



# **CRAWFORD FUND 2016 ANNUAL CONFERENCE**

## **WASTE NOT, WANT NOT: The Circular Economy to Food Security**

### **PROGRAM**

**MONDAY, 29 AUGUST, 2016**

**SIR JOHN CRAWFORD MEMORIAL ADDRESS AND NETWORKING DINNER**  
**Ballroom, Realm Hotel, Barton, Canberra**  
**6-9pm**

#### **'THE FUTURE OF OUR FOOD'**

The Sir John Crawford Memorial Address has been held annually since 1985 in honour of the remarkable Australian in whose name the Crawford Fund was established. He contributed at the highest levels to the development of Australia and other countries, and passionately supported international agricultural research for development.

This year's Sir John Crawford Memorial Address is titled *'The Future of our Food'* and will be presented by Professor Louise Fresco, President of the Executive Board of Wageningen University and Research Centre, and member of the Steering Committee of the FAO High Level Panel of Experts on Food Security and Nutrition.

Louise will be presenting insights on where we stand in understanding the future of food.

Our specially styled networking dinner enables participants to meet colleagues and make new connections with a wide variety of peers from across industries and regions in an enjoyable and more relaxed format than a formally seated dinner.

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TUESDAY, 30 AUGUST, 2016

ANNUAL CONFERENCE  
The Realm Hotel, Barton, Canberra  
9am-5pm

0830 REGISTRATION

0900 OPENING SESSION

**Welcome and Chair of Opening Session:**

The Hon John Kerin AM, Chair of the Crawford Fund

0910 SESSION 1: MORNING KEYNOTE

**Morning Chair:**

Mr Andrew Campbell, CEO, Australian Centre for International Agricultural Research

**Waste Not, Warm Not: Poverty, Hunger and Climate Change in a Circular Food System**

Dr Karen Brooks, Director, CGIAR Research Program on Policies, Institutions and Markets,  
International Food Policy Research Institute

0930 Q&A: MORNING KEYNOTE

0940 SESSION 2: ON-FARM LOSSES

**Overview: The Complex Picture of On-Farm Loss**

Dr Brian Lipinski, Associate in the Food Program, World Resources Institute

**Case Study 1: Bridging the Gap to On-Farm Storage: Prize Mechanisms, the Private Sector, and New Public Funding Mechanisms**

Mr Rodrigo Ortiz, Secretariat Lead, AgResults

**Case Study 2: Crop Health Capacity Building in Least Developed Countries—A Unique Approach**

Ms Madaline Healey, Researcher, University of the Sunshine Coast

**Case Study 3: Plantwise—An Innovative Approach to Reduce Crop Losses by Sharing Plant Health Knowledge**

Dr Washington Otieno, Plantwise Programme Executive, CABI

1020 Q&A: ON-FARM LOSSES

1100 MORNING TEA



## 1145 SESSION 3: FROM FARM GATE TO FORK: PACKAGING, TRANSPORT AND PROCESSING

### Session Chair:

Dr Helen Garnett, Member, GRDC, SRA and Crawford Fund Boards

### Overview: Innovating to Save on Wastages in Agri-Value Chains

Professor Ashok Gulati, Infosys Chair Professor for Agriculture, Indian Council for Research on International Economic Relations

### Case Study 1: Towards Eradicating a Major Cause of Food Unavailability: On-Farm Losses

Mr Simon Costa, Project Manager, World Food Programme

### Case Study 2: Postharvest Physical Risk Factors Along the Tomato Supply Chain: Fiji

Mr Salesh Kumar, Research Associate, School of Agriculture and Food Technology, University of the South Pacific

### Case Study 3: Scavenging for Protein and Micronutrients—Village Poultry in Timor-Leste

Dr Joanita Jong, Director of Veterinary Services in the Ministry of Agriculture and Fisheries and Coordinator of the Timor-Leste Village Poultry Health and Biosecurity Project

## 1225 Q&A: FROM FARM GATE TO FORK

Q&A including four session speakers, structured on questions from the floor

## 1255 LUNCH

Delegates who have registered for the special discussion session should go to the South Courtyard area. All other delegates should proceed to Ballroom 3.

## 1400 SESSION 4: A SPECIAL CASE—WHAT CAN SUPERMARKETS DO?

### Afternoon Chair:

Mr Daryl Quinlivan, Secretary, Department of Agriculture and Water Resources

### Food Loss in Indonesian Supermarkets: What can Supermarkets do to Reduce Food Loss?

Dr Arief Daryanto, Director of the Graduate Program of Management and Business, and Senior Lecturer in the Faculty of Economics and Management, Bogor Agricultural University

## 1415 SESSION 5: MANAGEMENT AND REUSE OF WASTE

### Overview: The Mega Cities, Mega Waste *Last Mile* Challenge

Professor Alice Woodhead, Aust-ASEAN Council

### Case Study 1: Every Nutrient is Sacred—Developing a Nutrient Retention Paradigm to Aid Global Food Security

Dr Steve Lapidge, Director, Science Partnerships, South Australian Research and Development Institute, Primary Industries and Regions SA, Government of South Australia

### Case Study 2: From Plant Wastes to Sustainable Aquafeeds—The Novacq™ Case History

Dr Cedric J. Simon, Senior Research Scientist in Aquaculture Nutrition, CSIRO Agriculture

### Case Study 3: Waste-to-Energy Innovations Powering a Circular Economy

Dr Bernadette McCabe, Vice Chancellor's Senior Research Fellow, National Centre for Engineering in Agriculture, University of Southern Queensland



**Case Study 4: Towards Global Phosphorus Security Through Nutrient Reuse**

Dr Dana Cordell, Research Director, Institute for Sustainable Futures (University of Technology Sydney) and Co-founder, Global Phosphorus Research Initiative

**1505 Q&A: SUPERMARKETS, AND MANAGEMENT AND REUSE OF WASTE**

Q&A including six speakers, structured on questions from the floor

**1535 AFTERNOON TEA**

**1600 SESSION 6: AFTERNOON KEYNOTE**

**Closing Chair**

Dr Daniel Walker, Research Director, Agriculture and Global Change, CSIRO Agriculture and Food

**Nestlé's War on Waste: A Journey Through the Supply Chain**

Mr Daniel Lagger, Executive Director, Technical and Production, Nestlé Oceania

**1620 MODERATED DISCUSSION SESSION**

The morning and afternoon keynote speakers join the Sir John Crawford Address presenter for Q&A

**1700 CLOSE**