



THE CHANGING COAST

SHARING KNOWLEDGE & PRACTICE



Coastal Forum Workshop, [Friday 2 November 2018](#)

A one-day workshop at the MASTS-ASM, Technology and Innovation Centre, Glasgow, kindly supported by the Scottish Consortium for Rural Research.

9.00 – 9.30	<i>Registration & Refreshments</i>	
9.30 – 9.45	Welcome – Prof. Jim Hansom	
SESSION 1: CHANGES & PROCESSES (Chair: Prof. Willie Donachie)		
9.45 – 10.00	Prof. Stewart Angus , Scottish Natural Heritage	<i>Saltmarsh processes and climate change: a new approach</i>
10.00 – 10.15	Dr Dmitry Aleynik , Scottish Association for Marine Science	<i>West Scottish Coastal Modelling System: tidal and non-tidal currents variance in the Scottish Seas</i>
10.15 – 10.30	Dr Leslie Mabon , Robert Gordon University	<i>Vietnam's vulnerable coastal communities & climate change</i>
10.30 – 10.45	Prof. Robin Pakeman , James Hutton Institute	<i>A third of a century of change for Scotland's coastal vegetation</i>
10.45 – 11.15	<i>Coffee</i>	
SESSION 2: MANAGEMENT & ADAPTATION (Chair: Dr Alistair Rennie)		
11.15 – 11.30	Dan Normandale , Environment Agency	<i>The Humber flood and coast strategy: An EA perspective</i>
11.30 – 11.45	Dr Andrew Rella , EConcrete: Concrete Ecological Solutions, NY.	<i>Bio-Enhancement of Concrete Based Coastal and Marine Infrastructure</i>
11.45 - 12.00	Martin Laroche , Université du Québec à Rimouski (UQAR)	<i>How do we act with the Plans for Adaptation and Resilience? Coastal and Riverside Area research project in Quebec and Ontario</i>
12.00 – 12.15	Mairi MacArthur , University of Glasgow	<i>Hartlepool Headland: Ecological Enhancement findings from Live Coastal Defence Schemes</i>
12.15 – 13.30	<i>Lunch</i>	
SESSION 3: THE WAY FORWARD (Chair: Prof. Stewart Angus)		
13.30 – 13.45	Prof. Jim Hansom , University of Glasgow	<i>Dynamic Coast 1 & 2</i>
13.45 – 14.00	Prof. David McCracken , Scottish Rural College (SRUC)	<i>Livestock farming challenges in coastal Scotland</i>
14.00 – 14.15	Ben Taylor , University of St Andrews	<i>Assessing the carbon benefit of saltmarsh restoration: Sediment dynamics in a Scottish estuary</i>
14.15 – 14.30	Dr David Green , University of Aberdeen	<i>Low-Cost Monitoring, Mapping and Modelling of the Coast Environment using UAVs</i>
14.30 – 15.30	Discussion: Does Scotland need a Coastal Observatory and how do we set up one? Currently, there are no coastal sites in the Environmental Change Network (http://www.ecn.ac.uk/) but arguably, the coast will change more than any other part of Scotland. The long-term monitoring data sets available through the ECN provide information on environmental change for researchers and government agencies. A Coastal Observatory, via the Coastal Forum, would build on the success of the ECN and help to optimise links between institutes. Understanding how coastal ecosystems work in terms of abiotic and biotic processes ultimately will help us to work with natural processes and adapt to a changing coast.	