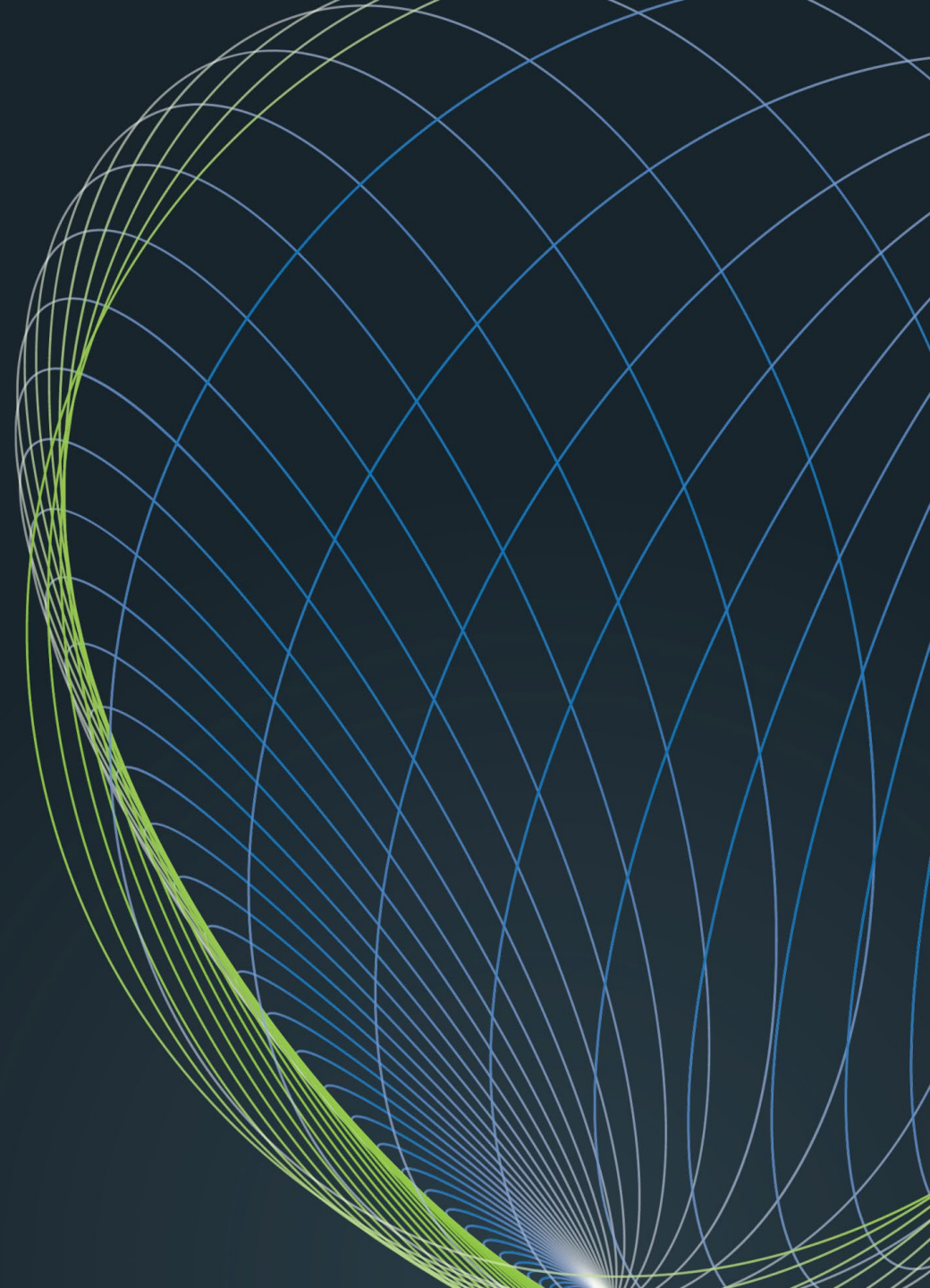


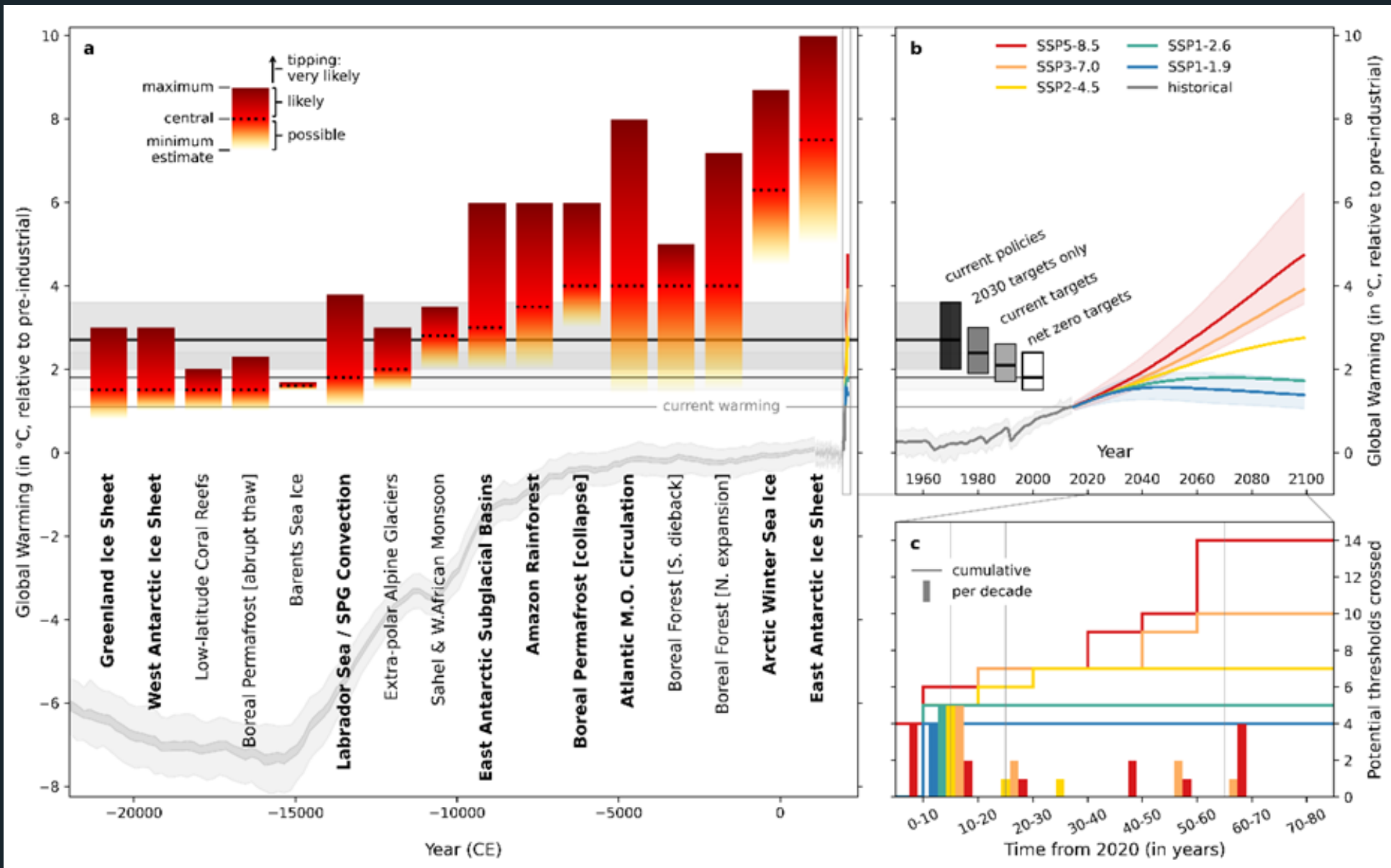
# Risk and early warning of climate tipping points

