Nature and Livelihoods’ Current and Planned Activities in Agricultural Landscapes: Parklands, Pasturelands, Paddy Rice Fields, and Coffee Gardens

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Our Satoyama Approach

1. Identify landscapes (SEPLs + Others) – research and consultation
2. Identify threats / challenges and opportunities – research and consultation
3. Define relevant actions – research and consultation
4. Conduct targeted / action research - research
5. Implement actions – e.g. share by publishing; conduct biodiversity enhancement activities on the ground
Applying the Approach to Agricultural SEPLs – the case of Eastern Uganda

Our current focus for agricultural SEPLs is Eastern Uganda and this is based on the understanding that the region has poor protected area coverage compared to other regions of the country, i.e. is based on urgency.
Step 1: SEPL Identification

• Selection of SEPL types based on the consideration of whether or not biodiversity conservation is integrated into agricultural activities or has potential to be so through sustainable use (Existing SEPLs = Integrated; Potential SEPLs = Potential to be integrated)

• Agricultural SEPL types identified:
  – Parklands (Existing)
  – Pasturelands (Existing)
  – Paddy Rice Fields (Potential)
  – Coffee Gardens (Potential)
Step 2. Analyzing challenges / threats and opportunities
Pasturelands
Paddy Rice Fields
Step 3: Defining relevant actions

- Using literature, experience, stakeholder consultations to prescribe actions for each threat, challenge, and opportunity
- E.g. for parklands and pasturelands - one of the actions defined to reduce tree cutting and mindless agricultural clearing is to reinforce the opportunity provided by wild foods (e.g. edible fruits, edible insects, wild mushrooms, tubers & corms, etc.)
Step 4: Conducting Targeted Research: e.g. The Wild Fruit Project

- Building on the opportunity provided by edible wild fruit
- Funded by SDM
- Involving 10 fruit types
- Nutritional analyses & processing trials
- Fruits rich in essential minerals and Vitamin C
- Potential for Jam, Juice or Wine products
Step 5: Implementing actions

- Actions on the ground for biodiversity enhancement; sharing to provide policy support or promote upscaling
  - Based on steps 1-3; drylands paper submitted to IPSI
  - Based on steps 1-4; natural vegetation enhancement programs supported by findings from nutritional analysis and product formulation (to be conducted; needs to be supported by further action research e.g. on how to increase fruit yields and shorten growth cycles)
THANK YOU