



BaltCoast 2004 – Managing the Baltic Sea

26th – 28th April 2004 in Rostock-Warnemünde, Germany

Programme

Version: 16. April 2004

Sunday, 25th April

19:30 Informal possibility to meet colleagues and participants in the wine bar "Weinstube", Mühlenstraße

Monday, 26th April

10:00 – 10:15 **Welcome** (Gerald Schernewski, EUCC-Germany and Klaus Juergens, Baltic Sea Research Institute, Germany)

10:15 – 10:45 **BaltCoast - Integrated Coastal Zone Development in the Baltic Sea** (Susan Toben, Ministry Mecklenburg-Vorpommern, Germany)

10:45 – 11:30 **Marine protected areas in the Baltic Sea area - HELCOM and EU strategies; HELCOM activities on integrated marine and coastal management in the Baltic Sea Area** (Dieter Boedeker, Federal Agency for Nature Conservation, Germany)

11:30 – 12:00 **Coffee break**

12:00 – 12:30 **State of art and common approach for Baltic ICZM** (Alan Pickaver, EUCC-International, Netherlands)

12:30 – 13:00 **Harmonisation of management plans: Natura 2000, Water Framework Directive and EU recommendation on ICZM** (Gerold Janssen, Leibniz Institute of Ecological and Regional Development, Germany)

13:00 – 13:30 **National ICZM strategy in Germany** (Bernhard Glaeser, Kira Gee, Social Science Research Center Berlin, Germany)

13:30 – 14:30 **Lunch break**

- 14:30 – 15:00 National ICZM strategy and initiatives in Poland (Kazimierz Rabski, EUCC-Poland)
- 15:00 – 15:30 National ICZM strategy and initiatives in Lithuania (Ramunas Povilanskas, EUCC Baltic Office, Lithuania)
- 15:30 – 16:00 National ICZM strategy and initiatives in Estonia (Evald Ojaveer, Marine Institute of the University of Tartu, Estonia)
- 16.00 – 16:30 **Coffee break**
- 16:30 – 17:00 Baltic Sea Ecosystem Health: BSRP approach (Eugeniusz Andrulewicz, Sea Fisheries Institute, Poland)
- 17:00 – 17:30 Critical review of the Baltic ICZM activities (Peter Burbridge, Great Britain)
- 17:30 – 18:00 **Moderated Discussion**
- 18:00 – 19:30 **Get-together** with snacks and drinks (conference building)

Tuesday, 27th April

- 09:00
- 09:05 – 09:30 The UNEP activities on integrated coastal area and river basin management (Martin Adriaanse, UNEP, Netherlands)
- 09:30 – 09:55 LOICZ: River basin - coast activities (Goetz Floeser, LOICZ office, Germany)
- 09:55 – 10:20 Assessing catchment-coast interactions for the Bay of Gdansk (Andreas Kannen, FTZ, Germany)
- 10:20 – 10:45 Sources of nutrient load into the Baltic Sea by rivers Odra, Vistula and Daugava - results of an harmonized modelling approach (Horst Behrendt, IGB, Germany)
- 10:45 – 11:15 **Coffee break**
- 11:15 – 11:40 Eutrophication of southern Baltic estuaries: Towards integrated river basin - coastal sea management (Gerald Schernewski and Thomas Neumann, EUCC and IOW, Germany)
- 11:40 – 12:05 Boddens and haffs of the Baltic Sea - a world apart? (Ulrich Schiewer, University of Rostock, Germany)
- 12:05 – 12:30 A phytoplankton based evaluation system for assessment of the ecological state of brackish coastal waters from the Southern Baltic Sea (Thorsten Rieling, University of Rostock, Germany)
- 12:30 – 13:00 **Poster session****
- 13:00 – 14:00 **Lunch break**

