



**International Conference on Land Cover and Land Use Change
Processes in North East Asia Region, Harbin, Feb. 2 – 5, 2005**

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Conference Objectives

- Present the state-of-the-art knowledge on LCLUC processes, their root causes and consequences, modeling of most important processes, and examples of sustainable development in the region
- Improve our understanding of ecosystem dynamics, including boreal forests, woodlands, wetlands, and managed ecosystems
- Establish a regional network and identify major programs/projects of the region to foster collaborations among scientists in the region.

About the Conference

- More than 80 people participated
- From 6 countries: USA, Russia, Japan, France, Netherlands, and China
- Total 34 presentations
- A draft summary report under review

- **LAND-COVER AND LAND-USE DYNAMICS**
 - LCLUC
 - Fire regime
 - Socioeconomic and policy
 - Climate
 - Land degradation
 - Biodiversity
- **RESEARCH ADVANCES**
 - Optical and microwave synergistic methods
 - High spatial resolution, large-area forest-cover mapping
 - LCLUC patterns and processes
 - Improved estimation of ecosystem productivity
 - Advanced techniques for improved information extraction
 - Modeling LCLUC Dynamics
- **RESEARCH PROGRAMS AND PROJECTS OF THE NEAR**
 - Land-cover and land-use dynamics in China
 - NEESPI
 - China's plans in Earth observations in the coming 5-10 years.
 - China remote sensing activities and services
- **DATABASE AND REGIONAL NETWORKS**
 - Raw remote sensing images
 - Land-cover and land-use products
 - China Flux Towers
 - Asia Network for LCLUC
 - NERIN

Limitations

- Limited participation, need more representatives from other countries of the region
- Narrow focus; majority on forest changes
- Weak on socioeconomic component

Conclusion

- Good start on the Russian and Chinese collaboration in the NEESPI framework – Basis for regional network; other partners are expected to join in the near future
- Reasonable start for making inventory of data and projects of the region
- Ultimate goal: Integrate into NERIN



