

Day 2 March 15th (Friday)

Location : Oudemagazijn, Amersfoort <https://oudemagazijn.nl>

Time	Program
08:30 - 09:00	Arrival and Registration
09:00 - 10:00	Session 5: Dunes (Chair: Timothy Price)
09:00 - 09:12	Dutch asynchronous dune development due to the influence of beach pavilions (S.Vos)
09:12 - 09:24	Understanding Drivers of Sandy Beach-Dune Dynamics Through Permanent Laser Scanning (D.C. Hulskemper)
09:24 - 09:36	Hybrid dunes: an international overview (Poppema)
09:36 - 09:48	Simulation of Wind Flow Speed-up over a Foredune Using Computational Fluid Dynamics (S.F. Gargari)
09:48 - 10:00	Towards modelling coastal dune and landform development for real-world applications using AeoliS (B. van Westen)
10:00 - 11:00	Coffee break and poster pitches
	1. Mangrove-Sediment Connectivity in the Presence of Structures Used to Aid Restoration (N.R. Thillaigovindarasu)
	2. Mapping Tools Transforming Blended Finance Options for Nature-Based Adaptation Measures (Ü.S.N.Best)
	3. Quantifying wave impact reduction with a nature-based foreshore at the IJsselmeer dyke (V. Vuik)
	4. Spatial variation in Dutch Wadden Sea salt marshes and nature-based coastal flood protection by Living Dikes (E.B. Sipma)
	5. The effectiveness of oyster reefs as a nature-based erosion control measure during storm events (Thijs van Steen)
	6. Modelling Airflow in Foredune Blowouts Using Computational Fluid Dynamics (Jim Regtien)
	7. Quantification of the Dune Retreat and Eroded Volume: Case in Culatra, Algarve, Portugal during Storm Xynthia 2010 (Dabu, R. E.)
	8. The effect of nourishments on dune erosion during a storm sequence (Bart van der Waal)
	9. Morphological boundary conditions for increasing barrier island dynamics: the case of Schiermonnikoog (A. Kroon)
	10. Quick Reaction Force Egmond aan Zee: Measurements of alongshore-variable dune erosion and hydrodynamics during storm seasons (T.D. Price)
11:00 - 12:00	Session 6: Coastal ecology (Chair: Tim Grandjean, NIOZ)
11:00 - 11:12	Knowledge and Innovation at the Marker Wadden (A.M. Ton)
11:12 - 11:24	Learning from the past: hindcasting abiotic conditions before the closure of the Zuiderzee to better understand the recovery potential of subtidal Eelgrass (Zostera marina) in the western Dutch Wadden Sea (L. Jaksic)
11:24 - 11:36	Flume experiments of vegetation-induced sediment resuspension under combined wave-current flows (T.J. van Veelen)
11:36 - 11:48	Fish migration river (VMR), Afsluitdijk. Part II: expected salinity effects Lake IJssel (N. Geleynse)
12:48 - 12:00	Morphological effects of salt marsh rejuvenation in Zuidgors (Western Scheldt) (J.C. de Smit)
12:00 - 13:30	Lunch

13:30 - 14:30	Session 7: Nature-based solutions (Chair: Petra Dankers, RHDHV)
13:30 - 13:42	Long-term beach-dune evolution of mega-nourishments - a Cellular Automata approach (M. Teixeira)
13:42 - 13:54	A decade of research reveals the tidal flat erosion mitigation abilities of oyster reefs (B. Walles)
13:54 - 14:06	Exploring mangrove restoration strategies to optimize carbon sequestration potential (S.M. Beselly)
14:06 - 14:18	Mangrove Ecosystem Engineering Effects Across an Elevation Gradient with Forest Zones (R. Gijsman)
14:18 - 14:30	The North Manila Bay Flood Protection Strategy with NBS (B.M.L.de Vries)
14:30 - 15:00	Coffee break and poster pitches (continued)
	11. Investigating Biogeomorphological Processes through Numerical Modelling across Different Time Scales in Salt Marshes (S. Dzimballa)
	12. Reducing the impact of recreation: Are pathways the solution to vegetated beaches? (S.J. van Rosmalen)
	13. Restoration of the bio-engineer Sabellaria in the Wadden Sea (M.J. Baptist)
	14. Intertidal vegetation altering currents in the Scheldt estuary (J. Bootsma)
	15. Fish migration river (VMR), Afsluitdijk. Part I: expected morphological effects Lake IJssel (M. Traas)
	16. Coastal Vision – more than coastal protection. About the tools we needed to define this strategic policy plan. (A. Bolle)
	17. The effect of a compound drought and heatwave event on the coastal dune building grass Elytrigia juncea (Paul M.J. Berghuis)
	18. Guano-mediated island genesis in the Dutch Waddensea (F.F. van Rees)
	19. Closure history of the former Bergen Inlet during the transition from mid to late Holocene (Sytze van Heteren)
	20. Pan-European coastal vulnerability: developing a new EMODnet Geology data product for coastal behaviour (Sytze van Heteren)
15:00 - 15:15	Closing ceremony, Best presentation and poster award