

# Institute for the Modelling of Socio-Environmental Transitions (IMSET)



# Our Mission

*To understand how human societies responded to climate change in the past; to provide insights into how modern societies can adapt to the challenges facing them*

The logo for BU2025, featuring the text "BU2025" in a bold, sans-serif font. The "BU" is in a dark grey color, and "2025" is in a lighter grey. The text is set against a background of overlapping, semi-transparent circles in shades of purple, blue, and green.

BU2025

SIA-Sustainability, Low-Carbon Technology  
& Materials Science

The logo for Bournemouth University, consisting of the letters "BU" in a large, bold, sans-serif font. The "B" is black and the "U" is red. Below the letters, the words "Bournemouth University" are written in a smaller, black, sans-serif font.

**BU**  
Bournemouth  
University

The logo for IMSET, featuring the letters "IMSET" in a large, bold, green, sans-serif font. Below the letters, the text "Institute for the Modelling of Socio-Environmental Transitions Bournemouth University" is written in a smaller, black, sans-serif font.

**IMSET**  
Institute for the Modelling of  
Socio-Environmental Transitions  
Bournemouth University

# Why study past socio-environmental interactions?

- We are a team of archaeologists, palaeoecologists and ecologists who are focused on taking the information gained from studying the past and using it to help inform contemporary and future climate change adaptation strategies
- The study of the archaeological record offers a unique perspective on socio-environmental interactions over a long time period that is not available through any other means
- Studying deep time can allow us to observe and identify the mechanisms that enabled societies to succeed (or conversely fail) when faced with environmental and climatic change





# Our Goals

- Lead cutting-edge, transdisciplinary research that integrates archaeological, anthropological and past environmental data with modelling approaches to address contemporary challenges relating to environmental change and sustainability
- Create a global collaborative research network that grows over time
- Achieve a high level of impact by conducting research that supports societies to achieve transition to sustainability

# Our Research Questions

- How do humans adapt to and shape their environment and at what spatial and temporal scale?
- How can we identify and model thresholds of human interference beyond which the environment cannot revert back to previous states- similarly-how can we identify and understand tipping points in cultural systems?
- What do we need to know to inform, and change, current practices with a look to future sustainability?

# Our Team

Emma Jenkins



Adrian Newton



Fiona Coward



Fabio Silva



Kimberley Davies

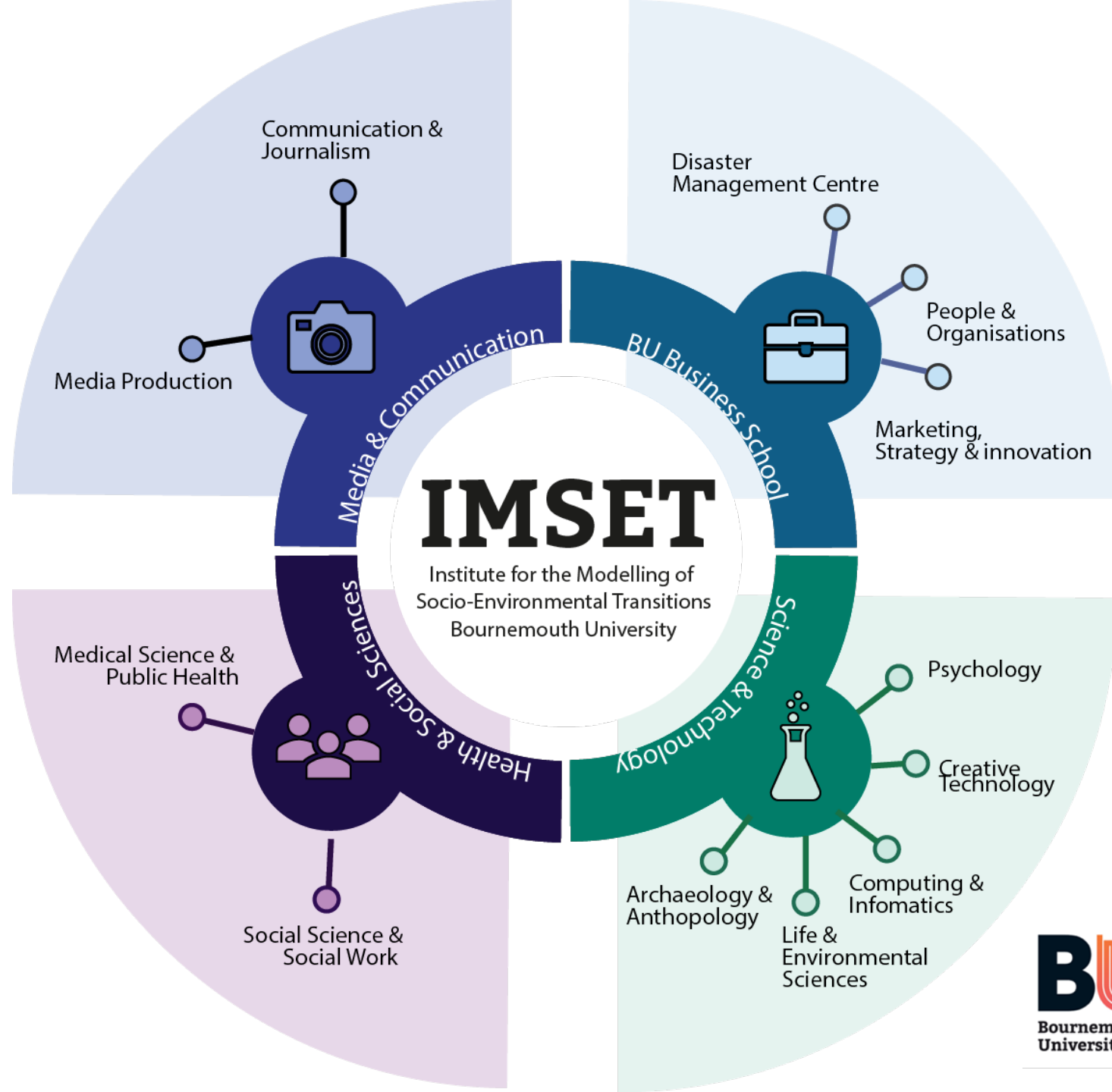


Marc Vander Linden



Phil Riris





# How to get involved.....

- Please check out our website  
<https://www.bournemouth.ac.uk/research/centres-institutes/institute-modelling-socio-environmental-transitions>  
and follow us on Twitter @BU\_IMSET
- E mail us: IMSET@bournemouth.ac.uk