



Personal presentation

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Wetlands Project

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IPROMO

*Environmental and economic issues
to enhance mountain sustainability*
Ormea – Pieve Tesino 5-19 July 2017

Education

- Lic. in Geography – UCR
- M.Sc. In Integrated Watershed Management – CATIE
- Development Practice Sp. - CATIE

Employment and main activities

- Environmental sector
- INBio, CATIE, CDT (Perú), FAO-MAE (Ecuador), UNDP-MINAE-SINAC
- Water issues, community aqueducts, associativity, training
- Land management, risks and disasters assessment.

Interests





- MO: Improve the management in 9 of Costa Rica's Ramsar sites for a better conservation, sustainable use and keep the ecosystem services of them.
- O1: Improve management: 20% in the different sites, using SINAC and UNDP methodologies
- O2: Develop new resources for a sustainable management on growing and diverse Ramsar sites.



National Wetlands Inventory

Only product outside the Ramsar sites, all wetlands of CR*

- Before the field (collecting shapefiles and information, planning, soil course, coordinate with CAs)
- On the field (visits, fill form, photo, soil, draw)
- After the field (complete databases, correct information, analysis, final products and publications)

2.729 wetland units
 5.171,31Has
 83.22% Swamp, peat
 15.55% Lakes
 1.22% Estuary (no mangroves)

National Wetlands Inventory

Previous information showed very little and not-specific information about mountain wetlands in CR

- Montane – Peatlands (oaks)
- Andean Paramo – Intermittent lakes -
- 4 months identifying and characterizing high andean wetlands
- Almost 1.000 on ChNP (3.820 masl)
- 1.500+ on the Talamanca range
- Basic for community and municipal aqueducts (springs), hydro power and water cycle regulation (2 watersheds)
- Affected by climate alterations, carbon pools (soil)
- People live from agriculture, industry and services (tourism)