

# Global Food Security

## CAMBRIDGE SYMPOSIUM 2015

Wednesday, 8 July 2015  
9:30-16:30 The Sainsbury Laboratory

### PROGRAMME

#### Registration (9.00–9.30)

#### Welcome and introduction (Will Simonson) (9.30–9.40)

#### Plenary 1: India and Sub-Saharan Africa (Chair: Howard Griffiths) (9.40–11.00)

The political ecology of a 'New Green Revolution' in sub-Saharan Africa: emerging trends and research priorities (Ivan Scales, Department of Geography)

Integrated multi-scale modelling of water, land and energy resource interactions and their influence on the food system in Uganda (Feriha Mugisha, Department of Engineering)

Rural livelihood options for youth from agricultural households (Shailaja Fennell, Centre of Development Studies)

UK-India Food Supply Chains: Sustainability and food security (Mukesh Kumar, Institute for Manufacturing)

#### Morning refreshment break (11.00–11.30)

#### Plenary 2: Biosciences (Chair: Chris Gilligan) (11.30–12.30)

MRSA on dairy farms (Mark Holmes, Department of Veterinary Medicine)

Transgenic suppression of avian influenza virus (Jon Lyall, Department of Veterinary Medicine)

Translating basic research on insect-plant interactions to aid in the protection of beans in East Africa (John Carr, Department of Plant Sciences)

#### Lunch (12.30–13.30)

#### Plenary 3: Making a difference (Chair: Rob Doubleday) (13.30–15.00)

Role of NGOs in bioscience policy making (Ksenia Gerasimova, Centre of Development Studies)

Cool Farm Alliance: developing an evidence-based biodiversity metric (Lynn Dicks, Department of Zoology)

Business case for investing in nature (Gemma Cranston, Cambridge Institute for Sustainable Leadership)

#### *Response and discussion*

Making a difference to policy: challenges and opportunities (Steve Wearne, Food Standards Agency)

#### Afternoon refreshment break (15.00–15.30)

#### Plenary 4: Water, forests and food security (Chair: Martin Jones) (15.30–16.30)

The impact of water availability on food security (Katya Yatskovskaya, Institute for Manufacturing)

Forests and trees for food security and nutrition (Chris Sandbrook, Department of Geography/UNEP-WCMC)

Concluding remarks and looking forward (Paul Mylrea, Office of External Affairs and Communications)

#### Close and drinks reception