Theme: Sensing the Environment

Title: "Environmental Sensor Networks: when will the revolution happen?"

Speaker: Professor Jane Hart

Time: Friday 2nd July 11:00 GMT

Registration and further details:
https://ukri.zoom.us/webinar/register/WN_9odfE46BQI63U0wTm24Gzg

Jane Hart is a Professor of Physical Geography in the School of Geography and Environmental Science, University of Southampton. Her research is concerned with using Environmental Sensor Networks and Internet of Things (IoT) technologies to understand real world environmental processes. On particular she developed the Glacsweb system to monitor subglacial processes and the Mountainsensing project, the first IoT monitoring of a remote environment (Cairngorms Plateau). She is the Vice-president of the EGU Earth and Space informatics (ESSI) division, Chair of the AGU Leptoukh ESSI award committee as well as being on the Constructing a Digital Environment Expert Network and Vice-President of the Quaternary Research Association. Her seminar will discuss her experiences of using sensing systems in glacial and mountain environments as well as discussing the challenges and predictions for the future.

The third segment of the **NERC Constructing a Digital Environment (CDE) webinar series** focuses on 'Sensing the Environment'. Reflecting the wide availability of ubiquitous, low-cost sensors and microprocessor controllers, there are now more opportunities than ever to plan and undertake environmental sensing research projects. But what should you measure, and how often should you take readings? How can you 'densify' observations in response to incidents? How can information reach decision makers in the most appropriate time and format? These are the kind of issues we will seek to address in this, our third segment of the webinar series, hearing from leading experts in environmental sensing.

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