Many countries, huge populations, different languages, and unbalanced development

Difficulties to communicate and collaborate
Asian Ecology Section (established in 1994)

A. facilitate communication and collaboration,
B. promote ecological research and education in Asia.
Diversity of Ecosystems

Central Asia Mountains

Central Asia Desert

Mongolian Grassland

SE Asia Tropical Forest

Limited Ecological Research
IT IS THE LAND
Per-capital arable land: Asia 0.13 – the rest >0.3
High intensity of human disturbance

Nepal

Philippines
Flooding, Kedarnath Valley, India
Drought in Pakistan

IT IS THE WATER

Entrophication (China’s green lake)
Arsenic contamination, Cambodia
It's Going To Get Worse Before It Gets Better

Traffic in India

Foggy air in China

Deforestation in Indonesia
Widespread conversion of tropical forests to biofuel plantation (Cambodia)

New way of sustainable forestry: preparing logs for charcoal (Matang mangrove forest, Malaysia)

Are these systems more sustainable?
AES and SINO-ECO joint gathering
6:30 pm, tonight
P.F. Chang Asia Bistro
Climate change manipulation experiments on Tibetan plateau

Qinghai Province, China
Jinsheng He (Peking University)

Gansu Province, China
Guozhen Du (Lanzhou University)
Climate change & the rise and fall of Genghis Khan’s Mongol Empire

Orkhon Valley, Mongolia (The seat of the Mongol Empire)

Hanqin Tian, Auburn University
Human and Nature Systems on Mongolia Plateau

Jiquan Chen, Michigan State University
Education: new Asian ecologists

An Asian lab of microbial ecologists
Dr. Tomin Sa, Chungbuk National University, S. Korea
Student Training

Scientific Writing Series
Starting in 2007

2012: Xian, China

Young Ecologist Forum

2014: Experimental Design
Kaifeng, China
Agroecology field trips to China

Genetic diversity of plant resistance to fungal pathogens
Zhejiang, China 2013

Insect biocontrol in organic systems
Yunnan, China, 2013
Outreach
Seahorse Diver Specialty Course in Thailand, 2014

Dr. Tse-Lynn Loh, Project Seahorse, Daniel P. Haerther Center for Conservation and Research
AES Outstanding Student Award

2012
Vanessa Hull
Michigan State

2013
Jiaqi Tan
Georgia Tech

AES Early Career Ecologist Award

2014
Lingli Liu
Chinese Acad. Sciences

2014
Xiaofeng Xu
U. of Texas El Paso
There is an increasing awareness of Ecology, but there are still many confusions.
Join us to understand the wonder of Asian ecosystems and their dynamics in a rapidly changing world