



Plymouth Coastal Observatory

Annual Partners Meeting 2020

Speakers

Speaker	Bio	Presentation
<p>Kilian Vos – <i>University of New South Wales</i></p> 	<p><i>I have been a PhD candidate at UNSW Sydney since 2018 and my current research aims utilise publicly available satellite imagery to investigate the links between climate drivers and shoreline changes in the Pacific basin over the last 30+ years. I enjoy developing open-source remote sensing tools and creating web applications to visualise remotely sensed data (e.g., http://coastsat.wrl.unsw.edu.au/).</i></p>	<p>CoastSat: shoreline mapping from publicly available satellite imagery</p>
<p>Dr. Jak McCarroll – <i>University of Plymouth Research Fellow Coastal Process Research Group</i></p>	<p><i>University of Plymouth Research Fellow Coastal Process Research Group</i></p>	<p>ShoreTrans: A rules-based shoreface translation tool for estimating coastal change</p>
<p>Erin King <i>University of Plymouth PhD researcher Coastal Process Research Group</i></p> 	<p><i>Erin King is a doctoral candidate conducting research with the Coastal Processes Research Group at the University of Plymouth. Erin specialises in numerical modelling of oceanographic processes and sediment transport at coastal and regional scales.</i></p>	<p>What controls headland sand bypassing?</p>
<p>Professor Harshinie Karunaratna, William Bennet and Thomas Van Veelen – <i>Energy and Environment Research Group Zienkiewicz Centre for Computational Engineering Swansea University</i></p>	<p><i>Prof. Harshinie Karunaratna is a personal chair in the Zienkiewicz Centre for Computational Engineering of the College of Engineering of Swansea University, UK. She completed an BSc (Eng) in Civil Engineering at the University of Moratuwa, Sri Lanka, an MSc in River Estuarine and Coastal Engineering at Imperial College, London and a PhD in Coastal Engineering at Saitama University, Japan. Her primary discipline of research and teaching is coastal and estuarine engineering.</i></p>	<p>Computational Modelling of the Impact of Salt Marsh Management Interventions on Coastal Flooding</p>

<p>Anne-Marie Culhane – <i>Tidelines</i></p>	<p><i>I initiate, catalyse, design and deliver creative and environmental arts projects, events and gatherings. This includes residencies, commissions, activism, education and projects across disciplines. I am committed to sustainability, collaboration, co-operation and action.</i></p>	<p>Creativity, Community Participation, Research and Action in response to the changing marine and estuary environment in Exmouth and the Exe estuary.</p>
<p>Appin Williamson and Justin Ridgewell – <i>Environment Agency Cornwall</i></p>	<p><i>Justin - Flood & Coastal Risk Management Advisor at Environment Agency with 15+ years experience specialising in the assessment and management of coastal and marine environments.</i> <i>Appin - Flood and Coastal Erosion Risk Management Officer with the Environment Agency. I am an experienced Marine Scientist, with previous roles including Marine Geoscientist at BMT Oceanica and Visiting Scientist and Research Technician at CSIRO.</i></p>	<p>Penzance Interreg project</p>
<p>Emily Last – <i>Coastal Engineer, East Solent Coastal Partnership, Havant Borough Council</i></p>	<p><i>Coastal Engineer, East Solent Coastal Partnership, Havant Borough Council. After gaining a BSc (Hons) in Oceanography from the University of Southampton, I went on to study MSc Coastal Engineering where I graduated in 2014. I finished my degree in Oceanography with Physical Geography and went straight onto my masters in Engineering in the Coastal Environment.</i></p>	<p>Bimodal seas study</p>

Coastal Walk-a-bouts

Aimed at Students but open to all

<p>Rob Clarke – <i>Dorset Council</i></p>	<p>West Bay (Dorset)</p>
<p>Appin Williamson – <i>Environment Agency</i></p>	<p>Penzance (Cornwall)</p>
<p>Chris Willson – <i>Torrige Council</i></p>	<p>Westward Ho! (Devon)</p>