

Testing Social-ecological Resilience Indicators

A collaborative IPSI research activity

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Testing sites

- UNESCO's Man and the Biosphere reserves in Cuba
- Kitui landscape in Kenya
- Kandyan home gardens in Sri Lanka
- Meghalaya's indigenous production systems in India
- Andean mountain landscape Bolivia



Man and the Biosphere Reserves in Cuba

Bio-cultural landscapes that surround and buffer protected areas



Production systems mimicking the structure of surrounding ecosystems



Photographs F. van Oudenhoven

Kitui Landscape in Kenya

Landscape mosaic with high landrace diversity



Main issues arising from the testing

- Organizing community consultations
- Common understanding of ecological terms and processes
- Understanding local perceptions of landscapes, rules and common property regimes
- Understanding resilience in community , ecological terms and examples of recovery & resilience

Social-ecological resilience indicators

Indicators serve as a guide for understanding and strengthening resilience in SEPLs through measuring interrelated practices and institutions in four areas:

- ecosystems protection and the maintenance of biodiversity,
- agricultural biodiversity,
- knowledge, learning and innovation,
- social equity and infrastructure.