

SECURE:

Statistics Of Environmental Change, Resources And Ecosystems

Welcome

September 2015



Funded by EPSRC for 3 years

the SECURE network will **bring together** the environmental and statistical communities to provide fresh intelligence and new insights into **environmental change** and society's management of that change. In this way the network will address some of the key challenge areas including ecosystems, resources (e.g. water), health, infrastructure, climate change underpinned by environmental and earth observation.

Objective 1: shaping the data sets of the future:

new and challenging environmental monitoring strategies will be required to ensure that future datasets will reflect the nature of the scientific investigations needed to address the environmental science priorities. Additionally, as the use of complex models becomes more commonplace, experimental design criteria will be needed to create model runs and strategies for data assimilation.

- **Objective 2: ensuring that maximum benefit is gained from existing data resources:**

through data mining and the creation of linkage strategies, both between data sources and with process models. This will centre on the development and application of new modelling tools that are essential to manage the data streams from many sources that inform on environmental change.

- Meetings –annual network conference ,
- Sandpits, workshops and scoping meetings
- Training- a small number of training events
- Secondments- short term visits and exchanges would be encouraged and funded.
- Feasibility projects- up to 12 over the period (maximum funding £25K)

- 11.00 – 11.30am: Professor Jonathan Tawn
- 11.30 - 12.00pm: Workshops, choose one of the topics
- 12.00 - 12.30pm: Dr Jon Blower
- 12.30 - 1.00pm: Presentation- feasibility projects
- 1.00 - 2.00pm: Lunch
- 2.00 - 3.00pm: Professor Ian Boyd
- 3.00 - 3.20pm: Tea/Coffee
- 3.20 - 4.00pm: Workshops – choose one of the topics
- 4.00 - 4.30pm: Feasibility project pitches and round up

Morning

Workshop 1: Environment, health and wellbeing.

Workshop 2: New technology data streams.

Afternoon

Workshop 3: Shaping the data sets of the future.

Workshop 4: Linking process and statistical models.

Imperial College London

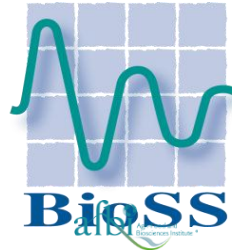
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Lancaster University 


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THE UNIVERSITY of EDINBURGH
School of GeoSciences



Centre for Ecology & Hydrology

NATURAL ENVIRONMENT RESEARCH COUNCIL



Scottish Natural Heritage
Dualchas Nàdair na h-Alba
All of nature for all of Scotland
Nàdar air fad airson Alba air fad



British Geological Survey

NATURAL ENVIRONMENT RESEARCH COUNCIL



Scottish Water

Trusted to serve Scotland

UNIVERSITY OF EXETER



CREEM

Centre for Research into Ecological and Environmental Modelling



RICARDO-AEA

SECURE welcomes new members.

Please contact Gillian Brown
(gillian.brown@glasgow.ac.uk) if you are interested
in any of our activities.

Our next call for funding will be for workshops,
deadline end of October

<http://www.gla.ac.uk/research/az/secure/>