Wedr	Wednesday 29 March 2023				
Excur	Excursion to Maasvlakte and Springertduinen				
	11:45	Meeting at Stevinweg 1, Civil Engineering, Delft University of Technology.			
	12:00	Bus departs from Stevinweg 1 car park (see Map p.XX)			
	12:45	Excursion Maasvlakte			
	14:15	Bus departs for the second excursion stop			
	14:45	Excursion Springertduinen			
	16:15	Bus return to TUDelft			
	17:00	Arrival at Stevinweg 1, Civil Engineering, Delft University of Technology			
Ice-bi	eaker				
20:0	0 – 22:00	Mooie Boules - Professor Schermerhornstraat 9, 2628 PZ Delft			
Thurs	day 30 Mar	ch 2023			
08:3	0 – 09:15	Registration			
09:1	5 – 09:30	Opening – Bram van Prooijen			
09:3	0 – 10:00	Keynote 1: : Incorporating Data Science and Climate in Coastal Engineering			
		Fernando J. Méndez Incera (University of Cantabria)			
10:0	0 – 11:00	Poster session 1 & Coffee	Page		
1		nt-Based modelling to explore human impact on sandy beaches in the Netherlands chshianlamouki			
2	The social the Nethe <i>Vincent Bo</i>				
3	The role o	f vegetated intertidal areas for salt intrusion mitigation sma			
4	A close loc	ok at the beach and dune sand for the Vlieland beach nourishment mou			
5	Footprint: first results of a three-vessel offshore windfarm sampling campaign Johan Damveld				
6	The effect of sediment grain size on dune erosion: a field experiment Cato de Hullu				
7	Geen Zee Te Hoog: Anticipating for accelerating sea level rise in the spatial design of land-water transitions via a participative design process Jaco de Smit				
8	Connectivity of sand mining regions in San Francisco Bay estimated using SedTRAILS Tim de Wilde				
	Stochastic results from deterministic wave-resolving models Floris de Wit		1		

10	Biogeomorphological Evolution of Salt Marshes under Natural Conditions and the Influence of Artificial Structures on Marsh Resilience Sarah Dzimballa	
11	The origin of patterns on tidal flats and their role in marsh expansion Greg Fivash	
12	Lower shoreface sand transport: offshore or onshore? Philippe Frankemolle	
13	Coupled evolution of hydrodynamics and morphology in the western Dutch Wadden Sea Bart Grasmeijer	
14	The influence of bivalve shells on sediment transport: an experimental flume study Steven Haarbosch	
15	Longer-term morphological evolution of the Belgian coast in relation with the nearshore shelf Rik Houthuys	
16	The impact of sea level rise and a changing discharge on salt intrusion in the Rhine Meuse Estuary Ymkje Huismans	
17	How SANDsitive are seafloor animals in the Wadden Sea? Quantifying sandification sensitivity of Wadden Sea benthic communities Tjitske Kooistra	
18	How vegetated foreshores can contribute to limiting dike dimensions of sea dikes: a case study into the assessment and design procedure of including the quantitative effect of the foreshore in the flood defence system Marit Lambers	
19	Predicting morphodynamic long-term changes along the southern Rhode Island, USA, shoreline in the next decades Alexa Leone	
20	Unravelling the drivers of salt marsh cliff initiation Victoria Mason	
21	Key research required for the safety assessment of the Dutch sandy coast *Robert McCall**	
22	Large scale coastline modelling in Belgium for design and quick assessment of coastline adaptation Marco Moretto	
