

Climate Science for Service Partnership Brazil

WORKING IN PARTNERSHIP

Brazilian research partners



INPA = National Institute of Amazonian Research
INPE = National Institute for Space Research
Cemaden = National Centre for Monitoring and Early Warning of Natural Disasters

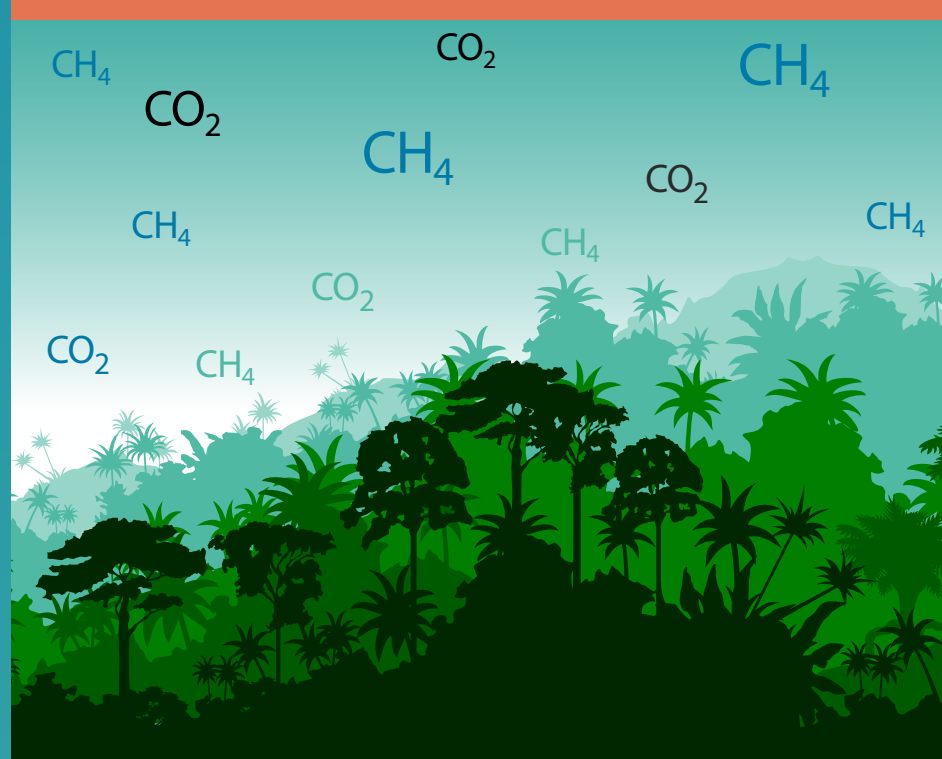
UK research partners



University of Leeds, University of Reading, University of Oxford, University of Exeter, University of Edinburgh, University of Bristol, Met Office

COLLABORATIVE SCIENCE

Carbon cycle in the Amazon



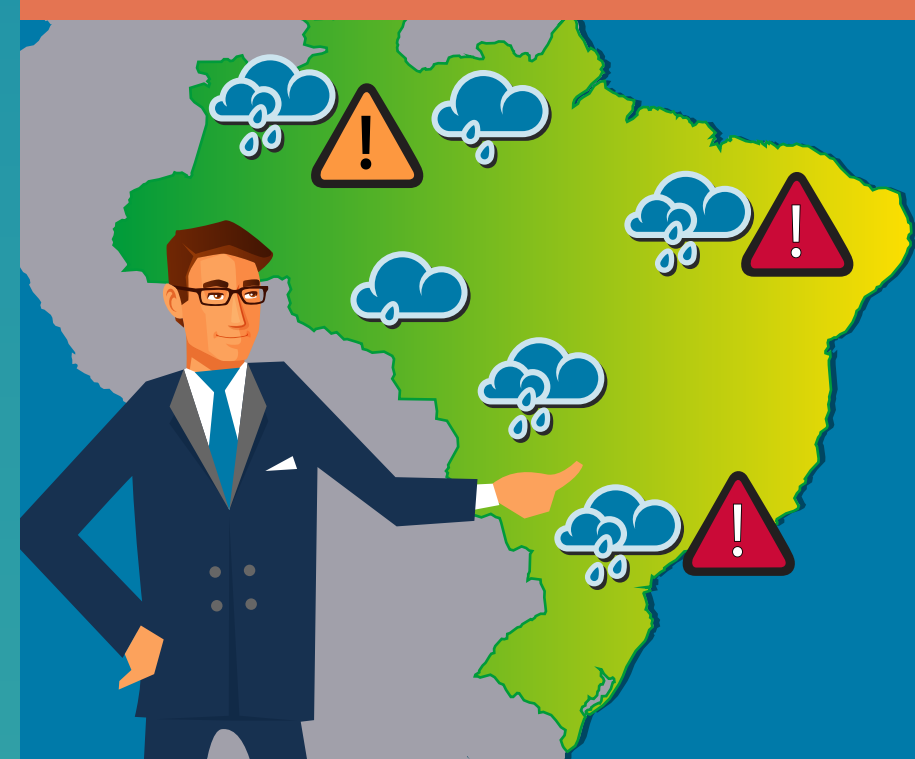
Working together to understand how resilient the Amazon is to climate change and deforestation e.g. how much carbon it can store and how this might change in future.

Modelling rainfall



Collaborative work to improve understanding of how rainfall might change over Brazil in the near and long term.

Impacts & disaster risk reduction



Translating information on climate science to support planning and infrastructure decisions for managing climate extremes, impacts and risk.

LONG-TERM GOALS

Mitigation & adaptation policies



Providing scientific evidence to help inform policies which support climate change mitigation and adaptation in Brazil.

International negotiations



Informing the United Nations Framework Convention on Climate Change on greenhouse gas emissions in Brazil.

Disaster risk reduction



Supporting policymaking, decision making and contingency planning for natural hazard related disasters.