- 14:00 – 14:25 The management strategies for coastal fisheries and aquaculture in the Archipelago Sea, SW Finland (Kari Ranta-aho, The Employment and Economic Development Center of SW Finland, Finland)
- 14:25 – 14:50 The perception of a beach in a modern tourist: Is the sandy beach a place of conflict between tourism and biodiversity? (Marcin Filip Jędrzejczak, Institute of Oceanology, Polish Academy of Sciences, Poland)
- 14:50 – 15:15 Metadata Systems for Coastal Areas - Perspectives and Experiences (Wassilios Kazakos, Research Center for Information Technologies, Germany)
- 15:15 – 15:40 ICZM in forests by the Baltic Sea (Nina Gad-Burgman, Regional Forestry Board of Östra Götaland, Sweden)
- 15:40 – 16:10 **Coffee break**
- 16:10 – 16:35 Towards operational monitoring of the Baltic Sea by Remote Sensing (Harald Krawczyk, IMF Germany)
- 16:35 – 17:00 Discharge and transport processes along the German Baltic Coast (Herbert Siegel, IOW, Germany)
- 17:00 – 17:25 Coastwatch - serving ICZM indicator development and the Water Framework Directive with earth observation data (Irene Lucius, EUCC-International, Netherlands)
- 17:25 – 17:50 ICZM indicators (Alan Pickaver, EUCC-International, Netherlands)
- 17:50 – 18:20 **Moderated Discussion**

Wednesday, 28th April

- 08:50 Technical remarks
- 08:55 – 09:20 The role of the coastal engineer in ICZM (Peter Froehle, Institute for Hydraulic and Coastal Engineering, University of Rostock, Germany)
- 09:20 – 09:45 Analyses of variations in water level time-series at the Southern German Baltic Sea coastline (Juergen Jensen, Research Centre for Water and Environmental Engineering at University of Siegen, Germany)
- 09:45 – 10:15 **Coffee break**
- 10:15 – 10:40 EU-project SEAREG - a regional study of Vorpommern (Hartmut Rudolphi, Institute of Geography and Geology Greifswald, Germany)
- 10:40 – 11:05 Sea level change and spatial planning: Findings of the SEAREG Project (Michael Staudt, Geological Survey of Finland, Espoo, Finland)

11:05 – 11:30 Shipping in Coastal Regions - State of the Art and Current Research for Emission Reduction (Bert Buchholz, Institute of Energy- and Environment Management, University of Rostock, Germany)

11:30 – 12:00 **Final Discussion**

12:00 – 13:00 **Lunch break**

13:00 – 18:00 **Field trip** guided by Ulrich Schiewer (bus tour with short walks).

Topics: Coastal protection and dynamics, the first seaside resort in Germany (Heiligendamm), classicistic architecture, quality tourism and new trends, the marina and promenade in Kuehlungsborn, natural coastall landscape near lake Riedensee and moraines near Boiensdorf

(Departure in front of the conference building, early notification of interest is necessary, a fee of approx. € 10 has to be paid in cash on site.)

parallel to the field trip:

13:00 – 18:00 **Kick-off meeting** of the project „IKZM-Oder“ (ICZM at the Oder estuary; in German language; guests are welcome)

Presentation of aims and work of the project and the links with the regional Agenda 21 Stettiner Haff. Introduction of the project partners and the steering committee. A detailed program is available on demand.

17:00 Welcome by the minister for the environment of Mecklenburg-Vorpommern, Prof. Dr. Methling

18:00 – 21:00 **Get-together** with drinks and snacks (conference building)

19:00 - 20:00 **EUCC Germany – member meeting** (conference building)

Thursday, 29th April – Friday, 30th April

AMK-Tagung (Annual meeting of the association 'Marine and Coastall Geography'; in German language). Please find further information under:

www.eucc-d.de/amk2004

All lectures should reserve at least 5 minutes for discussions.