23	Quantifying erosion of saltmarshes under storm conditions in a Living Dike Jos Muller	
24	Effect of sea level rise and artificial deepening on peak water levels in deep tidal channels Iris Niesten	
25	Millimeter-scale beach topography measured with structure-from motion photogrammetry Daan Poppema	
26	Quantifying the effects of bedforms on basin-scale hydrodynamics Laura Portos Amill	
27	Duration of saltwater intrusion shapes freshwater trees' response to salt stress Eleonora Saccon	
28	Estuarine salt-intrusion affected by changing channel depth and intertidal width Rutger Siemes	

29	of the bea	lizing aeolian sediment transport modes in a bio-geomorphological cellular automata model ch-dune system ixera Manion	
30	Probabilistic design of green sea dike revetments: required thickness for revetment of local clay Vera van Bergeijk		
31	Seabed see	diment: from hand-drawn map to Al-generated model Heteren	
32	Multi-annı Niels Van I	ual research program Management and Maintenance of the Dutch Coast Kuik	
33	Unravelling	g sediment deposition in pioneer salt marshes through flume experiments in Veelen	
34		od that despises the little is not worthy of the great: Dealing with the patchiness of lal effects on large scale flow Yolp	
35		rvations of turbulent flow patterns and salinity variations in a stratified scour hole rahimi Erami	
36	Internation Quirijn Loc	nal Guidelines on Natural and Nature-Based Features for Flood Risk Management Elder	
11:0	0 – 12:30	Session 1: Coastal risk & management	Page
11:0	00 – 11:12	Integrated coastal management strategy for the Saint-Louis region, Senegal Anouk de Bakker	
11::	12 – 11:24	How to explore the solution space of sandy strategies under accelerated sea-level rise Renske de Winter	
11:2	24 – 11:36	A numerical flume for the pressures on clay erosion profiles for the Wide Green Dike Marisol Irias Mata	
11:3	36 – 11:48	Simulating impacts of nourishment scenarios on decadal cross-shore dynamics Tosca Kettler	
11:4	48 – 12:00	International Guidelines on Natural and Nature-Based Features for Flood Risk Management Quirijn Lodder	
12:0	2:00 – 12:12 Visualising past landscapes to combat shifting baselines Abigail Schiller		
12::	12 – 12:24	Coastal engineering benefits of sand nourishments at the shores of Walcheren (Southwest delta, the Netherlands) Wietse van de Lageweg	
12:3	0 – 13:15	Lunch	
13:1	5 – 14:45	Session 2: Estuaries	Page
13:1	6 – 13:28	Salt intrusion in the Rhine-Meuse Delta under different river discharge scenarios	
		Bouke Biemond	
13:2	8 – 13:40	Improving morphodynamic modelling using sand-mud interaction and morphologic metrics	
		Ana Colina Alonso	
I			

13:40 – 13:52	Unravelling the morphodynamic and ecological functioning of tidal flats	
	Tim Grandjean	
13:52 – 14:04	Dutch Wadden Sea as an Event-driven System: A Numerical Perspective	
	Aditi Mitra	
14:04 – 14:16	New concept of inlet connectivity helps understand role of tidal divides in double inlet systems	
	Pieter Roos	
14:16 – 14:28	Coastal engineering benefits of sand nourishments at the shores of Walcheren (Southwest delta, the Netherlands)	
	Wietse van de Lageweg	
14:28 – 14:40	What are the causes for the unexpected high dredging volumes in the navigation channel Boontjes in the Wadden Sea?	
