

Water management in banana growing areas in Nicaragua and Dominican Republic

NICARAGUA, COSTA RICA, FRANCE, DOMINICAN REPUBLIC



Webstory



Technological solution

Territorial dialogue platforms that use the ComMod (Companion Modeling) program and role play to process data and develop models and diagnoses on access and use of water and the trade-offs between water resources, crops, climate and populations under different climatic scenarios, linking local social and ecological systems.



Technological description

Participatory process in banana communities aimed at analyzing conflicts of use and water management and adaptation to climate change. Conducted by UNAN-León Nicaragua, IDIAF-Dominican Republic, farmers, Bioversity International, the CGIAR Humidtropics program and the French consultancy Lisode (Lien Social et Décision).



Impacts and results

- Participants (249) in the workshops discussed the relationship of agriculture with other water users and 97% understood the mutual needs, which facilitated decision making.
- 109 innovations were identified and 29 were included in work plans to improve knowledge and raise public awareness about water problems, formalize access and use rules and sanctions, and innovate agricultural practices to reduce pressure on the resource.
- The impacts will respond to the dissemination of territorial dialogue platforms.



378

workshop participants



2

territorial dialogue platforms installed



109

proposals identified



29

innovations included in work plans

MAIN DONORS



PARTICIPATING ORGANIZATIONS

