



Sustainable Agriculture and Natural Resource Management Collaborative Research Support Program

SANREM CRSP
Office of International Research, Education, and Development
Virginia Tech (0378)
840 University City Blvd., Suite 5&7
Blacksburg, Virginia 24061

Phone: (540) 231-1230
Fax: (540) 231-1402
sanrem@vt.edu
www.oired.vt.edu/sanremcrsp

Trip Report: Peru and Bolivia Adapting to Change in the Andean Highlands 22 April 2006 to 12 May 2006

Names of Travelers:

Corinne Valdivia, University of Missouri Columbia MU April 22- May 12, 2006
Jere L. Gilles, MU April 21 – May 1 2006
Peter Motavalli, MU April 22 – April 30 2006
Karen Garrett, Kansas State University April 22 – April 30 2006
Cornelia Flora, Iowa State University April 24 – April 30 2006
Anji Seth, University of Connecticut April 24 – April 29 2006
Roberto Quiroz, International Potato Center Lima Peru April 23 – May 4 2006
Cecilia Turín, Universidad Nacional Agraria La Molina, Peru April 23 – April 30 2006
Silvana Vargas, UNALM Peru April 23 – April 30 2006

Purpose of Trip:

1. First annual meeting of the research team in Bolivia Peru and the US to plan field research activities and integrate research methodologies for working in rural communities.
2. Establish contact with institutions that are conducting research and policy on vulnerability, food insecurity, climate change, and biodiversity.
3. Visit with USAID Missions, and programs related to food security and market integration in Bolivia and Peru.
4. Meet with institutional representatives of each of the collaborating institutions to address questions, concerns and review together the policies and procedures for this project.

Sites Visited: La Paz Bolivia; Batallas Bolivia; Lima Peru

Description of activities, technical observations made, progress in meeting objectives:

1. The research team met as a group to decide the following issues regarding regional inter-institutional coordination:
 - RAC includes all co-principal investigators from host countries, the US institutions, and CIP. RAC agrees to research plans, and reviews and approves work plans and budgets.
 - Bolivia, having three institutions has a country coordination committee and elects a chair. This year the chair is Dr. Elizabeth Jimenez from Universidad de la Cordillera.

- The leader represents the team in communications with stakeholders and other institutions, facilitates meetings, and coordination of the research group. The team will meet bi-weekly during the next two months.
- Procedures and responsibilities are defined at the annual participatory planning and review workshop. Consensus through email will be sought if/when there is need to revise agreements.
 - The project has a Stakeholder and Review/Research Advisory Group. Members are institutions working in food security, climate change, and market access in Altiplano communities. It will include NGOs, public institutions, and farmer organizations.
 - Information will be shared through V-LAB hosted by CIP, as it provides a vehicle for sharing and discussion of documents and research activities.
2. The participants appreciate the organization by Universidad de la Cordillera with the planning team of PROINPA UMSA and UC, and the facilitating skills of the Peruvian scientists from La Molina.
 3. Matrices of activities, objectives, what to measure and methods were constructed to discuss integration at different levels of analysis: farm, household, communities, and regions for climate, soils, pests and diseases, and biodiversity research, in the context of the socioeconomic units of analysis. KASAP has been proposed as our approach in TOPS; UNALM is taking the lead.
 4. Integration of teams and timing of field research activities were outlined, as well as responsibilities and procedures for each site.
 5. A general strategy for assessing needs and site identification in Apolobamba was developed.
 6. The process of identifying students has begun.
 7. Collaboration was discussed and viewed as optimal between CIP and SANREM project due to their on going project ALTAGRO, a development initiative in the Altiplano of Peru and Bolivia. SANREM-CIP common areas of interest and therefore collaboration include: a. baseline+M&E - The KASAP and Livelihood Strategies methodologies. SANREM could benefit from CIP's tools and methods, and their investment in the Altiplano. b. Climate Vulnerability - a common concern in modeling climate variability at global and local through downscaling to model future scenarios. c. Link with other programs - SANREM links with the WFP and the UNDP in Bolivia are also shared by CIP creating possibilities to enhance impact.
 8. Title II USAID Bolivia: agreed to further contact and sharing of vulnerability evaluation methodologies, such as food security indicators, assessment of wellbeing.
 9. Need to follow up with USAID Bolivia Biodiversity initiatives in order to integrate in our activities in Apolobamba which will begin in August-September.
 10. USAID Peru: Agreed to share information about our and other SANREM projects. We will continue to communicate.
 11. UNDP Bolivia will coordinate a GEF funded project in communities of the Altiplano, and looks forward to coordination with our project. We will develop strategy for collaboration.
 12. WFP Bolivia vulnerability assessment unit (Carmen Barragan) and our project will collaborate in research of their data bases, which allows our project and UNDP testing hypothesis to livelihoods, capitals and vulnerability, in a larger region.

