

Summary of
Research Group Session 3:
Management (RG3)



1.Colonazation in Ufs (1910's-1964)

- Soon after its establishment, it was planned and operated at Ufs in Hokkaido region (held by Hokkaido Univ. and Utsunomiya)
- Takakuma forest held by Kagoshima Univ. also had colonized village inside of its forest
- Immigrate people into Ufs to lend them farmland, to earn money by labor (but obligatory)

- The policy of agricultural land reform (1949) made Ufs release their land to inhabitants, then local community within Ufs had got independent

Society: Local community inhabitants inside of Ufs
For them, Ufs were place of residence and subsistence activity

Sangsan Phumsathan (KU)

Tourism Development in Local Community: A Case Study of the Pha Wang Nam Khiao – Pha Khao Phu Luang Forest Reserve, Thailand

- Research objective is to develop sustainable tourism model which can satisfy people's livelihood and nature conservation
- Student training station, forest plantation site, and silvicultural research station are involved
- A prototype of tourism activities was developed based on investigation of potential resource for tourism and stakeholder's opinion
- Cost-benefit analysis revealed that the tourism tour at the nature reserve is sustainable and worthy enough

So-Hee Park (SNU)

Economic Value of Biodiversity Conservation in Korea

- To seek compensation system to cover the cost of biodiversity conservation, amount of 'Willingness to Pay' was estimated
- Meta analysis methods for previous studies were applied
- WTP for biodiversity conservation was estimated at around 37USD/household*year
- Most of existing budget of Korean government for nature conservation can be covered by WTP

Shing-Wang Liu (NTU)

Prospects for Community Forestry on the Experimental Forest of National Taiwan University

- Fifteen years projects at NTU Experimental Forests were introduced
- The objectives: public participation, community independence, and collaboration between NTU and local communities
- Joint survey on natural resources, training course for field survey had been provided by NTU at the first stage
- Regular joint patrol, training course for forest protection, developing guide map is conducted at the second stage

Julius Kodoh (UMS)

Contribution to the Livelihood of the Local Community in Sabah, Malaysia

- NTFPs collected by local inhabitants and its value were identified in Sabah
- Most of households sell NTFPs at market
- Major commercial products are medicinal plants, wild edible plants and wild edible fruits
- Over 20% of monthly income is gained from selling NTFPs in average.

Haruo Saito (UTokyo)

Relationship between University Forests and Society in Japan: A short history of expansion and individuation

- Outlook historical change by reviewing previous literature
- Local community inhabitants inside of Ufs between 1910s-1964
- Ufs as a provider of forest products until 1970s
- ... as a provider of workforce
- ... as a place for recreation or tourism after 1980s
- ... as a place to learn about forest and nature in 1990s
- ... as a place to realize or brush up specialties after 2000

Yuusuke Mizuuchi (UTokyo)

An Explore to the Forests on Ecohydrology Research Institute from the Perspective of Landscape Planning

- History of the relationship between ERI
- Nursery Re-using Planning Project
- Communicate with local community
- Existence of ERI itself shows history of seto pottery culture

Research group discussion

- Tourism
- Biodiversity conservation
 - wildlife fungi
 - Community forestry
 - local community vs. government
- Non-timber forest products management and contribution
- University income financial analysis
 - plan - futuro (present)
- ① history of university forest.
 - past
 - picture area facility
 - activity forest type
 - establishment ownership
 - management operation
 - forest worker
- Soil and water conservation
- Satoyama landscape planning
 - ERI
- Urban people new resident
- Retire
- climate change ◦ logging

Topics for discussion

- History of university forests (past): Picture, establishment
- Current situation (present): Area, forest type, ownership, activities, management, operations, forest workers, facilities, income (financial analysis)
- Challenges and plans (future)
- Ecosystem services: Tourism, biodiversity conservation, wildlife, fungi, non-timber forest products, soil and water conservation
 - Climate change, logging (impact of human intervention)
- Community forestry: local people vs. government, New residents (urban and retired people)
- Satoyama landscape planning

Tentative plan for publication

- Tentative title: “University forests in Asia: history, current states, and prospects in future”
- Possibly to be published as chapter(s) in the JSPS-C2C Book
- Editorial team:
 - Dr. Haruo Saito (UTokyo, chief)
 - Dr. Dennis Liu (NTU)
 - Ms. So-Hee Park (SNU)
 - Dr. Pasuta Sunthornhao (KU)
 - Mr. Julius bin Kodou (UMS)