
Community Forest
Rehabilitation -
Adaptation Effects

KjuonGo

- Sustainable Charcoal Production in Cambodia
- 2 year project financed by the Nordic Climate Facility
- 2 local partners:
  - Khmer Green Charcoal that brings the charcoal to market
  - GERES that organizes the value chain
- UNEP DTU Partnership which is the main applicant and amongst others responsible for analysing the adaptation effects of rehabilitated community forestry

UNEP DTU PARTNERSHIP

DTU Management
Department of Technology, Management and Economics

Problem:

- Forests in Cambodia are degrading. Illegal logging for charcoal production is one among several reasons.
- Some degraded forests have been allocated to local communities as Community Forests, but few see much value in them and put little effort in upgrading them.
- Rains and floods are increasing. Villages are exposed. Well-managed community forests may mitigate part of the damage offering some protection from the floods.

Analysis:

- of soil properties of 1) degraded community forests; 2) plantation with Acacia, and 3) diverse plantation must be performed. Based on already existing forest
- on-site (in Cambodia, Corona permitting) soil sample taking and general evaluation of the properties of the land on 4-6 sites
- lab analysis - facilities to be identified in Cambodia (or in Denmark if sample export is allowed)

Evaluation:

- of soil properties specifically with respect to absorption capacity for excessive precipitation
- Estimates of other potential benefits, including
  - biodiversity
  - productivity
  - job creation
  - economic benefits

Resources:

- Post-doc Lindy Charlery, Senior researchers Henry Neufelt and Søren Lütken
- Financing for 1 or 2 (in case of two students) travels to Cambodia

Deadline for delivery:

- October 2021