

Thursday

22/11/12

08.30 – 09.00 Coffee and tea

Theme 2 Biodiversity

09.00 – 09.25 Jaap Jepma: warm-up for theme 2

09.25 – 10.05 Linking biodiversity change to ecosystem functions – from general concepts to applied issues – Prof. Helmut Hillebrand, Institute for Chemistry and Biology of the Marine Environment, Oldenburg-Wilhelmshaven

10.05 – 10.25 Under what sort of conditions are food webs stable or can they be stabilized? A foresight for the Wadden Sea – Dr. Harald Asmus, AWI Wadden Sea Station Sylt

10.25 – 10.55 Coffee / tea break

10.55 – 11.15 Restoring ecosystem engineering species in the intertidal – the case of mussel beds in the Netherlands – Prof. Han Olf, University of Groningen

11.15 – 11.35 Wadden Sea Flyway Initiative: linking the Wadden Sea with critical sites along the East Atlantic Flyway for migratory waterbirds – Marc van Roomen, SOVON, and Tim Dodman, on behalf of CWSS

11.35 – 12.05 General discussion theme 2 with the audience

12.05 – 12.10 Jaap Jepma: conclusions theme 2

12.10 – 13.20 Lunch

Theme 3 Science for Management and Policy

13.20 – 13.45 Jaap Jepma: warm-up for theme 3

13.45 – 14.25 The science policy interface: challenges and opportunities for international Wadden Sea research and governance – Dr. Esther Turnhout, Wageningen University

14.25 – 14.45 Wadden Sea governance; lessons from OURCOAST – Dr. Rob Steijn, Arcadis

14.45 – 15.15 Coffee / tea break

15.15 – 15.35 Long term challenges for tidal estuaries – EBDa.D. Heinz Glindemann, chairman advisory board TIDE

15.35 – 15.55 Sensing marine life and livelihoods at the seashore – towards an integrated monitoring network and data portal for the Wadden Sea, a coastal UNESCO World Heritage Site – Dr. Katja Philippart, NIOZ

15.55 – 16.15 Mussel beds in the Dutch Wadden Sea: natural dynamics, fishery impacts and restoration options – Dr. Aad Smaal, IMARES

16.15 – 16.45 General discussion theme 3 with the audience

16.45 – 16.50 Jaap Jepma: conclusions theme 3

16.50 – 18.00 Drinks and poster exhibition on the 11th floor

18.00 – 20.00 Dinner on the 11th floor



Friday

23/11/12

08.30 – 09.00 Coffee and tea

Theme 4 Sustainability and Ecosystem Services

09.00 – 09.25 Jaap Jepma: warm-up for theme 4

09.25 – 10.05 Fisheries management in the Wadden Sea from an economic perspective; sustainable use of stocks and the preservation of ecosystem services – Dr. Ralf Döring, VTI Hamburg

10.05 – 10.25 On the value and future of the Frisian historical landscape – Prof. Gilles de Langen, University of Groningen/Province of Fryslân

10.25 – 10.55 Coffee / tea break

10.55 – 11.15 Harbour developments and its effects on ecological functioning and structures – Prof. Victor de Jonge, University of Hull

11.15 – 11.35 Towards sustainable tourism in the Wadden Sea Region – Drs. Albert Postma, Stenden University

11.35 – 12.05 General discussion theme 4 with the audience

12.05 – 12.10 Jaap Jepma: conclusions theme 4

12.10 – 12.20 Ir. Rindert Dankert and Dr. Hessel Speelman: announcement of the Waddenacademie awards for the best Wadden-related Bachelor's thesis (College level) and Master's thesis (University level)

12.20 – 12.30 Prof. Jouke van Dijk: concluding remarks

12.30 – 13.30 Lunch and end of symposium

13.30 – 17.30 (optional) Excursion to the Frisian historical landscape

Background

The first International Scientific Wadden Sea Symposium (ISWSS) was held in 1975. Since then, every few years a new edition is organised by one of the countries bordering the Wadden Sea: Germany, Denmark and The Netherlands. The symposia play a special role in the context of the cooperation between the three countries being a platform for exchange of topical scientific information especially relevant for policy and management with regard to the Wadden Sea Region. One of the main goals of the symposia is to identify key challenges for both science and management of the Wadden Sea – since 2009 a UNESCO World Heritage Site. The recommendations of the ISWSS are taken into consideration in the preparation for the next Trilateral Governmental Conference, which is scheduled 4-5 February 2014 in Tønder, Denmark.

Organisation

The 13th ISWSS is organised by:

- the Common Wadden Sea Secretariat (CWSS);
- the Delta Programme Wadden Area;
- the Dutch Ministry of Economic Affairs, Agriculture and Innovation;
- the Estuarine and Coastal Sciences Association (ECSA);
- Knowledge for Climate;
- the Netherlands National Commission for UNESCO;
- the Waddenacademie.

13th International Scientific Wadden Sea Symposium

An integrated approach
to emerging challenges
in a World Heritage Site

Wednesday
21/11/12

—
Thursday
22/11/12

—
Friday
23/11/12

Wednesday 21/11/12

- 09.00 – 10.00 Welcome with coffee and tea
10.00 – 10.05 Prof. Jouke van Dijk, chairman Waddenacademie: welcome and outline programme
10.05 – 10.15 Representative of the Dutch government: official welcome
10.15 – 10.25 Prof. Victor de Jonge, University of Hull: welcome on behalf of ECSA
10.25 – 10.35 Peter Ilsoe, chairman Wadden Sea Board: current status trilateral cooperation; importance of the ISWSS meetings
10.35 – 10.50 Jens Enemark, CWSS: Wadden Sea World Heritage: the role of science
10.50 – 11.15 Coffee / tea break
11.15 – 11.50 **Keynote** Prof. Karsten Reise, AWI Wadden Sea Station Sylt: Turning tides: a natural history of the Wadden Sea
11.50 – 12.25 **Keynote** Prof. Chul-hwan Koh, Seoul National University: The Getbol: the Korean Wadden Sea – status, development pressures and conservation efforts
12.25 – 13.00 **Keynote** Dr. Fergus Molloy, Great Barrier Reef Marine Park Authority: Integrating science with management of the Great Barrier Reef Marine Park/World Heritage Property
13.00 – 14.00 Lunch
- Theme 1 Climate and Water**
14.00 – 14.25 Jaap Jepma: warm-up for theme 1
14.25 – 15.05 Recent policy relevant progress in scientific knowledge about regional climate risks and regional climate service – Prof. Hans von Storch, Institute for Coastal Research of the Helmholtz-Zentrum Geesthacht
15.05 – 15.25 Adaptation to climate change in the Wadden Sea; the Dutch approach – Prof. Pier Vellinga, National research program Knowledge for Climate & Wageningen University
15.25 – 15.55 Coffee / tea break
15.55 – 16.15 Modeling the turbulent Wadden Sea; what's needed most? – Prof. Hans Burchard, Leibniz Institute for Baltic Sea Research Warnemünde
16.15 – 16.35 Regional sea level rise and the Wadden Sea – Dr. Mark van Koningsveld, Delft University of Technology
16.35 – 17.05 General discussion theme 1 with the audience
17.05 – 17.10 Jaap Jepma: conclusions theme 1
17.10 – 18.30 Reception on the 11th floor of the WTC
18.30 – 21.00 Dinner on the 11th floor with performance by the Frisian singer/songwriter Nynke Laverman and Sytze Pruikma



WTC Leeuwarden
The Netherlands