Research Center for Remote Sensing and GIS

Beijing Normal University

2007/10/11

Background

- Beijing Normal University (BNU) was the earliest established teacher-training university in China, which founded in 1902.

- The Center for Remote Sensing and GIS at BNU has been established for more than 7 years. There are nearly twenty faculty and staff of our center and more than 100 Ph.D. and Master students.

Background

- Director: Prof. Li Xiaowen
- State Key Lab of Remote Sensing Science
  - With Institute of Remote Sensing, CAS

Research

- Research areas include mechanism for quantitative remote sensing information, multi-angle remote sensing, microwave remote sensing, remote sensing for the studies of meteorology, hydrology, ecology and global change, remote sensing and GIS development etc.

Research

- First 973 project on Remote Sensing
- theories of scale effects and scale transform
  - Li-Strahler GO model
- quantitative remote sensing inversion based on prior knowledge
- Synchronous *in-situ,* simulation experiments
- Application models between remote sensing and agriculture, ecology etc, are successfully linked
- Applications are performed in accurate agriculture, ecology construction of north-west China, etc.

Thanks!