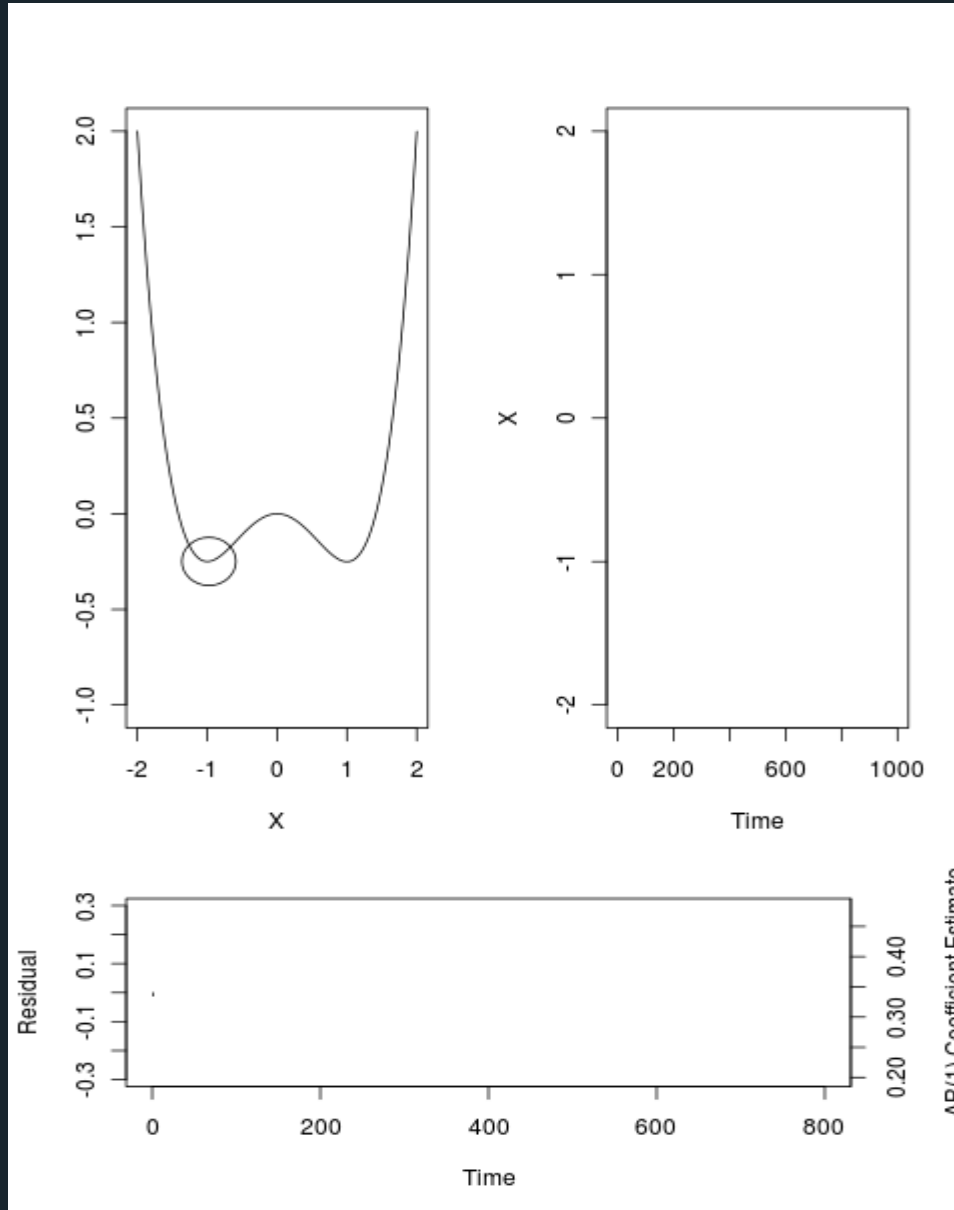
*Tim Lenton*

Director, Global Systems Institute, University of Exeter

[exeter.ac.uk/gsi](https://exeter.ac.uk/gsi)







