10 | Construction of numerical grids for Tauranga Harbour
Eva Kwohl (Uni Bremen, MARUM) |
| 16:10 – 16:35 | Bedform evolution in a tidal inlet inferred from wavelet analysis
Serena Fraccascia (Uni Bremen; FB5) |
| 16:35 – 17:00 | Hydroacoustic habitat mapping at Jade-Weser Port construction
Ruggero Capperucci (Uni Bremen; Senckenberg) |
| 19:30 | Joint dinner at the <i>Ratskeller</i> in the Bremen town hall under participation of the New Zealand Ambassador H.E. Peter Rider |



Tuesday, 15th February 2011 at MARUM seminar room 2070

- 09:15 – 10:15 **Plenary talk**
New research at the Bundesanstalt für Seeschifffahrt und Hydrographie
Manfred Zeiler (BSH)
- 10:20 – 10:45 **Sediment sorting and transport pathways in a barrier beach system: A Multi proxy approach**
Firoz Badesab (Uni Bremen, FB5)
- 10:45 – 11:10 **Effect of Strain Rate on Insitu Undrained Shear Strength of Marine Clays Using Free Fall Cone Penetration Testing (FF-CPT)**
Vigneshwaran Rajasekaran (Uni Bremen, FB5)
- 11:10 – 11:35 **On the stabilizing influence of silt on sand beds**
Gerhard Bartzke (Uni Bremen, FB5)
- 10:30 – 11:00 *Coffee break*
- 11:00 – 13:00 **Plenary talk**
Sediment transport and regime shift
Harro Heyer (BAW)
- 13:00 – 14:00 *Lunch / Mensa*
- 14:00 – 14:25 **Setting-up a North-Sea regional ocean model for mid-latitude storm analysis**
Nilima Natoo (Uni Bremen, FB5)
- 14:25 – 14:50 **Surficial sediment grain-size distribution on the sandy shelf at the North Sea of Germany**
Ella Meilianda (Uni Bremen, MARUM)
- 14:50 – 15:15 **Climate Change and Mobility: Legal Claims and Discourses in the Pacific Region**
Silja Klepp (Uni Bremen, artec)
- 15:15 – 15:45 *Coffee break*
- 15:45 – 17:00 Thesis Committee Meetings IC1; IC2 (MARUM seminar rooms 2060)
There will be a MARUM tour for those not involved in IC1, IC2
- 19:30 – 20:30 **Public plenary talk** (will be held in the *Olbers Saal* at the *House of Science – Haus der Wissenschaften; Sandstraße 4/5; Bremen City*)
Between the tides: the Senckenberg Institute
Andre Freiwald (Senckenberg)

Wednesday, 16th February 2011 at MARUM seminar room 2070

- 08:00 – 08:30 **Sedimentation impacts on photosynthetic performance of marine macrophytes: A comparative study on *Zostera* sp. in New Zealand and Germany**
Dorothea Kohlmeier (Uni Bremen; FB2)
- 08:30 – 09:00 **Beyond hard protection? An anthropological perspective on emerging coastal hazard protection practices in Aotearoa New Zealand**
Friederike Gesing (Uni Bremen; artec)
- 09:00 – 09:15 *Coffee break*
- 09:15 – 09:40 **The Regulation of Conflicts arising out of the Protection & Utilisation of Coastal Areas - The Example of Port Development in Germany and New Zealand**
Lisa Marquardt (Uni Bremen, FB6)
- 09:40 – 10:05 **International law on tuna fisheries management - How can legal instruments meet their objectives?**
Ingo Unterweger (Uni Bremen; FB6)
- 10:05 – 10:30 **Habitat dynamics in response to constructional impacts: a biological approach**
Ruth Gutperlet (Uni Bremen, Senckenberg)
- 10:30 – 11:00 *Coffee break*
- 11:00 – 12:00 **Plenary talk**
COSYNA & Waddenacademie
Franciscus Colijn (GKSS Geesthacht)
- 12:00 – 13:00 *Lunch / Mensa*
- 13:00 – 13:25 **New coastal projects at Waikato University**
Karin Bryan (Uni Waikato)
- 13:25 – 13:50 **Modelling estuarine nutrient dynamics and macrophyte blooms**
Alex Port (Uni Waikato)
- 13:50 – 14:15 **Modelling sediment exchange around ebb-tidal bar systems - an introduction**
Shawn Harrison (Uni Waikato)
- 14:15 – 14:40 **The impact of macrophyte mats on benthic structure and function**
Clarisse Niemand (Uni Waikato)
- 14:40 – 15:05 **An introduction into the new PhD project**
Rachel Harris (Uni Waikato)
- 15:05 – 15:30 *Coffee break*
- 15:30 – 16:30 Round tables – group meetings: **Law & Social Sciences**
- 16:00 – 17:00 Thesis Committee Meeting IC3 (MARUM seminar room 2060)



Thursday, 17th February 2011 at MARUM seminar room 2070

- 09:15 – 10:00 **Plenary talk**
Short and long term monitoring programs for examining environmental impacts and responses to climate change
Chris Battershill (Uni Waikato)
- 10:00 – 11:00 **Plenary talk**
Adapting the shallow Wadden Sea region to a changing world
Karsten Reise (Alfred-Wegener-Institute)
- 10 min. *short break*
- 11:00 – 12:00 Round tables – group meetings: **Earth sciences and Biology**
- 12:00 – 13:00 *Lunch / Mensa*
- 13:00 – 19:00 **Bremen Environmental Law Conference** at Schütting
continue Friday, 18th February 2011
- 09:15 – 13:00 **Bremen Environmental Law Conference** at Schütting

Friday, 18th February 2011 at MARUM seminar room 2070

- 15:00 – 15:45 Thesis Committee Meetings IC5; IC10; IC11
(MARUM seminar rooms 2060, 2070)
- 15:45 – 16:30 Thesis Committee Meetings IC6; IC 8; IC12
(MARUM seminar rooms 2060, 2070)
- 16:30 – 17:15 Thesis Committee Meetings IC9 and Thesis Committee Meetings of the
New Zealand students
(MARUM seminar rooms 2060, 2070)



Saturday, 19th February 2011 at MARUM seminar room 2070

- 10:00 – 10:20 **Bed roughness: from morphology to hydrodynamics**
Alice Lefebre (MARUM; Uni Bremen)
- 10:20 – 10:40 **New wind park offshore constructions in the North Sea**
Tobias Mörz (MARUM, Uni Bremen)
- 10:40 – 11:00 **New coastal developments in the Bay of Plenty**
Rob Donald (EBoP)
- 11:00 – 11:30 *Coffee break*
- 11:30 – 13:30 Panel discussion:

New frontiers in coastal and shelf sea research: the future of INTERCOAST

Speakers: Christian Winter (Uni Bremen), Karin Bryan (Uni Waikato), Michael Flitner (Uni Bremen), Chris Battershill (Uni Waikato)
- 13:30 – 14:00 *Closure*
- 14:00 – 15:00 Joint lunch @ MARUM
- 15:00 – 15:30 **Introduction into the field trip**
Alexander Bartholomä & Ingrid Kröncke (Senckenberg)
- 19:30 – 22:30 **Dinner in the Dark**
at the Universum

Sunday, 20th February 2011

Start 09:00 in front of the MARUM building
field trip: Senckenberg / Jade-Weser Port / Jade Busen / Wattenmeer
(organised by Alexander Bartholomae & I. Kröncke).

Arrival back in Bremen approx. 19:00