| Name | Ecosystem-based Adaptation for Smallholder Subsistence and Coffee | | | |
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| | Farming Communities in Central America | | | |
| Region | Central America | Country | Honduras, Guatemala and Costa Rica | |
| Ecosystem | | | | |
| Nature of approach | Assessment of the vulnerability of smallholder farmers, Identification of EbA strategies for smallholder farmers, Test of the effectiveness of EbA strategies, Development of targeted training courses and extension materials, Improvement in the capacity of key local and national organizations and institutions that could promote EbA among vulnerable smallholder farmers, Promotion of approaches in national and regional adaptation strategies. | | | |
| Description of approach | Objective: To help vulnerable smallholder farmers adapt to climate change by identifying and testing Ecosystem-based Adaptation strategies that can help farmers, and building local capacity to support the implementation of these strategies in smallholder farming communities. | | | |
| | Expected outcome: Ecosystem-based Adaptation strategies are in place, implemented by farmers in critically vulnerable communities through the effective use of extension services, and leveraged into national policies in the three target countries. | | | |
| | Actions:To understand the vulnerability of Central American ecosystems and smallholder farmers (both subsistence and coffee) to climate change.To identify which smallholder (both subsistence and coffee) farming communities, ecosystems and ecosystem services in the target countries are most vulnerable to climate change.To document household livelihood strategies used to cope with past climatic variability and local knowledge about expected impacts of climate change across a range of different smallholder communities. | | | |
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| | To test the effectiveness of existing on-farm activities that are relevant EbA in a subset of communities by collecting detailed information on the characteristics, management, and implementation of those activities, are their performance in the face of climate change. | | | |
| | To identify the local and national institutions (both formal and informal) that could promote EbA approaches among vulnerable smallholder farming communities and define strategies for strengthening their role in promoting EbA and smallholder resilience to climate change. To strengthen capacity of key organizations and institutions to support | | | |
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| Type of organisation | NGO, Research Institution | Name of organisation | Conservation International (CI) & Tropical Agriculture Research and Higher Education Center (CATIE) |
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