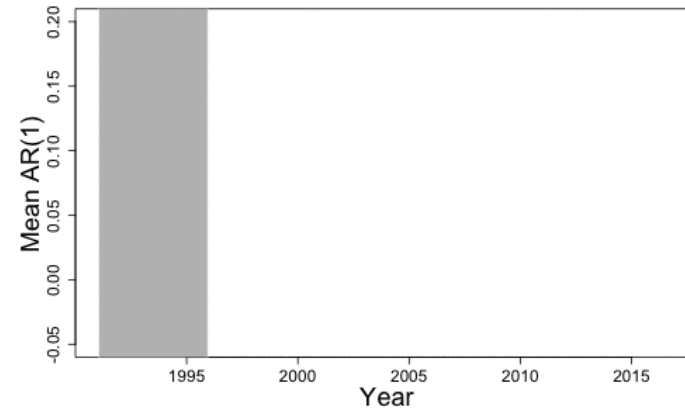
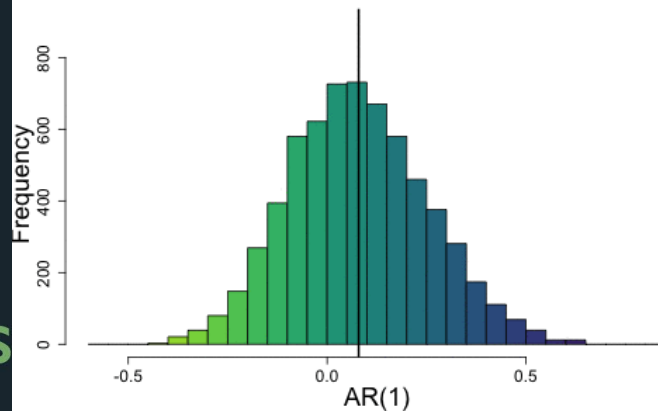
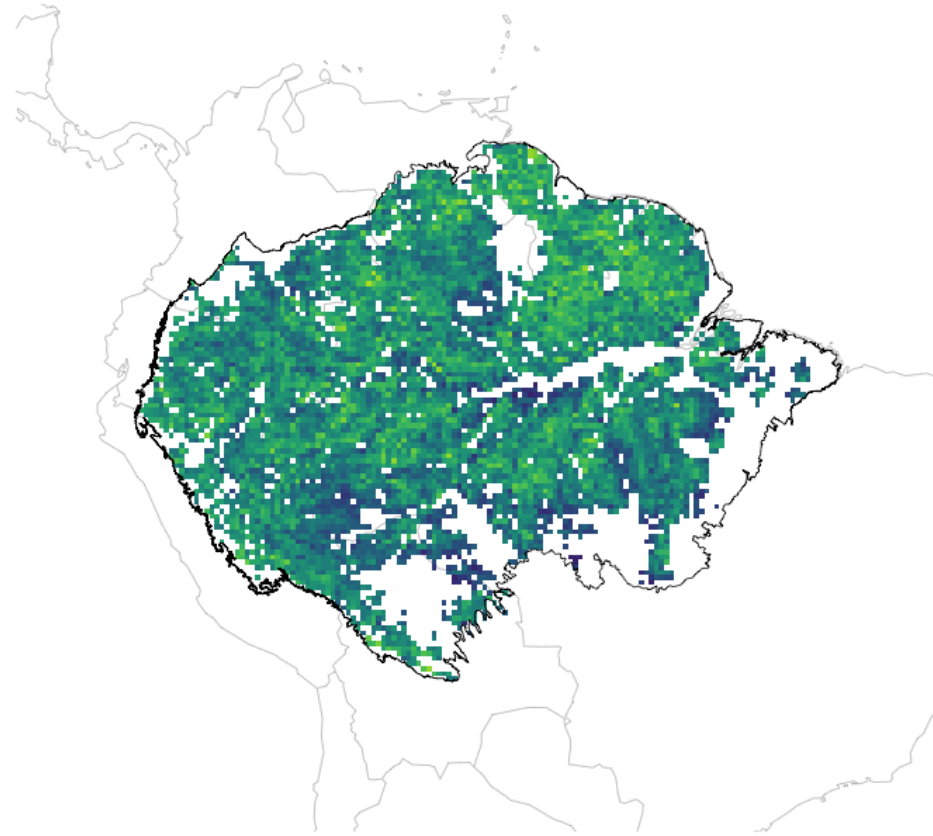
Early  
warning  
indicator



# Remotely sensing the changing resilience of the Amazon rainforest

AR(1) of Vegetation Optical Depth (VOD)

(after de-trending and de-seasonalising the data, monthly data, 5-year sliding window)



Global Systems

Boulton, Lenton, Boers  
(2022) *Nature Climate Change*