	Julia Vroom	
14:40 – 15:15	Coffee break	
15:15 – 16:45	Session 3: Subtidal & Offshore	Page
15:16 – 15:28	Tidal plume fronts and recirculation in the near field Rhine River Plume during typical and extremely low river discharge conditions	
	Julie Pietrzak	
15:28 – 15:40	Spatio-temporal Variability of the Lagrangian Transport in the Dutch Wadden Sea	
	Jeancarlo Fajardo Urbina	
15:40 – 15:52	Influence of SFCR on Longshore Sediment Transport at the Belgian coast	
	Sem Geerts	
15:52 – 16:04	Nearshore bathymetry estimation at Puerto Rico from Sentinel-2 and hyperspectral PRISMA imagery using machine learning	
	David Hartmann	
16:04 – 16:16	What happened to the sandpit	
	Simeon Moons	
16:16 – 16:28	Efficient Modelling of Sand Wave Field Dynamics for Offshore Engineering Activities	
	Pauline Overes	
16:30 – 18:00	Young NCK: Walk and surprise	
18:00	Drinks and Diner at Knus	
Friday 31 March	2023	

08:30	- 09:00	Registration	
09:00	- 09:10	Opening – Bram van Prooijen	
09:10	- 09:40	Keynote 2: : Fish Migration River - What happens when a fish ecologist and a civil engineer talking about a hole in the Afsluitdijk?	start
00:4	0 10:15	Wouter van der Heij (Waddenacademie)	D
	0 – 10:45	Poster session 2 & Coffee	Page
1	_	tance of 2D effects on dune erosion during the 2022 winter storms at Maasvlakte II	
	Ype Attem	a	
2	_	ng Hydrogeological Feedback Mechanisms During Artificial Dune Development	
	Jadon Beei	rlandt	
3		connected sand ridges strongly affect decadal coastline evolution in a coupled shelf-system forced by waves and tides	
	Jan Boersn	na	
4	Long-Term	Morphological Modelling of Tidal Inlet Systems: Implementing Salt Marshes in ASMITA	
	Marloes Bo	onenkamp	
5	Initial deve	nitial development of a poorly sorted back-barrier beach nourishment	
	Jorn Bosmo		
6	Sand Wing: Feasibility study towards sustainable sandbank maintenance		
	Marcio Boechat Albernaz		
7	Context and framework of the recent and future coastal management toolbox		
	Laura Brakenhoff		
8	Hydraulic load model for the Dutch coast		
	Jochem Caspers		
9	The Power and Limit of Building with Nature for the Venice Community		
	Giovanni Cecconi		
10		OAST: A numerical modelling of 10-year for long-term morphology in the surfzone of the ast using the telemac-mascaret system	
	Bart de Mo	aerschalck	
11	Biophysica	l Controls on Pollution Flows in Coral Reef MPAs	
	Ibnu Faizai	I	
12	The respor	nse of dominant vegetation species in saltmarsh to changes of inundation frequency	

	Jing Feng
13	Understanding coastal response to sea level rise in Northern Italy: a two-sided approach Wouter Gerats
14	The impact of tidal creeks on the morphology of a tidal flat Jill Hanssen
15	Exploring multimodal wave conditions relevant to coastal processes on the Dutch shoreface Chris Hoogervorst
16	Development of tidal flats under sea level rise Joanne Jenine Naidoo
17	Influence of channel bathymetry on subtidal salt transport processes and salt intrusion in single channel systems
18	Henk Jongbloed Tracing Sand Nourishment Dispersal by Modelling Light Exposure History Stuart Pearson
19	Understanding the Western Wadden Sea in terms of inlet connectivity: an exploratory modelling approach
20	Wout Ploeg Cross-shore Distribution of Alongshore Sediment Transport in a Macro-tidal Environment Bart Roest
21	Modelling salt marsh dynamics for coastal safety by Living Dikes, a research approach Elien Sipma
22	Detecting turbid coastal features with satellite Earth Observation Juliana Tavora Bertazo Pereira
23	Patterned coastal peatland ecosystems facing sea-level rise Archontoula Valsamidou
24	Dissemination of structurally monitored and up-to-date abiotic data in the Wadden Sea through a Digital System Reporting tool
25	Falco van Bakel Connecting dikes and vegetated foreshores at managed realignments Kim van den Hoven
	Tan deli rioven

26	A framework to unify academic and applied approaches in coastal research and engineering	
