

Webinar Series



Constructing a Digital Environment

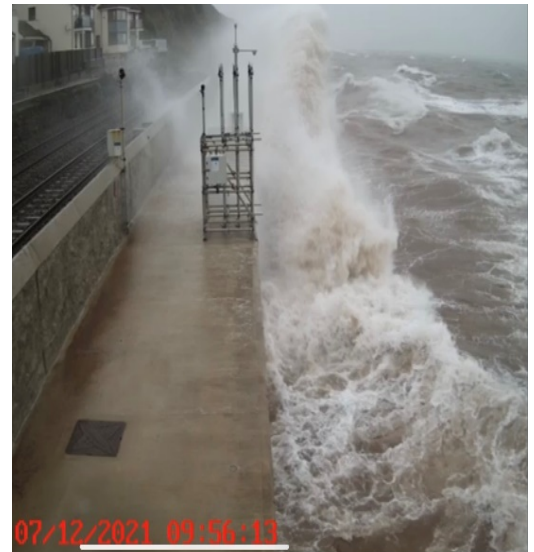
Topic: CreamT – Coastal Resistance Alerts and Monitoring Technologies

Speakers: Jennifer Brown and team

Time: Friday 11th November 11:00GMT

Registration and further details: [Webinar Registration - Zoom](#)

With ongoing climate change and extreme events, coastal population is extremely vulnerable to floods, coastal erosion risks and sea level rise. Better ways to measure, forecast, warn of and respond faster to such flooding events are very important. Within CreamT, by using cameras, a wirewall, wirewands and LW B-Scan, near real time coastal overtopping hazard alerts were issued by in situ monitoring systems. The measured, visual and audio data has been used in an interactive coastal walk, and made accessible through an Augmented Reality (AR) phone application.



The **NERC Constructing a Digital Environment (CDE) programme** is running a series of online Webinars, aiming to develop the digitally enabled environment, benefitting scientists, policymakers, businesses, communities and individuals. The webinar series seeks to showcase the latest expertise in digital technology and methodologies applied to the environment, illustrating ‘the arc’ from data gathering, its management and curation, analysis and presentation to decision makers, covering topics such as distributed networks of sensors, new sensor technology, novel forms of data informatics (e.g. data lakes, data cubes), data analytics, uncertainty, data labs, apps, skins and tools to support decision makers across the society.



<https://digitalenvironment.org/cde-webinar-series>