



**PMAC** | PRINCE MAHIDOL  
AWARD CONFERENCE **2018**



## **PARALLEL SESSION 4.4**

**FINDING THE WIN-WIN SOLUTIONS FOR BETTER HEALTH FROM BETTER FOOD  
SYSTEMS**



## | BACKGROUND

The surging global demand for animal source foods and rapid growth rates in livestock and aquaculture production are being met with a range of approaches including both aggressive consolidations of production and marketing chains into intensive, large-scale commercial operations, as well as expansion of extensive, small- and medium-scale production systems. Most current approaches contain inherent vulnerabilities. How can the present food systems be reconfigured to feed the growing human population without leading to unintended health consequences for people, animals and the ecosystem? All the stakeholders in these food systems from production, marketing and consumption need to be actively involved in developing coherent and comprehensive approaches where almost everyone can benefit—i.e. collaborative win-win solutions.

## | OBJECTIVES

- Build upon the existing evidence base for the broad collateral benefits realized when longer term investments in shifting production toward reduced impact practices is achieved
- Review cases from the field of how these production shifts were achieved, the methodologies used in measuring the impact realized, and how the impacts were translated into advocacy efforts influencing policy and decision making
- Identify strategies for scaling up these approaches involving the critical stakeholders in a broad range of food systems based on animal production contexts



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Speaker

## Robyn Alders

*Principal Research Fellow*

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Robyn Alders is an Associate Professor with the University of Sydney who was born and raised on a grazing property on the Southern Tablelands of NSW, Australia. For over 20 years, she has worked closely with smallholder farmers, especially village poultry farmers, in sub-Saharan Africa and SE Asia as a veterinarian, researcher and colleague, with an emphasis on the development of sustainable infectious disease control (primarily Newcastle disease prevention) in animals in rural areas in support of food security and poverty alleviation. Robyn is the Team Leader of the “Strengthening food and nutrition security through family poultry and crop integration in Tanzania and Zambia” project funded by the Australian Centre for International Agricultural Research. Her current research and development interests include food and nutrition systems, Planetary Health, gender equity and Science Communication.