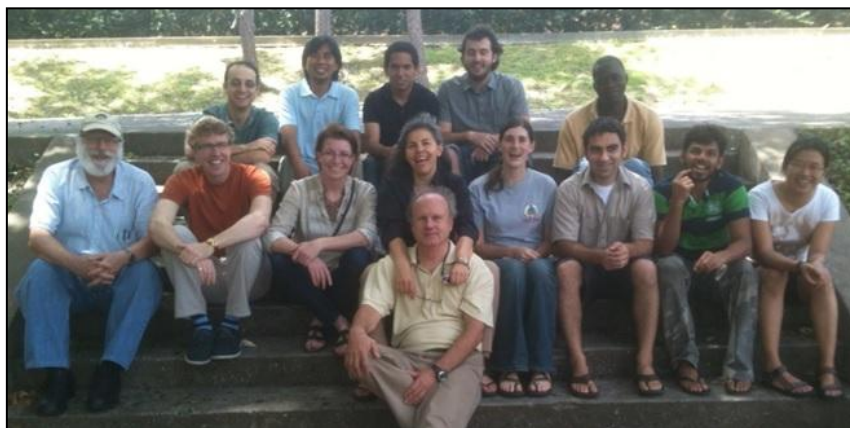**2013 TCD Working Group Grant Summary Report**

UF REDD+ and Climate Change Adaptation Working Group Workshop: *Using Agent-Based Models to Design REDD+ Policies*
By Michael Bauman, Anand Roopsind, Ruslandi and Thales West, UF Biology Department & TCD

 The REDD+ Policy Working Group pushed ahead spring and summer 2013 in exploring the application of agent-based models (ABMs) as a method to project forest cover change scenarios and a tool for policymakers to design appropriate interventions. Bringing together experience and discussions from throughout the year, we sought to redesign a small-scale deforestation model of the Bolivian Amazon so that its drivers of forest cover change could be tested for projecting scenarios of small-scale forest recovery in the tropical dry forests of Panama. In late April, we hosted a two-day workshop *"Using Agent-Based Models to Design REDD+ Policies"* that allowed us to critique our model's assumptions and projections and construct a set of three conceptual diagrams with each representing a separate forest cover change process: deforestation, forest degradation, and forest recovery. With support from TCD's Working Group Grant, the Florida Climate Institute, and UF's Department of Biology, the workshop brought together a dedicated group of sixteen UF faculty and students as well as specialists Lykke Andersen, from The Institute for Advanced Development Studies in Bolivia (INESAD), and Dan Brown, from the University of Michigan. As we move forward into fall semester, we will focus on the forest degradation conceptual diagram in the context of REDD+ policies and begin constructing our own ABM over the coming year. A summary of our work and outcomes from the workshop were presented as a poster *("Projecting the future of REDD+ Landscapes through Agent-Based Modeling: Workshop Results")* at the annual meeting of the Association of Tropical Biology and Conservation in San José, Costa Rica.

The University of Florida REDD+ Working Group and invited specialists during the two-day agent-based model workshop**.** From left to right, top to bottom*:* Michael Bauman, Ruslandi, Sebastian Palmas-Perez, Thales West, Germain Mavah, Wendell Cropper, Dan Brown, Lykke Andersen, Claudia Romero, Sarah Graves, Sami Walid Rifai, Anand Roopsind, Indah Bong, and Francis E. Putz. *Not pictured:* Simone Athayde, Stephanie Bohlman, and Trevor Caughlin.