BCR26 – Conference program

As of: 12.11.2026

22. November 2026	
17:00 – 19:00	**Ice Breaker Event at LWI incl. Lab tour** Leichtweiß-Institute Beethovenstr. 51a, 38106 Braunschweig
23. November 2026	
08:30 – 09:00	Conference Registration
09:00 – 09:30	Welcome and Opening Session
09:30 – 10:00	**Keynote**
	Protecting Natural Dynamics in the Wadden Sea World Heritage Site - Can Nature-Based Coastal Protection Be Part of the Solution? Anna Appel (National Park Service, Lower Saxony, Germany)
10:00 – 11:00	**Session 1 – Dune Vegetation 1** *Chair: Pieter Rauwoens*
10:00 – 10:20	Linking plant traits and dune morphology Malia Scoville, Jana Carus, Valérie Reijers, Boris Schröder
10:20 – 10:40	Many dunes, one engineer: Intraspecific trait variation in marram grass Carlijn Lammers, Martijn van Zanten, Valérie Reijers
10:40 – 11:00	Ecological comparison of natural and artificial dunes on the island of Langeoog, Germany Julia Lechtenberg, Dries Bonte, Thorsten Balke, Maike Isermann
11:00 – 11:30	Coffee break
11:30 – 12:30	**Session 2 – Coastal Resilience** *Chair: Dries Bonte*
11:30 – 11:50	Interdisciplinary site characterization towards designing innovative solutions to increase coastal resilience Nina Stark, Victor C. Engel
11:50 – 12:10	Transferring systemic coastal resilience: combining monitoring and nature-based solutions in Mozambique Eva Pavo, Sánchez-Arcilla Agustín, Hekele Ans, Xavier Sánchez-Artús, Sara Coll, Hugo Coll, Gorka Solana, Manel Grifoll
12:10 – 12:30	Do we know enough to design nature-based solutions with an accurate civil engineering function? Niels Gjoel Jacobsen
12:30 – 14:00	Lunch
14:00 – 15:20	**Session 3 – Hybrid Solutions** *Chair: Paulo Rosa Santos*
14:00 – 14:20	Experimental assessment of hybrid solutions that integrate intertidal ecosystems and grey structures for coastal protection Mariana Roldán, Maria Maza

14:20 – 14:40	PERFORMANCE OF A RESTORED DUNE SYSTEM POSITIONED IN FRONT OF A DYKE ON A CHRONICALLY ERODING MICROTIDAL URBAN SHORELINE Nicolas Robin, Olivier Raynal, Yann Balouin, Bertil Hebert, Eric Palvadeau, Nico Valentini
14:40 – 15:00	INITIAL DESIGN CONTROLS ON HYBRID DUNE-DIKE EVOLUTION: A CASE STUDY AT OOSTEROEVER BEACH (BELGIUM) Filipe Galiforni Silva, Sebastian Dan, Sierd de Vries, Caroline Hallin, Bas Huisman, Maaike Maarse, Floris van Rees, Ad Reniers
15:00 – 15:20	DYNAMIC GRAVEL STRUCTURES: A SYSTEMATIC REVIEW OF AN INNOVATIVE NATURE-BASED-SOLUTION FOR COASTAL RESILIENCE Amanda Zannella, Irene Simonetti, Lorenzo Cappietti, Nils Goseberg
15:20 – 16:00	COFFEE BREAK
16:00 – 17:20	**SESSION 4 – COASTAL MORPHODYNAMICS** *Chair: Gabriel David*
16:00 – 16:20	HOW EXTREME EVENTS SHAPE LONG-TERM MORPHODYNAMICS IN A TIDAL BASIN Christian Jordan, Melly Lupita, Jannek Grundlach, Torsten Schlurmann
16:20 – 16:40	LONG-TERM MORPHODYNAMIC EVOLUTION OF THE EBB-TIDAL DELTA IN GERMAN WADDEN SEA Idrees Mir, Dennis Oberrecht, Nils René Goseberg, Andreas Wurpts
16:40 – 17:00	A PERSPECTIVE ON ASSESSING MORPHOLOGICAL RESILIENCE IN THE WADDEN SEA Jannek Grundlach, Marthe Wassink, Marvin Lorenz, Robert Lepper, Frank Kösters
17:00 – 17:20	SEQUENCING XBEACH AND DELFT3D FOR STORM & CALM PERIODS SIMULATION OF THE DOURO SAND SPIT Mahmoud Abouhalima, Luciana das Neves, Francisco Taveira Pinto, Paulo Rosa Santos
17:20 – 17:30	CLOSING DAY 1
19:00	**CONFERENCE DINNER** Venue: Tandure, Frankfurter Str. 4, 38122 Braunschweig *Extra ticket price includes three-course buffet (incl. vegetarian & vegan options), non- & alcoholic (4 hours) drinks (beer, spritz, vine)*
24. NOVEMBER 2026	
09:00 – 09:30	**WELCOME & COFFEE**
09:30 – 10:50	**SESSION 5 – DUNE VEGETATION 2** *Chair: Nicolas Robin*
9:30 – 9:50	TOWARDS VEGETATED HYBRID COASTAL INFRASTRUCTURE: BIORECEPTIVE CEMENTITIOUS MATERIALS FOR MARRAM GRASS ESTABLISHMENT Salwa Belhadi, Dries Bonte, Kim Van Tittelboom, and Nele De Belie
9:50 – 10:10	LIDAR-RESOLVED SWASH OVER A PATCHY DUNE CANOPY: RUNUP AND SHORELINE RETREAT ACROSS VEGETATION LAYOUTS Felix Ritter, Constantin Schweiger, Oliver Lojek, Nils Goseberg
10:10 – 10:30	SPATIAL VEGETATION–SEDIMENT FEEDBACKS DRIVE INITIAL COASTAL DUNE DEVELOPMENT Jana Carus, Maren Roos, Malia Scoville, Boris Schröder