	Christa van Ijzendoorn	
27	Quantifying complex relations between spit growth and its hydrodynamic drivers, in non-tidal, wind-dominated lake environments. Application to the Marker Wadden	
	Niels van Kouwen	
28	Guano-mediated island genesis in the Dutch Waddensea	
	Floris van Rees	
29	Recreation impact on the establishment of dune building species	
	Sasja van Rosmalen	
30	Coastal Vision: Assessing a long term coastal protection strategy for the Belgian Coast	
	Bart Verheyen	
31	MOZES: Research on the Morphological Interaction between the Sea Bottom and the Belgian Coastline	
	Toon Verwaest	
32	Preliminary analysis of salt intrusion observations during the extreme drought of 2022	
	Tess Wegman	
33	Pathway analysis to support long-term coastal management	
	Carolien Wegman	
34	A numerical study of aeolian sediment transport affected by moisture, using discrete element modelling	
	Xiuqi Wang	
35	Visual modelling of the development of a managed-realignment project	
	Johan van de Koppel	
		_
1().4	5 – 12·15 Session 4: Fcology	Page

10:45 – 12:15	Session 4: Ecology	Page
10:46 – 10:58	Response of dune-building grasses to summer precipitation	
	Jan-Markus Homberger	
10:58 – 11:10	The effect of vegetation, sediment properties and inundation duration on the build-up of soil stability in salt marshes	
	Marte Stoorvogel	
11:10 – 11:22	Optimal wave reflection as a mechanism for seagrass self-organization	
	Roeland van de Vijsel	

	11:22 – 11:36	Biocompacting livestock accelerate drowning of tidal salt marshes with sea level rise	
11:48 – 12:00 Benthic macrofauna under extreme weather events: unraveling the response strategies from individual behavior to community structure in tidal flats Zhengquan Zhou 12:00 – 12:12 Potential ecosystem effects of large upscaling of offshore wind in the North Sea Luka Jaksic 12:15 – 13:00 Lunch 3:00 – 14:30 Session 5: Beaches and Dunes 1 Page 13:00 – 13:12 High-resolution grain size analysis using photos Casper Bakker 13:12 – 13:24 The effect of brushwood fences and marram grass on initial dune development Jennifer Derijckere 13:24 – 13:36 Parameter uncertainty in ShorelineS predictions of the Hondsbossche Dunes Anna Kroon 13:36 – 13:48 Particle motion in the nearshore zone of sandy beaches- quantifying the role of horizontal and vertical processes Emilia Zygarlowska Observations of directional characteristics of infragravity waves in the North Sea Jantien Rutten 14:00 – 14:12 Sandy beaches in low-energy, non-tidal environments: Beaches of the Markermeer and Usselmeer Anne Ton 14:12 – 14:24 Flume modelling to investigate the erosion of sand-mud mixtures under currents and waves in the laboratory and in Delft3D Roy van Weerdenburg 14:30 – 15:00 Coffee break		Marinka van Puijenbroek	
11:48 – 12:00 Benthic macrofauna under extreme weather events: unraveling the response strategies from individual behavior to community structure in tidal flats Zhengquan Zhou Potential ecosystem effects of large upscaling of offshore wind in the North Sea Luka Jaksic 12:15 – 13:00 Lunch Session 5: Beaches and Dunes 1 High-resolution grain size analysis using photos Casper Bakker 13:12 – 13:24 The effect of brushwood fences and marram grass on initial dune development Jennifer Derijckere 13:24 – 13:36 Parameter uncertainty in ShorelineS predictions of the Hondsbossche Dunes Anna Kroon 13:36 – 13:48 Particle motion in the nearshore zone of sandy beaches- quantifying the role of horizontal and vertical processes Emilia Zygarlowska Observations of directional characteristics of infragravity waves in the North Sea Jantien Rutten 14:00 – 14:12 Sandy beaches in low-energy, non-tidal environments: Beaches of the Markermeer and Usselmeer Anne Ton Flume modelling to investigate the erosion of sand-mud mixtures under currents and waves in the laboratory and in Delft3D Roy van Weerdenburg Coffee break	11:36 – 11:48	Preserving estuarine foraging habitats for shorebirds through sand nourishments	
