

Annex 1 Workshop Programme

Avian Influenza, Public Health, and Smallholder Livelihoods

Economic, Epidemiological, and Veterinary Modelling of Alternative Solutions

Kantary Hills Hotel
Chiang Mai, Thailand
January 8-10, 2010

Friday, January 8

13:00 Welcome
Joachim Otte, FAO

Part I – Economic Assessment: Tools, Results, and Implications

13:30 Overview of Economic Research
Roland-Holst, UC Berkeley

14:00 Economics of Risk Management from National and Global Perspectives
David Zilberman, UC Berkeley

15:00 Break

15:30 Survey Work in the GMS: Techniques, General Findings, and Policy Insights

Viet Nam – *Jenny Ifft and Ahn Tuan* (40 min)
Thailand – *Sam Heft-Neal* (30 min)
Cambodia – *Sam Heft-Neal* (30 min)
Lao PDR – *Drew Behnke and Phinseng Channgakham* (40 min)
Wrap-up – *David Roland-Holst* (10 min)

18:00 Adjourn

Saturday, January 9

Part II – Epidemiological Assessment: Tools, Results, and Implications

09:00 Overview of Epidemiology Research
Dirk Pfeiffer, RVC London

09:30 Assessing risks of H5N1 in buffer zones around compartmentalised poultry farms in Thailand
Apisit Prakarnkamanant / Chaithep Poolkhet

10:00 Quantitative risk assessment of HPAI H5N1 in Indonesia
Solenne Costard / Will de Glanville

10:30 Break

11:00 Modelling the impact of vaccination on silent spread of Highly Pathogenic Avian Influenza H5N1 during the final stages of the small-holder production cycle in Northern Viet Nam
Guillaume Fournie / Dung Do

- 11:30 Impact of the implementation of control strategies in live bird markets on the dynamics of H5N1 HPAI
Guillaume Fournie
- 12:15 Lunch
- 13:45 Mathematical models for Viet Nam and Thailand to explore the impact of potential control measures to reduce the risk of outbreaks of H5N1 in poultry
Patrick Walker
- 14:15 Knowledge-driven risk mapping of HPAI H5N1 in Indonesia
Solenne Costard / Will de Glanville
- 14:30 Poultry trade networks in Cambodia
Maria van Kerkhove
- 15:15 Break
- 15:30 Poultry trade networks and pilot study on traceability of poultry in northern Viet Nam
Alex Mastin / Raphaelle Metras
- 16:00 H5N1 animal human interface
Maria van Kerkhove
- 16:45 Working group assignment
- Technical 'options' for HPAI control in relation to poultry production systems and different poultry sector composition in Mekong countries
 - Institutional 'mechanisms' to support implementation of technical 'solutions'
 - Political economy considerations / issues that determine acceptability / success of 1 & 2
- 18:00 Adjourn

Sunday, January 10

- 09:00 Working groups
- 12:15 Lunch
- 13:45 Report of working groups to plenary
- 14:15 Group Discussion
- 15:15 Break
- 15:30 Workshop wrap-up and closure