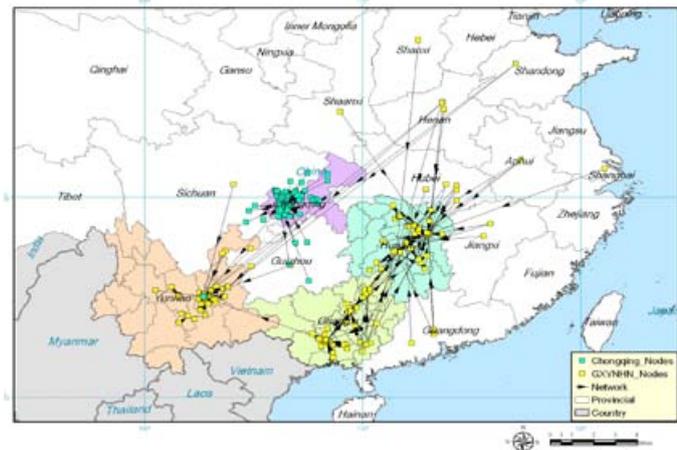


## Applying Social Network Analysis (SNA) techniques to Live bird market surveillance and market chain analysis

Dr. Ricardo Magalhaes, international veterinary epidemiologist based in Queensland University in Australia, visited Beijing from 18th to 24th April to assist the ECTAD team in finalizing the statistical analysis of LBM survey results using SNA techniques applied to veterinary epidemiology. The results of the survey were then presented to a panel of experts from the Ministry of Agriculture and the China Animal Health Epidemiology Center (CAHEC) for discussion and to provide useful recommendations for further targeted surveillance and control activities in LBM in Southern China. The methodology and results obtained were discussed at length during the debriefing meeting with national experts in epidemiology from MoA and CAHEC and the possibility of applying similar methodology to other important production systems and diseases such as FMD raised considerable interest among the participants.

LBM Networks in Guangxi, Yunnan, Hunan and Chongqing



▲ Live Bird Market Network in 4 Provinces

## Biosafety, Management and test validation Training workshop in Chongqing

Training workshop on laboratory biosafety, management and test validation took place in Chongqing from 12th to 16th April 2010. Cristian De Battisti and Matteo

Pizzuto, two international laboratory experts from the Istituto Zooprofilattico Sperimentale delle Venezie (IZSVe), OIE/FAO reference laboratory for avian influenza, provided trainings to 25 participants from Chongqing, Guangxi, Hunan, Yunnan, Qingdao, Beijing and Harbin. The five-day training mainly focused on Good Laboratory Practices (GLPs) for molecular techniques, laboratory biosecurity and biosafety and standard operating procedures (SOPs).



▲ Laboratory biosecurity and management training in Chongqing

After the training in Chongqing, sequencing activity was performed in the provincial veterinary laboratory in Nanning, Guangxi Province during 19th to 22nd April. Presentations on principles of sequencing reaction and sequencing procedures were delivered by Cristian and Matteo. The two experts also performed sequencing activities together with Guangxi laboratory experts. The IZSVe sequence primers and sequence SOP were shared with the experts in Guangxi.

### Upcoming activities

- A Stakeholder Meeting gathering the main key technical and institutional partners of the FETPV (Field Epidemiology Training program for Veterinarians) program will be held in Beijing from 18th to 19th May.
- A training workshop on disease outbreak investigations and Training of Trainers will be held in Beihai, Guangxi Province from 4th to 13th May.
- A disease risk analysis training will take place in CAHEC, Qingdao during 17th and 21st May.