from individual behavior to community structure in tidal flats Zhengquan Zhou Potential ecosystem effects of large upscaling of offshore wind in the North Sea Luka Jaksic 12:15 – 13:00 Lunch 3:00 – 14:30 Session 5: Beaches and Dunes 1 Page High-resolution grain size analysis using photos Casper Bakker 13:12 – 13:24 The effect of brushwood fences and marram grass on initial dune development Jennifer Derijckere 13:24 – 13:36 Parameter uncertainty in ShorelineS predictions of the Hondsbossche Dunes Anna Kroon 13:36 – 13:48 Particle motion in the nearshore zone of sandy beaches- quantifying the role of horizontal and vertical processes Emilia Zygarlowska 13:48 – 14:00 Observations of directional characteristics of infragravity waves in the North Sea Jantien Rutten 14:00 – 14:12 Sandy beaches in low-energy, non-tidal environments: Beaches of the Markermeer and IJsselmeer Anne Ton 14:12 – 14:24 Flume modelling to investigate the erosion of sand-mud mixtures under currents and waves in the laboratory and in Delft3D Roy van Weerdenburg 14:30 – 15:00 Coffee break		Brenda Walles	
12:00 – 12:12 Potential ecosystem effects of large upscaling of offshore wind in the North Sea Luka Jaksic 12:15 – 13:00 Lunch 13:00 – 14:30 Session 5: Beaches and Dunes 1 Page 13:00 – 13:12 High-resolution grain size analysis using photos Casper Bakker 13:12 – 13:24 The effect of brushwood fences and marram grass on initial dune development Jennifer Derijckere 13:24 – 13:36 Parameter uncertainty in ShorelineS predictions of the Hondsbossche Dunes Anna Kroon 13:36 – 13:48 Particle motion in the nearshore zone of sandy beaches- quantifying the role of horizontal and vertical processes Emilia Zygarlowska 13:48 – 14:00 Observations of directional characteristics of infragravity waves in the North Sea Jantien Rutten 14:00 – 14:12 Sandy beaches in low-energy, non-tidal environments: Beaches of the Markermeer and Usselmeer Anne Ton 14:12 – 14:24 Flume modelling to investigate the erosion of sand-mud mixtures under currents and waves in the laboratory and in Delft3D Roy van Weerdenburg 14:30 – 15:00 Coffee break	11:48 – 12:00		
Luka Jaksic		Zhengquan Zhou	
12:15 – 13:00 Lunch 13:00 – 14:30 Session 5: Beaches and Dunes 1 Page 13:00 – 13:12 High-resolution grain size analysis using photos Casper Bakker 13:12 – 13:24 The effect of brushwood fences and marram grass on initial dune development Jennifer Derijckere 13:24 – 13:36 Parameter uncertainty in ShorelineS predictions of the Hondsbossche Dunes Anna Kroon 13:36 – 13:48 Particle motion in the nearshore zone of sandy beaches- quantifying the role of horizontal and vertical processes Emilia Zygarlowska 13:48 – 14:00 Observations of directional characteristics of infragravity waves in the North Sea Jantien Rutten 14:00 – 14:12 Sandy beaches in low-energy, non-tidal environments: Beaches of the Markermeer and Ilsselmeer Anne Ton 14:12 – 14:24 Flume modelling to investigate the erosion of sand-mud mixtures under currents and waves in the laboratory and in Delft3D Roy van Weerdenburg 14:30 – 15:00 Coffee break	12:00 – 12:12	Potential ecosystem effects of large upscaling of offshore wind in the North Sea	
13:00 – 14:30 Session 5: Beaches and Dunes 1 High-resolution grain size analysis using photos Casper Bakker 13:12 – 13:24 The effect of brushwood fences and marram grass on initial dune development Jennifer Derijckere Parameter uncertainty in ShorelineS predictions of the Hondsbossche Dunes Anna Kroon 13:36 – 13:48 Particle motion in the nearshore zone of sandy beaches- quantifying the role of horizontal and vertical processes Emilia Zygarlowska Observations of directional characteristics of infragravity waves in the North Sea Jantien Rutten 14:00 – 14:12 Sandy beaches in low-energy, non-tidal environments: Beaches of the Markermeer and IJsselmeer Anne Ton Flume modelling to investigate the erosion of sand-mud mixtures under currents and waves in the laboratory and in Delft3D Roy van Weerdenburg 14:30 – 15:00 Coffee break		Luka Jaksic	
