Feeding more than 9 billion by 2050: challenges and opportunities

22 April 2015 – Canberra, Australia/Copenhagen, Denmark

This event is sponsored by the OECD Co-operative Research Programme on Biological Resource Management for Sustainable Agricultural Systems.

Canberra (2.30 – 7pm)

Venue: Finkel Theatre
        John Curtin School of Medical Research
        Building #131, Garran Road
        The Australian National University

2.30-4.30pm - non video link

Presentations (2.30-3.45pm)

2.30-2.40 Welcome
Professor Quentin Grafton
Crawford School of Public Policy
The Australian National University

2.40-2.55 A gender dimension of Food Security
Dr Nazmun Ratna
Faculty of Agribusiness and Commerce
Lincoln University
New Zealand

2.55-3.10 Phosphorus vulnerability in the global food system
Dr Dana Cordell
Institute for Sustainable Futures
University of Technology
Australia
3.10-3.25  *Overcoming land and water constraints on food production*

Dr Colin Chartres  
University of Canberra  
Institute of Applied Ecology  
eWater and The Crawford Fund  
Australia

3.25-3.40  *Public policies for improving food and nutrition security*

Mellissa Wood  
Australian Centre for International Agricultural Research  
Canberra, Australia

**Panel Session (3.45-4.30pm)**

3.45-3.50  *Australian Centre for International Agricultural Research’s role in Food Security*

Dr Ejaz Qureshi (Panel Chair)  
Australian Centre for International Agricultural Research  
Canberra, Australia

3.50-3.55  *Genomic Breeding for Food, Environment and Livelihoods*

Professor Justin Borevitz  
Centre of Excellence in Plant Energy Biology  
Research School of Biology  
The Australian National University

3.55-4.00  *Natural Resource Management and Food Security*

Professor John Williams  
Crawford School of Public Policy  
The Australian National University

4.00-4.05  *Oil prices, biofuels production and food security*

Dr Hang To  
Crawford School of Public Policy  
The Australian National University

4.05-4.30  *Q&A Panel*

4.30-5pm  *Afternoon Tea*
5-6pm – Canberra presentations (video linked to Copenhagen event)

5.00-5.02  Introduction and welcome to Copenhagen participants
Professor Quentin Grafton

5.02-5.15  OECD Co-operative Research Programme
Dr Gary Fitt
CSIRO Biosecurity Flagship
Brisbane, Australia

5.15-5.30  Food and Water Gaps to 2050
Professor John Williams and Professor Quentin Grafton
Crawford School of Public Policy
The Australian National University

5.30-5.45  Sustainable Food Production: constraints, challenges and choices by 2050
Dr Fiona McKenzie
Australian Futures Project
Sydney, Australia

5.45-6.00  Water productivity and food security
Dr Dennis Wichelns
United States
6-7pm Copenhagen presentations via video link

6.00-6.02  Introduction and welcome to Canberra participants
Professor Carsten Daugbjerg

6.02-6.15  Aims and Scope of Food Security
Professor Richard Strange
University of London
United Kingdom

6.15-6.29  Input constraints to food production: the impact of soil degradation
Professor Jane Rickson
Cranfield Soil and AgriFood Institute
Cranfield University
United Kingdom

6.29-6.43  Technology Transfer and Fertiliser Use Efficiency
Dr Miles Grafton
New Zealand Centre for Precision Agriculture
Massey University
New Zealand

6.43-6.57  Food Security Policies in India and China: Implications for national and global food security
Dr Wusheng Yu
Institute of Food and Resource Economics
University of Copenhagen
Denmark

6.57-7.00  Thank you and close
Professor Quentin Grafton