

How can research contribute to tackling climate emergency in food and agriculture systems up to 2030?

The session will have a dual focus on the contributions of research in general and of research by NRI and its FaNSI partners, with particular reference to sub-Saharan Africa. It is intended to provide a forum for NRI staff and students and FaNSI partners to contribute to developing NRI's strategy for future research, and we will have dedicated facilitators making full use of the IT platform to do so.

Following a short introduction by Professor John Morton on the NRI Climate Change, Agriculture and Natural Resources programme, and the objectives of the session, the session will consider four sub-topics:

1. Climate change and food security
2. Climate change, land and natural resource use
3. Climate change, climate variability and conflict,
4. Climate change, food systems, gender and social inequality.

Presenters will be invited to answer three questions:

- **Why** is this a priority research area?
- **What** are the most important research questions?
- **How** (with whom, by what approach etc.) can we do the research in a way which has impact?

Schedule

Introduction by John Morton (5 minutes)

1. Climate change and food security: Professor Alex de Pinto (10 minutes)
2. Climate change, land and natural resource use: Dr Pamela Katic and Dr Truly Santika (15 minutes)

Remarks by discussant (tbc), leading into discussion on Presentations 1 and 2 (15 minutes)

3. Climate change, food systems, gender and social inequality: presenter to be confirmed (15 minutes)
4. Climate change, climate variability and conflict: presenters Professor Tilman Brück/Dr Uche Okpara (15 minutes)

Remarks by discussants (June Po, NRI and AN Other), leading into discussion on Presentations 3 and 4 (15 minutes)

After all the presentations the session will proceed into a facilitated general discussion. Towards the end of the session we will ask the panellists to give their reflections on the discussion and to identify gaps and priority areas for research.

Panellists:

- Professor Fiona Nunan, University of Birmingham
- Professor Jeremy Haggard, NRI
- Dr Aliyu Barau, Center for Dryland Agriculture, Bayero University Kano.

Facilitators: Richard Lamboll and Professor Valerie Nelson

Chair: John Morton