13. We will follow up with the Climate Change Program of the Government of Bolivia, and initiate contacts with the program in Peru.

List of Contacts Made:

Name	Title/Organization	Contact Info (address, phone, email)
Angel Vasquez	USAID Bolivia, Food Security Title II	anvasquez@usaid.gov 104 9th St. Obrajes La Paz Bolivia 2786358
Alan Hurdus	USAID Bolivia, Chief Food Security Unit	alhurdus@usaid.gov 104 9 th St. Obrajes, La Paz, Bolivia 278 6359 / 715 67159
Margarita Clark	Save the Children Sub Directora Seguridad Alimentaria	mclark@savechildren.org.bo Calle Heroes del Acre No 1725 La Paz Bolivia 2481615 / 71558555
Victor Cortez	Save the Children Gerente Programa de Salud Alimentaria	vcortez@savechildren.org.bo Heroes del Acre 1725 San Pedro La Paz Bolivia 2481606
Williams Zavaleta	Save the Children Manejo de Recursos Naturales y Generación de Ingresos	wzavaleta@savechildren.org.bo Calle Heroes del Acre No 1725 La Paz Bolivia
Ricardo Cortés Carvajal	Adventist Development and Relief Agency –Componente Ingresos Rurales	r.cortes@adra.org.bo Av. Brasil 1329 La Paz Bolivia
Guillermo Lizarraga	ADRA Administrador Título II	glizarraga@adra.org.bo Av Brasil 1329 La Paz Bolivia
Tricia Peterson	Coordinadora Nacional de Medio Ambiente Food for the Hungry	tpeterson@fhi.net Calle 20 de Calacoto No. 8090 La Paz Bolivia 2790515
Ruben Salas	UNDP Programa de Pequeñas Donaciones y Programa Nacional Cambio Climático	Ruben.salas@undp.org Calle 14 Esq. Av Sanchez Bustamante Edif. Metrobol II Calacoto La Paz Bolivia 2795544 x404
Christian Jetté	UNDP Especialista en Gobernabilidad Democrática	christian.jette@undp.org Calle 14 Esq. Av Sanchez Bustamante La Paz Bolivia 2795544 x 520
Carmen Barragán	Programa Nacional de Alimentos- Unidad de Vulnerabilidad	

Victor E. Merino	USAID Peru, Office of Economic Growth and Environment	vmerino@usaid.gov
Zulema Leon Quiroga	Administradora Contadora PROINPA Altiplano	Zmlq.quirogaleon@proinpalp.org Of Conchitas n 790 esq Landaeta Zona Alto San Pedro La Paz 2141209
Rose Mary de Barragán	Universidad de La Cordillera Administration	F_dialogo@yahoo.es
Pamela Calla	Coordinación de Estudios de Género e Interculturalidad UC	pcalla@proelbandes.org
Marcia Toleda	Administradora de Proyectos Economic Development and Environment, USAID Peru	mtoledo@usaid.gov Av. La Encalada, cdra 17, Moterrico – Surco Lima 33 Peru 6181286
Braulio La Torre	Soils Department Professor, Universidad Nacional Agraria La Molina	Braulio@lamolina.edu.pe Universidad Nacional Agraria La Molina, Lima Peru 3495647x219
Hugo Li Pun	ALTAGRO, CIP Lima	Apartado 1558 Lima 12 Peru 51 1 349 6017
Victor Mares	ALTAGRO, CIP Lima	Apartado 1558 Lima 12 Peru
Roberto Quiroz	CIP NRM and ALTAGRO Lima	r.quiroz@cgiar.org La Molina Peru 317
Andre Devaux	Proyecto PapaAndina CIP Lima	a.devaux@cgiar.org La Molina Peru 3496017