10:30 – 10:50	FIELD-BASED PARAMETERISATION OF DRIFTWOOD FOR COASTAL MODELLING: GEOMETRY, BURIAL AND DISTRIBUTION Alice Twomey, Felix Ritter, Simon Murphy, Jan Hitzegrad, Olvier Lojek, Lina Schulz, Lennart Spennemann, Amanda Zannella, Nils Goseberg
10:50 – 11:30	COFFEE BREAK
11:30 – 12:30	**SESSION 6 – COASTAL HYDRODYNAMICS** *Chair: Sven Liebisch*
11:30 – 11:50	WAVE TRANSFORMATION AROUND SALT MARSH GROYNES: HYBRID COASTAL PROTECTION WITH COASTAL WETLANDS Henrike Rodermund, Frank Thorenz, David Schürenkamp, Nils Goseberg
11:50 – 12:10	REMOTE SENSING OF WAVE-BATHYMETRY INTERACTIONS AND THEIR ROLE IN COASTAL EROSION AND ACCRETION Julie Kristoffersen, Thomas Kabel, Denis Istrati, Lars Vabbersgaard
12:10 – 12:30	DESIGNING REEF FLATS TO MITIGATE UNFORESEEABLE FLOODING EVENTS Marie Einwachter, Gabriel David
12:30 – 14:00	LUNCH
14:00 – 15:20	**SESSION 7 – COASTAL DYNAMICS** *Chair: Nina Stark*
14:00 – 14:20	SIX DECADES OF BEACH NOURISHMENT AT THE BALTIC SEA COAST – LESSONS LEARNED AND FUTURE CHALLENGES Marcus Siewert, Knut Sommermeier, Ulrich Floth, Lars Tiepolt
14:20 – 14:40	ASSESSING THE IMPACT OF DUNE COMPACTION ON DUNE EROSION RESISTANCE: A PRELIMINARY STUDY Lina Maria Schulz, Constantin Schweiger, Oliver Lojek, Nils Goseberg
14:40 – 15:00	ONE-GROYNE-FITS-ALL? CROSS-BORDER COMPARISON OF BRUSHWOOD GROYNE PERFORMANCE IN THE WADDEN SEA Christina Bischoff, Sarah Dzimballa, Marte Stoorvogel, Bas W. Borsje, Maike Paul
15:00 – 15:20	DUNESENSE: SENSING DUNE DYNAMICS FOR COASTAL RESILIENCE Vincent Kindermann, Hilario Castro Lara, Ali Dastgheib, Nathalie van Caster, Rob Schepper, Ruben van de Walle, Arash Bakthiari, Luciana das Neves, Aurore Trottet
15:20 – 16:00	COFFEE BREAK
16:00 – 17:00	**SESSION 8 – BIOMORPHODYNAMICS** *Chair: Ioan Nistor*
16:00 – 16:20	INFLUENCE OF VEGETATION-GENERATED TURBULENCE ON SEDIMENT RE-SUSPENSION IN OSCILLATORY BOUNDARY LAYERS Inga Prüter, Aart Kroon, Niels Gjøl Jacobsen
16:20 – 16:40	CALIBRATION-FREE DRAG COEFFICIENT FORMULATION FOR SALT MARSH WAVE ATTENUATION BASED ON THE STANDING BIOMASS Simone Guazzotti, Luis Fernando López-Arias, Maria Maza
16:40 – 17:00	ABUNDANCE SCALED SEDIMENT TRANSPORT IMPEDANCE EFFECTS OF THE INVASIVE DWARF SURF CLAM MULINIA LATERALIS ON FINE SEDIMENTS ON INTERTIDAL FLATS Jan Hitzegrad, Lea Auge, Oliver Lojek, Nils Goseberg
17:00 – 17:15	CLOSING
17:15	END OF CONFERENCE