



THE UNIVERSITY OF
SYDNEY

Secure, safe, sustainable food systems: safe today, optimal for the future

One Health Ecohealth Pre-congress Workshop



When

30 November – 2 December
2016

Where

Charles Perkins Centre
The University of Sydney
Australia

More information

Professor Robyn Alders
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Host

[Healthy Food Systems:
Nutrition, Diversity, Safety
Node](#)

Secure, safe, sustainable food systems: safe today, optimal for the future

Supplying reliable, adequate and safe nutrition for more than 7 billion people is among the most important and complex of human responsibilities. Although farmers and others involved in the food supply chain can usually achieve this goal locally, globally the food system is adversely affecting the ecosystem, (including soil, animals and plants) and people, especially through either under- or over-nutrition but also through other impacts and disease risks. These externalities create staggering human and financial costs placing a huge strain on already stretched national budgets for which there are always competing uses. The growing global population and associated environmental pressures necessitate a realignment of agriculture towards more specifically defined human nutrition and food safety needs, providing sufficient nutritious food without excessive or poorly targeted production. This is occurring at a time when support for agricultural research and development, essential to overcoming the inadequacies of the current system, has declined markedly. Can expertise in health, agriculture, environmental and social sciences come together to provide efficient solutions to the identified challenges?

This workshop brings together international researchers to review the links between food systems, the double burden of under and over nutrition and other human and environmental risks



associated with food production and supply and to assess options for a food and nutrition-based response. Nutrition-sensitive value chains will be central to the discussions. The approach provides a framework for an interdisciplinary discussion and future planning around all aspects of food and nutrition security, from soils, food production and processing to market chains, consumers and their health and safety, food wastage, and socio-cultural issues.

Objectives

To build an interdisciplinary partnership to tackle the double burden of under- and over-nutrition through gender- and nutrition-sensitive agriculture (both plant- and animal-source food). To review and agree on feasible, food and nutrition-based options for mitigating the drivers that have led to the double burden in participating countries. To contribute to the global debate on the double burden and nutrition-sensitive agriculture at the International One Health Ecohealth Congress in December 2016.

Outcomes

An interdisciplinary and multi-country research team created to tackle the double burden in collaboration with sustainable nutrition- sensitive agriculture. In the final days, participants will have agreed to a shared action plan for implementing collaborative activities to fill evidence gaps and inform evidence-based programs and policy. Participants will have identified feasible and

cost-efficient options for enabling sustainable nutrition- sensitive agriculture (both plant- and animal-source food) to contribute to improved health and decreased health spending. The experiences and views of participants in relation to the double burden and nutrition-sensitive agriculture shared and valued at the International One Health Ecohealth Congress. The development of projects to implement feasible and cost-efficient options for enabling nutrition-sensitive agriculture to contribute to improved health and decreased health spending submitted within 12 months of the conclusion of the workshop.

Venue: Charles Perkins Centre, University of Sydney, Australia

Cost: Workshop free, small contribution for lunch

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Further information:

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