



Sustainable Agriculture and Natural Resource Management Collaborative Research Support Program

SANREM CRSP
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Trip Report: Bolivia and Peru

18 October – 16 November 2007

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Purpose of Trip:

- (1) To coordinate and plan LTRA-4 research activities in Peru and Bolivia; and
- (2) to develop contacts with potential partners and new collaborators (National Program of Climate Change, Ministry of Planning for Development; the National Meteorological and Hydrological Service of Bolivia (SENAMHI)).

Sites Visited:

Lima Peru: Instituto de la Pequeña Producción Sostenible (IPPS), Universidad Nacional Agraria La Molina (UNALM), and International Potato Center (CIP);

La Paz Bolivia: Universidad Mayor de San Andrés, Universidad de la Cordillera, Fundación PROINPA, National Service of Meteorology and Hydrology (SENAMHI), and National Program of Climate Change (PNCC), in La Paz, Bolivia.

Description of Activities:

1. Met with EEP member Robyn Burnham at CIP and UNALM, and talked about the strengths of these institutions and their contributions to LTRA4.
2. A coordination plan was agreed to with UNALM. Dr. Fernandez Baca will lead research on advocacy coalitions, and be responsible for a majority of SANREM CRSP activities. Pedro Córdor continues as the on-site coordinator in Puno; Dr. Silvana Vargas will support activities in Lima. Sra. Nancy Enciso, IPPS administration coordinator, is the point of contact to channel communications with the Peru team.
3. Soils research - One student will focus his thesis research on soils. Prof. Sady García (UNALM) is joining the team as advisor of the thesis research.
4. A new research activity was added to our workplans in year 3, landscape research. To initiate this, Edith Fernandez Baca, Roberto Quiroz, Percy Zorogastua, and C. Valdivia met in Peru to coordinate activities for Puno. Valdivia delivered the GPS unit to UNALM. Percy Zorogastua, faculty at UNALM and CIP researcher, will be training researchers in Puno, and will be a thesis committee member for SANREM IPPS Innovation student Clovis Baylón, working on soils and maps. We held a conference call

from Lima with C. Heatwole. Valdivia also met in La Paz with Fredy Navia and Jorge Cusicanqui to coordinate activities for Umala and Ancoraimes, and training needs for Navia and two students, Mirco Peñaranda and Justina Condori with J. Cusicanqui.

5. Two planning meetings were held with the Bolivia team to develop the protocol to share research findings with community groups in a way that bridges local with new knowledge. This was facilitated at UMSA, with Dr. E. Jimenez, J. Cusicanqui and M.A. Gonzales, with Olga Yana and Edwin Yucra, and each of the investigators.
6. E. Jimenez and C. Valdivia worked on the article on livelihood strategies and risk for publication by the journal published by CIDES UMSA.
7. Met with E. Carrasco about PROINPA activities in year 3, and personnel.
8. Valdivia participated in the launching of the Adaptation Mechanism that sets policy on Climate Change for Bolivia.

Suggestions and Recommendations (as appropriate):

1. The team in Bolivia will continue to meet to develop a plan that reduces the amount of time in participatory activities required from farmers, and at the same time returns the new information from research, in the context of the information gathered from farmer groups in the participatory assessments of vulnerabilities, and the survey results.
2. The Peru team will coordinate with P. Zorogatua training and landscape activities in Peru.
3. In order to proceed with the landscape research activities, we need satellite imagery for all four sites. During year 3 in-depth analysis will be carried out in Ancoraimes. Participatory evaluation of vulnerabilities with maps will be carried out all sites if the high resolution imagery can be obtained. We depend on VT through Conrad Heatwole to obtain the images for this analysis. For the pastoral areas June images (C. Heatwole) are a possibility, though it would be preferable to obtain images that cover wet (November – April) and dry (July-September) seasons) periods to observe changes in landscape. In Umala, selection of the areas will permit analysis of the effect of dairy market development on land use patterns in four communities representing two distinct landscapes.
4. Valdivia participated in the launching of the Adaptation Mechanism, the government policy document on Climate Change Adaptation for Bolivia. Ivar Arana, head of this initiative, invited me to participate, and we have agreed to a meeting to discuss LTRA4 research program and how the research products can be useful in the adaptation strategies and policies for rural communities by the government of Bolivia. We agreed to a meeting with SENAMHI and PNCC in 2008, to share our results on climate change projections, and identify areas of training and collaborative research with these government organizations as part of our effort to upscale our program.
5. It was agreed that Jorge Cusicanqui would be the site coordinator in Bolivia for year 3.

List of Contacts Made:

Name	Title/Organization	Contact Info (address, phone, email)
Roberto Quiroz	Leader Production Systems and Environment Centro	r.quiroz@CGIAR.ORG

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