13:00 – 13:12 High-resolution grain size analysis using photos Casper Bakker 13:12 – 13:24 The effect of brushwood fences and marram grass on initial dune development Jennifer Derijckere 13:24 – 13:36 Parameter uncertainty in ShorelineS predictions of the Hondsbossche Dunes Anna Kroon 13:36 – 13:48 Particle motion in the nearshore zone of sandy beaches- quantifying the role of horizontal and vertical processes Emilia Zygarlowska 13:48 – 14:00 Observations of directional characteristics of infragravity waves in the North Sea Jantien Rutten 14:00 – 14:12 Sandy beaches in low-energy, non-tidal environments: Beaches of the Markermeer and Usselmeer Anne Ton 14:12 – 14:24 Flume modelling to investigate the erosion of sand-mud mixtures under currents and waves in the laboratory and in Delft3D Roy van Weerdenburg 14:30 – 15:00 Coffee break	12:15 – 13:00	Lunch	
The effect of brushwood fences and marram grass on initial dune development Jennifer Derijckere 13:24 – 13:36 Parameter uncertainty in ShorelineS predictions of the Hondsbossche Dunes Anna Kroon 13:36 – 13:48 Particle motion in the nearshore zone of sandy beaches- quantifying the role of horizontal and vertical processes Emilia Zygarlowska 13:48 – 14:00 Observations of directional characteristics of infragravity waves in the North Sea Jantien Rutten 14:00 – 14:12 Sandy beaches in low-energy, non-tidal environments: Beaches of the Markermeer and lisselmeer Anne Ton 14:12 – 14:24 Flume modelling to investigate the erosion of sand-mud mixtures under currents and waves in the laboratory and in Delft3D Roy van Weerdenburg 14:30 – 15:00 Coffee break	13:00 – 14:30	Session 5: Beaches and Dunes 1	Page
The effect of brushwood fences and marram grass on initial dune development Jennifer Derijckere 13:24 – 13:36 Parameter uncertainty in ShorelineS predictions of the Hondsbossche Dunes Anna Kroon 13:36 – 13:48 Particle motion in the nearshore zone of sandy beaches- quantifying the role of horizontal and vertical processes Emilia Zygarlowska 13:48 – 14:00 Observations of directional characteristics of infragravity waves in the North Sea Jantien Rutten 14:00 – 14:12 Sandy beaches in low-energy, non-tidal environments: Beaches of the Markermeer and IJsselmeer Anne Ton Flume modelling to investigate the erosion of sand-mud mixtures under currents and waves in the laboratory and in Delft3D Roy van Weerdenburg 14:30 – 15:00 Coffee break	13:00 – 13:12	High-resolution grain size analysis using photos	
Jennifer Derijckere Parameter uncertainty in ShorelineS predictions of the Hondsbossche Dunes Anna Kroon Particle motion in the nearshore zone of sandy beaches- quantifying the role of horizontal and vertical processes Emilia Zygarlowska Observations of directional characteristics of infragravity waves in the North Sea Jantien Rutten Sandy beaches in low-energy, non-tidal environments: Beaches of the Markermeer and Usselmeer Anne Ton Flume modelling to investigate the erosion of sand-mud mixtures under currents and waves in the laboratory and in Delft3D Roy van Weerdenburg 14:30 – 15:00 Coffee break		Casper Bakker	
13:24 – 13:36 Parameter uncertainty in ShorelineS predictions of the Hondsbossche Dunes Anna Kroon 13:36 – 13:48 Particle motion in the nearshore zone of sandy beaches- quantifying the role of horizontal and vertical processes Emilia Zygarlowska 13:48 – 14:00 Observations of directional characteristics of infragravity waves in the North Sea Jantien Rutten 14:00 – 14:12 Sandy beaches in low-energy, non-tidal environments: Beaches of the Markermeer and Usselmeer Anne Ton 14:12 – 14:24 Flume modelling to investigate the erosion of sand-mud mixtures under currents and waves in the laboratory and in Delft3D Roy van Weerdenburg 14:30 – 15:00 Coffee break	13:12 – 13:24	The effect of brushwood fences and marram grass on initial dune development	