Appendices

A. List of Participants in the Workshop: Participants List SANREM CRSP Adapting to Change in the Andes April, 2006

Family Name	First Name	Institution	E-Mail Contact
Aguilera	Javier	PROINPA	j.aguilera@proinpalp.org
Barragán	Carmen	PMA (WFP)	carmen.barragan@wfp.org
Bosque	Hugo		
Calla	Pamela	Univ. De la Cordillera	pcalla@proeibandes.org
Carrasco	Enrique	PROINPA	c.carrasco@proinpalp.org

Carvajal	Ma.Angeles	CIPCA - La Paz	mcarvajal@cipca.org.bo
Chambilla	Carola	PROINPA	c.chambilla@proinpap.org
Clark	Margarita	Save the Children	mclark@savechildren.org.bo
Condori	Bruno	PROINPA, La Paz	b.condori@proinpap.org
Cortés	Ricardo	ADRA	rcortes@adra.org.bo
Cusicanqui	Jorge	UMSA	acusican@accelerate.com
Fernández	René	Univ. Cordillera	idearium@gmail.com
Figueroa	Ilich	PROINPA, Cochabba.	ifigue@proinpa.org
Flora	Cornelia	Iowa State University	cflora@iastate.edu
Garrett	Karen	Kansas State University	kgarrett@ksy.edu
Gilles	Jere	Univ. Of Missouri	gillesj@missouri.edu
Gonzales	Miguel Angel	PROINPA	ma.gonzales@proinpap.org
Jetté	Christian	UNDP	christian.jette@undp.org
Jiménez	Elizabeth	Univ. Cordillera	ejimeneza@entelnet.bo
Lizárraga	Guillermo	ADRA	glizarraga@adra.org.bo
Miranda	Roberto	UMSA	roberto_neco@hotmail.com
Molina Rivero	Ramiro	Univ. Cordillera	ramiromolina2000@yahoo.com
Motavalli	Peter	Univ. Of Missouri	motavallip@missouri.edu
Peñaranda	Mirco	UMSA	mirquinho@hotmail.com
Peterson	Tricia	FHI	tpeterson@fhi.net
Quiroz	Roberto	CIP	r.quiroz@cgiar.org
Salas	Ruben	PPD/PNUD - GEF	ruben.salas@undp.org
Seth	Anji	Univ. Of Connecticut	anji.seth@uconn.edu
Taboada	Cristal	Fac. Agronomía UMSA	cristal_taboada@yahoo.es
Turín	Cecilia	Univ. La Molina -IPPS	ceciturin@yahoo.com
Valdivia	Corinne	Univ. Of Missouri	valdiviac@missouri.edu
Vargas	Silvana	Univ. Agraria - IPPS	anavlis_ipps@yahoo.com

B. Activities:

1. Integrating research activities:

- a. First planning workshop in La Paz April 24-25 in La Paz. (See attached program of activities) Investigators shared their methodologies, institutions collaborating in the project presented their capacities, and USAID Title II gave a presentation of their activities and collaborators of rural areas in Bolivia.
- b. Field visit of the International Biodiversity Research Center under supervision by Fundación PROINPA; Visited Estación Experimental de Choquenaira, Viacha Bolivia; and visit of the areas where rural communities are located on Wednesday with all the team.
- c. Valdivia, Motavalli, Garrett, and Cusicanqui visited with a farmer in Batallas to learn about her potato production and marketing activities in the region, the technologies she utilizes, as well as her techniques to assess quality of soils,

identify lands to rent, and her marketing outlet for two varieties of potatoes targeting hotels in La Paz.

- d. Team research retreat in Batallas, April 26 - April 27 2006 to present and discuss specific objectives, activities, skills and responsibilities across countries, institutions, disciplines and research sites.
2. Meeting with stakeholder institutions to identify areas of shared interest for collaboration, La Paz, April 28 2006. Attended by the World Food Program- Vulnerability unit; United Nations Development Program - Small Donations program working on climate change with rural communities; Title II USAID implementers Save the Children, ADRA, and Food for the Hungry; CIPCA (Research center for the peasantry).
3. Meetings with collaborating institution researchers May 2- May 4 in La Paz Bolivia. This included Ruben Salas from UNDP; Margarita Clark and .
4. Meetings with collaborating institutions and USAID in Lima Peru, May 5 – May 11. Return to the US (Valdivia) May 12 2006.

