

Research Activities in FNNR

Shuang Yang

Research Questions

- What are the drivers of local farmers' decision making (in terms of local livelihoods and demography dynamics, and particularly out-migration) regarding GTGP enrollment?
- What are the feedbacks among human activities, GTGP, and the environment in FNNR?

Fieldwork in FNNR

- 2013 Participatory mapping survey
- 2013 Vegetation survey
- 2014 Household survey
- 2014 Participatory mapping survey
- 2015 Focus group survey
- 2015 Resettlement survey
- 2015 Participatory mapping survey
- 2015 Household survey

2014 – Stakeholder household survey

- Two-level stratified random sampling
- Sample size:
 - 750 households
 - 50 natural villages (2 are outside of the reserve)
 - 20 administrative villages
- A total of 605 households surveyed
- Data collected: livelihoods, migration, GTGP participation



2015 – Stakeholder household survey

- Re-visited the households surveyed in 2014
- 464 households surveyed
- Data focus on: land use, farming activities, forest conservation
- Data entry/ checking/cleaning in progress



Future publications

- A migration paper: identify determinants of out-migration for households during their lifecycles, and specifically the influences of GTGP within the context of local livelihoods. (household survey, multilevel analysis)
- A agent-based modelling paper: simulate human decision making and predict future Land use changes .
(household survey, Python)