

Webinar Series



Constructing a Digital Environment

Theme: Sensing the Environment

Title: “Sensor networks and smart analysis: Quantifying air quality and health impacts”

Speaker: Dr Lia Chatzidiakou

Time: Friday 11th June 11:00 GMT

Registration and further details:

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

Dr Lia Chatzidiakou is a research associate at the Department of Chemistry, University of Cambridge. Lia has an extensive background in indoor air quality measurements in schools, personal exposure in cardio-pulmonary cohorts and outreach activities including a report for the Mayor of London. Lia has led the air quality monitoring and the interpretation of the measurements in a number of national and international epidemiological projects. She was responsible for the development of portable miniaturised sensing platforms making her work cutting-edge in the fields of air quality measurements, activity profiling and quantification of health impacts. She has about 30 peer reviewed publications, book chapters and national scientific assessments.



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>