

Practical solutions to challenges posed by global anthropogenic climate change are non-global: in national and regional regulatory frameworks, in devolved implementation of policy, in behavioural acceptance and desire for change, and in process-level understanding underpinning systems science research.

The symposium address the three challenge areas with oral and poster sessions on:

- A) Water supported by Scottish Government Water Industry Division
- B) Carbon supported by ClimateXChange
- C) Planetary Wellbeing sponsored by SEFARI Gateway
- D) The Fragile Cryosphere supported by NERC Arctic Office
- E) Whole Earth Systems sponsored by Geoverbund ABC/J

# **Opening Address:**

Roseanna Cunningham MSP
Cabinet Secretary for Environment,
Climate Change and Land Reform

#### **Kevnote speakers:**

## Susan Watts

Journalist, writer, broadcaster

## Andy Kerr

Climate-KIC

#### **Andrew Millar FRS**

Chief Scientific Advisor, Scottish Government

#### **Emily Shuckburgh OBE**

Cambridge Centre for Climate Change Mitigation Research

# Symposium will focus on three challenge areas:

**Gathering Evidence:** mosaic of underpinning research advancing earth system forecasting

**Assessing Relevance:** issue-dependent evidence base needed for policy and regulation

**Designing Solutions:** design and implementation of targeted solutions to achieve Climate Planning aspirations