

MODELLING THE IMPACTS OF NATURE-BASED SOLUTIONS

Towards Equitable and Sustainable Nature-based Solutions (TES NbS), in collaboration with the UK Centre for Ecology and Hydrology (UKCEH) is hosting two training events.

WEBINAR

This webinar will introduce land surface modelling methodologies and their applicability to nature-based solutions.

The webinar will be led by Dr Toby Marthews, an environmental scientist at UKCEH, and Dr Assumpta Onyeagoziri, an ecological mathematician and postdoctoral fellow for TES NbS.

The webinar is open to any researcher, policy maker or practitioner who is interested in the topic. No modelling knowledge or experience is required.

1 March, 2024
09:30 – 10:30 (SAST)

[CLICK HERE TO REGISTER](#)

WORKSHOP

Gridded/spatial data is critical for understanding and measuring the impact of nature-based solutions.

In this **hybrid training workshop**, researchers and students will be shown how to use generalised linear models to analyse changes in the spatial data typically used to track the impacts of nature-based solutions.

Attendants must have experience using R or another programming language (*note: all examples in the workshop will be given in R*). Attendants must also attend the same-day webinar that will serve as an introduction to the workshop.

There are 40 spaces available to join in-person at UCT, and 20 spaces available to join online. All spaces will be allocated on a first come, first served basis.

1 March, 2024
11:00 – 15:00 (SAST)

In person: Hlanganani Junction, UCT Library
OR online

[CLICK HERE TO REGISTER](#)

SPEAKERS & TRAINERS



DR TOBY MARTHEWS
UKCEH

Toby is an environmental scientist at the UKCEH focusing on the effects of climate change on ecosystems and the theory and development of land surface models (specifically the UK model JULES, for which he is a code developer).



DR ASSUMPTA ONYEAGOZIRI
TES NBS, ACIDI

Assumpta is an ecological mathematician and postdoctoral fellow for TES NbS. Her work focuses on using JULES to model the climate change adaptation and mitigation trade-offs of nature-based solutions.



DR PETRA HOLDEN
TES NBS, ACIDI

Petra is the principal investigator for TES NbS. She is an inter- and transdisciplinary conservation scientist whose research focuses on exploring equitable and sustainable approaches to nature-based solutions.

Funded by



Canada