Poster session**

BaltCoast

An attempt to conduct a health assessment of coastal ecosystems based on example of the Gulf of Gdansk (Eugeniusz Andrulowicz et. al)

COSA: Coastal Sands as Biocatalytical filters (Joanna Drazek)

Status of *Fucus* spp. and Phanerogams along the Baltic Coast of Schleswig-Holstein (Karin Fuerhaupter et. al)

Plant diversity dynamics on dunes of Swina Gate Barrier: a largely undisturbed accumulative coast (Ralf Grunewald and Tomasz A. Łabuz)

Municipality of Uusikaupunki as a pilot for Coastal Management Strategy for Southwest Finland (Leena Arvela-Hellen, Mika Peippo and Virpi Vuojärvi-Torhamo)

Spatial and temporal observations of beach tourism using webcam and aerial photographs (Martina Kammler and Gerald Schernewski)

Sea Level Change and Spatial Planning in the Baltic Sea Region: findings of the SEAREG project (Johannes Klein, Michael Staudt and Philipp Schmidt-Thomé)

Operational hydrodynamic model as an environmental tool in the Oder estuary (Halina Kowalewska-Kalkowska and Marek Kowalewski)

Coastal dune development under natural and human influence on Swina Gate Barrier (Polish coast of Pomeranian Bay) (Tomasz A. Łabuz)

Coastal co-operation in SW Finland: Problems and challenges (Samu Numminen)

Environmental Impact of Oil Transport Industry on Lithuanian Baltic Seashore (Vytautas Oskinis and Gytautas Ignatavicius)

Das Subprojekt "Warnowregion" (Gustav Graf von Westarp and Guenther Hering)

Towards a Typology for the Baltic Sea (Gerald Schernewski and Magdalena Wielgat)

Huge metal leakage from Finnish agricultural land into the central parts of Gulf of Bothnia (Robert Sundström, Marcus Roos and Mats Åström)

AMK

A Coastal Agenda 21 as a tool for sustainable spatial developments in the coastal zones of the Baltic Sea Region (Florian Ballnus)

The Holocene sea-level rise at the East Frisian coast, North Sea: New ages provided by optical dating (Friederike Bungestock, Barbara Mauz and Andreas Schaefer)

Towards a national ICZM strategy: A spatial planning approach (Kira Gee et al.)

How recreational activities affect the beach and dune ecosystems of the Pommeranian Bight (Ralf Grunewald and H. Schubert)

COMRISK - A transnational project of public authorities on coastal risk management (Jacobus Hofstede)

Spatial Planning as an Integrative Instrument in Coastal Protection Management (Andreas Jeschke)

Holistic Systems Analysis for ICZM: The Coastal Futures Approach (Andreas Kannen)

Pollution and Climate Changes Over the Past 1500 Years Recorded in Baltic Mn/Fe Precipitates (Volker Liebetrau et al.)

Morphodynamik und Tourismus auf transgressiven und regressiven Barriere-Inseln - Beispiele aus West- Jütland, Dänemark (Klaus Schipull)

Applicability of Remote Sensing in Monitoring Coastal Zones (Kerstin Stelzer et al.)

A Coastal Agenda 21 as a tool for sustainable spatial developments in the coastal zones of the Baltic Sea Region (Horst Sterr, C. Corves and R. Duttmann)

The Use of Wind Energy in Mecklenburg-Vorpommern – Planning of suitable Space for Wind Farms onshore (Catrin Strauch)

Handlungsempfehlungen zur nachhaltigen Entwicklung im EU-Vogelschutzgebiet „Greifswalder Bodden“ auf der Grundlage der räumlichen und zeitlichen Ordnung der Erfordernisse des Biotop- und Artenschutzes sowie der Nutzungsanforderungen und -potenziale (UmweltPlan GmbH Stralsund)

Raumanalyse im offshore-Bereich östlich und südlich der Insel Rügen (Pommersche Bucht) - Konfliktanalyse zur Verlegung von Energiekabeln - (UmweltPlan GmbH Stralsund)

Characteristics of Tsunami Deposits on the Island of Oahu, Hawai'i (Franziska Whelan)

Risk assessment of ecological systems on the German north sea coast under climate change (Stefan Wittig, Dietmar Kraft, Juergen Meyerdirks and Michael Schirmer)

The registration and information desk will be open on Monday, 26th April from 8:00 to 18:00.

Venue:

Technologiepark Warnemuende

Conference hall AB

Friedrich-Barnewitz-Straße 5

18119 Rostock-Warnemuende

Germany