Report of International Conference

1. **Title:** Workshop on Ecosystem function and conservation of tropical forests

   Venue: Boarding room, Center for Global Environmental Research (CGER), National Institute of Environmental Studies, Tsukuba, Japan

   Date: August 12-13, 2008

   Sponsor: NIES-FRIM-UPM Joint Research Project on Tropical Forest Ecology and Biodiversity,

   Co-hosting: National Institute for Environmental Studies,

   The Center for Global Environmental Research (CGER)

   Forestry and Forest Products Research Institute

   Hiroshima University

   In Search of Sustainable Humanosphere in Asia and Africa
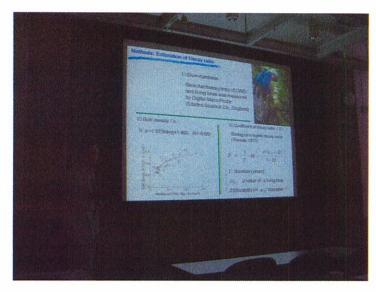
2. **Program** Attached

3. **Number of participants:** 30

4. **Report of conference:**

   The workshop consisted of three sessions subjects of which were 'carbon stocks and change', 'biodiversity, forest structure', 'landuse change and management, local community' and 'database and institutional networking'. First, roles of tropical rain forest in climate change were discussed based on continuous monitoring of CO_2 exchange between forest and the atmosphere in Peninsula Malaysia. The three-year monitoring result demonstrated that tropical rain forest was not a strong carbon sink, but delicate balance of photosynthesis and ecosystem respiration in dry and rainy seasons influences the uptake and emission of CO_2. Studies presented in the workshop including CO_2 exchange were mainly conducted in Pasoh Forest Reserve in Negeri Sembilan in Malaysia. Shuhaimi Mohd.Yusof of Forest Department of Negeri Sembilan introduced the outline of forest sector there. The presentation focused on the role of the department in controlling the sustainable forest management., and emphasized the important role in applying the Malaysian Criteria and Indicator for Forest Management Certification (MC & I). Because forest management in consideration of the carbon balance is strongly needed in tropical regions, the workshop confirmed the necessities continuous studies should be conducted in Pasoh Forest Reserve.

5. Proceedings   Booklet consisting of abstract is attached.

Presentation

Presentation

Discussion