

Webinar Series



Constructing a Digital Environment

Theme: Sensing the Environment

Title: “Remote sensing systems for polar applications”

Speaker: Dr Shridhar Jawak

Time: Friday 22nd October 11:00 GMT

Registration and further details:

https://ukri.zoom.us/webinar/register/WN_9odfE46BQI63U0wTm24Gzg

Dr. Shridhar Jawak is a Remote Sensing Officer (Sr. Adviser) at the Svalbard Integrated Arctic Earth Observing System (SIOS), Longyearbyen, Norway. SIOS is an international partnership of member institutes to build a long-term sustained monitoring system for Svalbard to address broad Earth system science (ESS) questions. Shridhar’s responsibilities include to inform and advise on the emerging opportunities that broad range of Remote Sensing (RS) and Earth Observation (EO) technology offer to ESS researchers, optimize the usage of satellite and airborne RS (aircraft and UAVs) data for field scientists in Svalbard, organizing tailored training courses, webinars, and online conferences on EO and RS for Svalbard science community, communicate with space agencies to promote cal/val activities for satellite missions in Svalbard, and to bring together geospatial product developers and users to improve the usability of satellite data in Svalbard. Shridhar is also responsible for developing EO and RS based services for a wider research community working in Svalbard as a part of developing the observing system.



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>