

IPROMO 2013

Putting the pieces together
Key lessons from the course



Food and Agriculture
Organization of the
United Nations



IPROMO

PROGRAMMA INTERNAZIONALE DI FORMAZIONE
SULLA GESTIONE SOSTENIBILE DELLE REGIONI MONTANE

Programme International de Recherche et Formation sur la Gestion Durable des Regions de Montagne
International Programme on Research and Training on Sustainable Management of Mountain Areas

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Scuola internazionale per la Montagna

International training school for mountain-Educational Centre of Ormea

Participants from 28 different countries



July 12 – 22, 2013 Ormea, Italy





IPROMO

12-23 July 2013 – Ormea (Italy)

Understanding Upland Watershed Management

Thomas Hofer

Overview and setting the stage for integrated watershed management

Paul Dargusch & Adrian Ward

Carbon Market mechanisms

Hans Scheier

In depth instructions on watershed management & learning resources

Bert de Bieve

WM lessons learned in the Andes of South America

Karl Rainer

Experiences of SudTyrol with community learning 7 focused interventions

Renzo Motta

Tanero Valley on the only rainy day we had (tradition)

Eleonora Bonifacio

Soils & Watershed Management & Water Quality

Florence Egal

Food Security and Nutrition in uplands

All of you.....

We listened politely.....



We introduced our experiences...



We worked in small groups....



And from Thomas Hofer we learned.....

- Definitions & general background on watersheds
- 12 principles of “new generation” watershed mgmt.
- Watershed Impacts:
 - Disasters
 - Climate Change
 - Urbanization & population pressures
 - Economic realities – mining, agriculture conversions, etc.
- Example of Pakistan – Bangladesh flooding

Dargush & Ward contributed....

- Valuation of Carbon (Black, Green & Blue)
- Concept & significance of “White” carbon
- Carbon trading schemes
- Carbon trading simulation game.

Scheier contributed....

- Integrated Watershed Management

<http://wmc.landfood.ubc.ca/webapp/IWM>

ID: iwm Password: sediment

- Agricultural Watershed Management

<http://wmc.landfood.ubc.ca/webapp/AWM>

ID: awm Password: soilwater

- Virtual Water

<http://wmc.landfood.ubc.ca/webapp/VWM>

No ID and Password

de Bieve contributed....

- Introduction to the tropical Andes, especially páramo.
- Human intervention that affect soils directly have high impact on hydrology and are irreversible while interventions that affect vegetation can have high impact but may be reversible.
- Benefit Sharing Mechanisms (BSM) as a generalization of the concept of paying for ecosystem services (PES).
- Suggested the utility of working on small watersheds, using paired designs and gathering on-site data.
- Expressed some thoughts about modeling and its utility.

Rainer contributed.....



Motta contributed....



Bonifacio Contributions



Egal contributions.....



Uganda Working group...



Pakistan Working group...



Afghanistan Working group...



Jamaica Working group...



International football...



One effect of IPROMO?



policy issues

- Policy and legal reforms to recognize the multiple roles of WM in sustainable development & create an inter-sectorial framework for implementation.
- Role of WM in integrating sustainable development principles into country policies.
- WM policies to be designed in the framework of national poverty reduction and rural development strategies.
- Harmonization of WM policies across administrative levels.
- Water as the core focus of WM policies.

knowledge management and science

- Use **good science** and **local knowledge** for policy formulation, not myths or common wisdom.
- Action and adaptation research to accompany WM programs and implementation of WM policies.
- Enhanced communication between scientists, policy-makers and practitioners.
- Importance of pilot activities, testing of new approaches and concepts.
- Development of indicators and appropriate information systems.
- Need for comparable, harmonized baseline information.
- Sharing of information and data!
- Improve understanding of scale issues!

institutional issues

- Enhance institutional mechanisms for watershed management at different levels (WM committees, authorities, interest groups, etc.)
- Strengthen watershed authorities with legislative, judiciary and executive branches.
- Watershed committees and scale issues!
- Creation of mechanisms for long-term financing of WM processes.

capacity building issues

- Strengthen capacity building and awareness-raising at all levels.
- Curricula development, revision of existing curricula.
- Importance of practical training; use of pilot and demonstration sites.
- Visual evidence, raising public awareness.

Water is an increasingly scarce and threatened common good which is getting more and more attention!

