

Thursday, December 2, 2010

Workshop related to session 1

16:00 - 18:00

[Parallel Workshop](#) related to Plenary sessions 1

Workshop
Ecosystem services and improved livelihood

Chairs:

- **Thomas Jahn** and **Alexandra Lux**, *Institute for Social-Ecological Research (ISOE), Frankfurt/Main, Germany*

Aim of this workshop is to discuss the relevance of sustainable natural resource management for improving livelihood of local people, e.g. in terms of reduce poverty, improve health and maintain nutrition. The workshop captures the question how ecosystem services can sustain livelihood and thus touches several goals of the UN Millennium Declaration.

Ecosystem services, the benefits ecosystems provide for societies, have an important linking role between the use of natural resources, changes in biodiversity and assuring livelihood. Provision of water, food, grazing or arable land and energy is depending on ecosystem functions; regulating and supporting services of the ecosystems are essential. And vice versa, the use of these resources may impact ecosystem functions and biodiversity. Balancing provision and usage is the salient point for sustaining ecosystems, their functions and services for improving livelihood.

With three initial inputs, aspects of integrated water and land management, biodiversity management and food policy should be highlighted. Guiding questions for the workshop discussion are:

- a) What do we know about the main drivers improving livelihood?
- b) What research is needed to improve local action on the spot?

Oral presentation 1: **Integrated rangeland management in drylands: Linking the functional diversity of natural resources to livelihood security**

[Anja Linstädter](#), *Botanical Institute of the University Cologne, Germany*

Oral presentation 2: **Integrated Water and Land Management: Sustaining Ecosystem Functions and Services for Improved Livelihood**

[Thomas Kluge](#), *Institute for Social-Ecological Research, Frankfurt/Main, Germany*