ILRI in East and Southeast Asia

Context in the region
• Demand for livestock products is growing rapidly due to increasing incomes and changing patterns of consumption and urbanization.
• Smallholders dominate most livestock sub-sectors in spite of continued industrialization.
• Large populations of rural poor, including marginalized ethnic minorities, remain a pressing development challenge.
• Dynamic nature of markets and livestock systems offers learning opportunities relevant to other settings.

Research strategy, key areas for livestock research
Opportunities: sustainable intensification of crop-livestock systems
• Crop-livestock system integration and productivity
• Conservation and utilization of animal genetic diversity in the region
• Value chain and market development for smallholder participation and productivity

Threats: risks assessment and mitigation in rapidly changing agricultural systems
• Emerging infectious zoonotic diseases
• Food safety
• One Health/EcoHealth and climate change
• Feeds and forages
• System analysis

Current research areas
• Pig value chain
• Food safety and antimicrobial resistance
• Climate change
• One Health/Ecohealth
• Genetics, breeding policy
• Feeds and forages

Capacity development
Opportunities for fellowship, training at
• ILRI-CAAS (Chinese Academy of Agricultural Sciences) Joint Laboratory on Animal and Forage Genetic Resources in Beijing and Joint Laboratory on Ruminant Disease Control in Lanzhou, China
• One Health/EcoHealth Resource Centres in Thailand and Indonesia
• OIE Joint Collaborating Centre for Food Safety in Hokkaido, Japan
• Center for Public Health and Ecosystem Research (CENPHER) of the Hanoi University of Public Health (HUPH) in Vietnam

Staffing
Hanoi: Hung Nguyen (Senior scientist and regional representative); Thanh Nguyen (office manager); Chi Nguyen (communications officer); Hanh Le (administrative assistant); Lucy Lapar (agricultural economist); Fred Unger (veterinary epidemiologist); Randall Ritzema (system analyst); Hu Suk Lee (postdoctoral fellow); and Thinh Nguyen (research assistant).

Beijing: Han Jianlin (population geneticist); Xianglin Li (liaison scientist); and Wei Chunlei (administrative officer).

Resources
• Regional office in Hanoi, Vietnam
• Liaison office in Beijing, China
• ILRI-CAAS joint laboratory for forage genetic resources in Beijing
• ILRI-CAAS joint animal disease laboratory in Lanzhou

Partnerships and geographic strategy
• Partnership for joint research and capacity development
• Support for regional research coordination and learning
• Support for regional livestock policy and investment advocacy
• Working with partners for planning and priority setting, advocacy and resource mobilization
• Vietnam, China, Laos, Indonesia, Cambodia, Myanmar, Philippines

Key donors
• CGIAR Research Programs on Livestock, Agriculture for Nutrition and Health, and Climate Change, Agriculture and Food Security
• Australian Centre for International Agricultural Research
• World Bank
• National Science Foundation of China
• Global Environment Facility Asia

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