

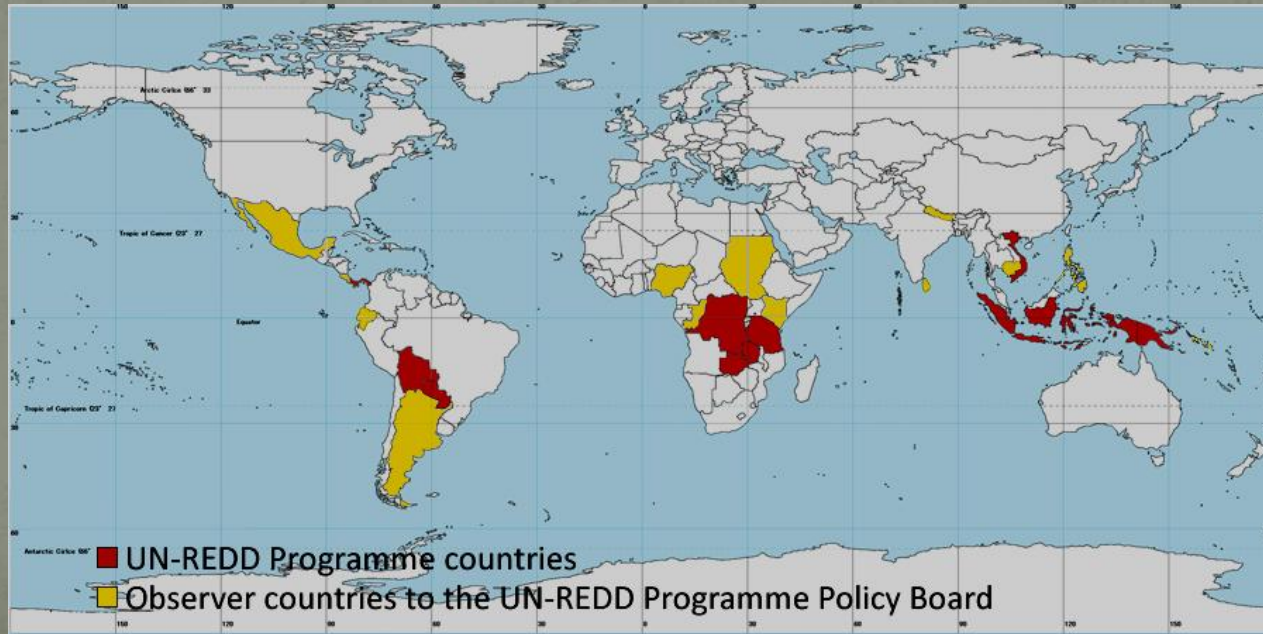
Collaboration with Mexico to Reduce Deforestation and Forest Degradation

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NRS, Newtown Square PA

FFACCTs virtual conference, Oct.1, 2010

Context

- REDD/REDD+
 - Different tiers
 - Mexico pilot country
- NACP
- Collaboration
 - International Programs
 - US AID



SLEF Carbon Mensuration Workshop

- Week-long workshop titled “Intensive Landscape-scale Measurements of Forest Carbon for Reference Sites in the Americas”
- September 13-17, 2010.
- Scientists and foresters from the Northern, Southern, and Pacific Northwest Research Stations of the U.S. Forest Service,
- Participants included 21 researchers and analysts from Mexico (12) and other countries in Latin America – Brazil (4), Honduras, Guyana, Peru, Colombia, and Argentina.



Participants at Silas Little

SLEF workshop

- Objectives were:
 - (1) Learn how to establish and implement a forest carbon monitoring program at a network of intensive landscape-scale research sites, and develop parameter estimates for forest dynamic models and ecosystem service analyses.
 - (2) Develop a proposal for an American Hemisphere network of forest carbon monitoring reference or verification sites, including landscape-scale sampling designs, measurement protocols, and integration with remote sensing and models.



SLEF workshop

Field demonstrations
and hands on learning



Classroom work on
WaSSI, statistics, etc.



SLEF workshop outcomes

- The workshop web site (www.fs.fed.us/ccrc/forestcarboncourse) will be maintained
- Feedback on strengths and weaknesses of the agenda and presentations
- Identified a need to support data management for forest inventories
- Develop a full proposal for establishing a network of reference sites for the Americas



Forest carbon monitoring in Mexico



- Fact-finding trip
- Met with government officials and researchers
- With person from IP wrote a proposal to US AID mission in Mexico



Communal forest in Hidalgo

Forest carbon monitoring in Mexico

- US AID approved for FY2011 \$500,000 to:
 - Implement two, tier 3 monitoring and reporting demonstrator sites
 - Biomass equation development workshops
 - RS imagery processing workshops
- IP will be involved in other C related projects in which we'll have some input

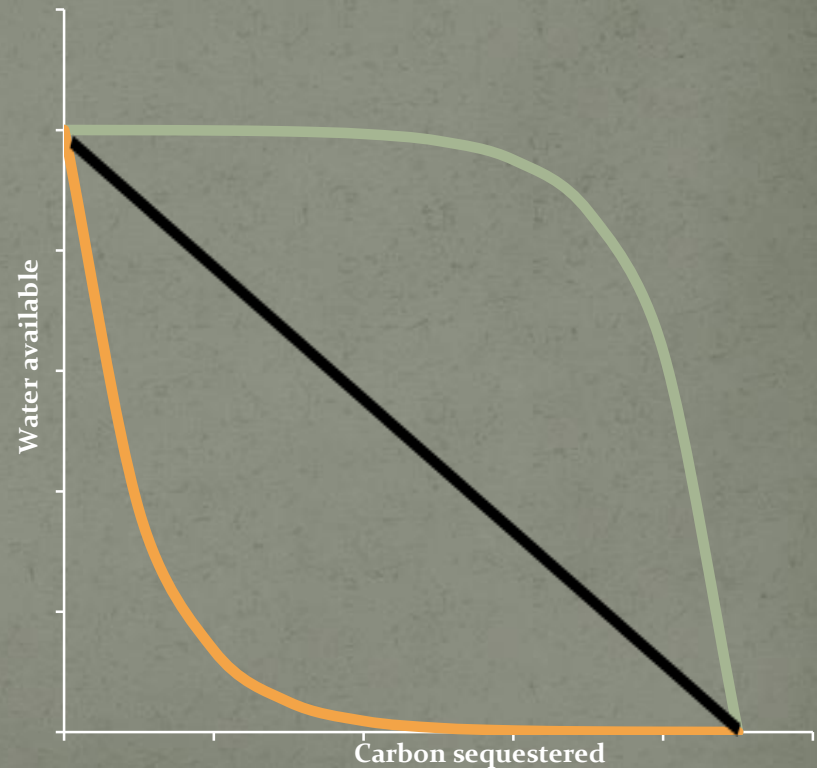


Carbon, water and management

NASA NACP proposal

- Inform C sequestration activities – Can there be too much carbon on the landscape?
- Examine trade-offs
- 2 U.S. sites and 1 site in Mexico
- Add a ‘human element’ to the research

Carbon sequestration and water availability tradeoff curves.



Summary

- SLEF workshop on carbon mensuration
 - 21 participants from 7 countries
 - First step in creating a network of forest C monitoring sites in the American hemisphere
- Working with NRS, SRS and Mexican researchers to examine trade-offs required for C sequestration
- Carbon monitoring in Mexico
 - \$500,000 for FY2011
 - create 2 intensive C monitoring sites with flux towers, intensive plots, LIDAR imagery
 - Travel funding
 - Workshop funds

*Photos by Rich Birdsey, Michael Furniss