

Tropical Natural Resources Technology Consortium (TTC)

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Tropical Conditions Affecting Resource Management

- Diverse production systems
- Highest number of endangered species
- Highest diversity of minority groups
- Highest rainfall erosion potential
- Agricultural operations on steep slopes
- Small "flashy" watersheds
- Fragile stream, coastal and coral reef ecosystems



Why new technologies?

- Practices and technologies from temperate regions are frequently not adapted to the tropics
- Conservation information is not available on new crops, alternative management strategies and local production systems
- Quality criteria, guidelines, standards and specifications often not available or consistent across the U.S. affiliated tropics

VISION

Sustainable tropical land use based on sound science

MISSION

To help people in tropical regions to enhance and maintain the quality of their natural resources

GUIDING PRINCIPLES

Disseminate scientific information that fosters the practice and policy of managing tropical land resources in a sustainable manner

Collaborate with national and international partners

TTC Objectives

- Provide user needed, user friendly, science based, locally appropriate conservation related information and technologies to NRCS and partners
- Collect, analyze and transfer tropical natural resource management and conservation information
- Train resource professionals in the use and dissemination of appropriate conservation tools and technologies

TTC Priority Issues

Water Quality



Soil Quality and Land Degradation



Human Dimensions of Natural Resource Management



TTC Strategies

Technology identification, assessment, validation, adaptation and development

- Identify resource management problems and technology needs
- Evaluate and adapt existing technologies
- Identify and evaluate local management strategies

Information collection, synthesis and exchange

- Synthesize and diffuse information in a variety of forms tailored for a wide range of audiences
- Ensure consistency of NRCS standards, specifications and quality criteria across the U.S. affiliated tropics

Outreach and Education

- Develop and implement education and outreach activities
- Work collaboratively with national and international partners to share tropical conservation information