Anna Kroon Particle motion in the nearshore zone of sandy beaches- quantifying the role of horizontal and vertical processes Emilia Zygarlowska Observations of directional characteristics of infragravity waves in the North Sea Jantien Rutten Sandy beaches in low-energy, non-tidal environments: Beaches of the Markermeer and IJsselmeer Anne Ton 14:12 – 14:24 Flume modelling to investigate the erosion of sand-mud mixtures under currents and waves in the laboratory and in Delft3D Roy van Weerdenburg 14:30 – 15:00 Coffee break		Jennifer Derijckere	
Particle motion in the nearshore zone of sandy beaches- quantifying the role of horizontal and vertical processes Emilia Zygarlowska 13:48 – 14:00 Observations of directional characteristics of infragravity waves in the North Sea Jantien Rutten 14:00 – 14:12 Sandy beaches in low-energy, non-tidal environments: Beaches of the Markermeer and IJsselmeer Anne Ton 14:12 – 14:24 Flume modelling to investigate the erosion of sand-mud mixtures under currents and waves in the laboratory and in Delft3D Roy van Weerdenburg 14:30 – 15:00 Coffee break	13:24 – 13:36	Parameter uncertainty in ShorelineS predictions of the Hondsbossche Dunes	
and vertical processes Emilia Zygarlowska Observations of directional characteristics of infragravity waves in the North Sea Jantien Rutten 14:00 – 14:12 Sandy beaches in low-energy, non-tidal environments: Beaches of the Markermeer and IJsselmeer Anne Ton 14:12 – 14:24 Flume modelling to investigate the erosion of sand-mud mixtures under currents and waves in the laboratory and in Delft3D Roy van Weerdenburg 14:30 – 15:00 Coffee break		Anna Kroon	
13:48 – 14:00 Observations of directional characteristics of infragravity waves in the North Sea Jantien Rutten 14:00 – 14:12 Sandy beaches in low-energy, non-tidal environments: Beaches of the Markermeer and IJsselmeer Anne Ton 14:12 – 14:24 Flume modelling to investigate the erosion of sand-mud mixtures under currents and waves in the laboratory and in Delft3D Roy van Weerdenburg 14:30 – 15:00 Coffee break	13:36 – 13:48		
Jantien Rutten 14:00 – 14:12 Sandy beaches in low-energy, non-tidal environments: Beaches of the Markermeer and IJsselmeer Anne Ton 14:12 – 14:24 Flume modelling to investigate the erosion of sand-mud mixtures under currents and waves in the laboratory and in Delft3D Roy van Weerdenburg 14:30 – 15:00 Coffee break		Emilia Zygarlowska	
14:00 – 14:12 Sandy beaches in low-energy, non-tidal environments: Beaches of the Markermeer and IJsselmeer Anne Ton 14:12 – 14:24 Flume modelling to investigate the erosion of sand-mud mixtures under currents and waves in the laboratory and in Delft3D Roy van Weerdenburg 14:30 – 15:00 Coffee break	13:48 – 14:00	Observations of directional characteristics of infragravity waves in the North Sea	
IJsselmeer Anne Ton 14:12 – 14:24 Flume modelling to investigate the erosion of sand-mud mixtures under currents and waves in the laboratory and in Delft3D Roy van Weerdenburg 14:30 – 15:00 Coffee break		Jantien Rutten	
14:12 – 14:24 Flume modelling to investigate the erosion of sand-mud mixtures under currents and waves in the laboratory and in Delft3D **Roy van Weerdenburg** 14:30 – 15:00 Coffee break	14:00 – 14:12		
in the laboratory and in Delft3D Roy van Weerdenburg 14:30 – 15:00 Coffee break		Anne Ton	
14:30 – 15:00	14:12 – 14:24		
		Roy van Weerdenburg	
15:00 – 16:00 Session 6: Beaches and Dunes 2 Page	14:30 – 15:00	Coffee break	
	15:00 – 16:00	Session 6: Beaches and Dunes 2	Page

15:00 – 15:12	The development of a three-dimensional idealised model for estuarine hydrodynamics: iFlow3D	
	Marco Rozendaal	
15:12 – 15:24	Shoreline evolution on decadal time scales: role of tides	
	Abdel Nnafie	
15:24 – 15:36	Longshore transport by tides and waves	
	Dano Roelvink	
15:45 – 16:00	Big projects and prizes	
16:00	Closure	