

Vietnam Perspective Research Priority on Land and Forest Cover Monitoring



NGUYEN DINH DUONG
INSTITUTE OF GEOGRAPHY, VIETNAM
DO XUAN LAN
MARD, VIETNAM

Outline



- **Joint research proposal of VAST, MARD and MOST on land and forest cover monitoring of Vietnam**
- **Title of project: Development of near real time land and forest cover monitoring of Vietnam using the MODIS and Landsat data**
- **Project will be funded by the Government of Vietnam**
- **Scope: Vietnam and surrounding land area: Red river and Mekong river watershed**
- **Purpose: to monitor land and forest cover change and have better understanding and management of environment over Vietnam**

Research aims



- To get data from EROS data center: MODIS 32 day 500 m composites from 2001 until now; Landsat data over Vietnam.
- To develop land cover and forest cover maps and their changes over time.
- To develop systematically ground GPS photo database
- To develop GPS photos taken from UAV
- To formulate near real time forest inventory system
- To strengthen collaboration with NASA and LCLUC program