C. Follow-Up Activities:

1. Most pressing is at present time, to finalize research protocols so that they can go to our Institutional Review Boards on human subjects.
2. Seth will follow up by doing a literature search on these methods and additional reading of the climate literature for the region. Seth will communicate more with Magali García to be clear on how we can help with suggestions for analyses of the station observations.
3. Plans with CIP - Roberto Quiroz – and SANREM institutions, U Conn and UMSA, to work together on downscaling techniques, which may be useful for both long range climate and interannual predictability. Also discussed was research on the use of analog methods of prediction
4. Review the TOP for our project to define the KASAP measures (Knowledge, Attitudes, Skills, Aspirations, and Practices) for the assessment.
5. Follow up visits to the sites where the Title II NGOs are working will take place in next trips of Valdivia and Gilles. There may be some important synergies with them for training and perhaps in the marketing research area as well. Conservation International needs to be included in our discussions about Apolobamba.
6. SANREM CRSP project will link to the Climate Change Program activities in Bolivia in a systematic way.

D. Program of the Workshop in La Paz April 24-28, 2006.

SEMINARIO DEL PROYECTO SANREM

**Lugar: Hotel Presidente
La Paz – Abril 24 -28 de 2006**

PROGRAMACION

PRIMER DIA: Lunes 24 de Abril

Facilitación y evaluación: UMSA Responsable: Jorge Cusicanqui

MAÑANA

10:30-11:00 Registro de Participantes

11:30-11:45 Bienvenida a los asistentes - Ramiro Molina Rivero (Universidad de la Cordillera)

11:45-12:00 Presentación global del proyecto / hipótesis y resultados esperados Jere Gilles (University of Missouri) y Corinne Valdivia (University of Missouri).

12:00-12:30 Preguntas de aclaración

TARDE

Discusión teórico metodológica del proyecto- Parte I

14:30-15:00 Marco Administrativo y Financiero del Proyecto Jere Gilles y Corinne Valdivia (University of Missouri)

15:00-15:30 Preguntas de aclaración

15:30-16:00 “Fitopatología y manejo integrado de plagas” Karen Garrett (Kansas State University)

16:00-16:15 Preguntas y comentarios

16:15-16:30 Cafe

16:30-17:00 “Suelos y comunicación de riesgos” Peter Motavalli

17:00-17:15 Preguntas y comentarios

17:15-17:45 “Manejo de recursos naturales y cuencas” Roberto Quiroz CIP

17:45-18:00 Preguntas y comentarios

18:00-18:20 Evaluación del día y planificación del día siguiente

SEGUNDO DIA: Martes 25 de abril

Facilitación y Evaluación: University of Missouri, Responsable: Jere Gilles

MAÑANA

Presentación institucional y de trabajo de los equipos de Perú y Bolivia

Presentación de propuesta por equipos

9:00-9:30 Presentación institucional del equipo de Bolivia (PROIMPA, UC y UMSA)

9:30-10:00 Presentación de la propuesta de investigación del equipo Bolivia

10:00-10:30 Comentarios y preguntas

10:30-10:45 Café

10:45-11:45 Presentación Institucional y de Propuesta de Investigación del Equipo del Perú.
Silvana Vargas (La Universidad de la Molina)

11:45-12:15 Comentarios y preguntas

12:15-12:45 Presentación del Program Titutlo II USAID. Alan Hurdus and Angel Vasquez.

12:45-13:00 Comentarios y preguntas

TARDE

Discusión teórico metodológica – Parte II

14:30-15:00 Características y desarrollo del Proyecto MAPA en Bolivia

15:00-15:15 Preguntas y comentarios

15:15-15:45 Vulnerabilidad y el programa mundial de alimentos (WFP) en Bolivia

15:45-16:00 Preguntas y comentarios

16:00-16:15 café

16:15-16:45 “Estrategias de vida, vulnerabilidad, adaptación, mercados y redes de difusión del conocimiento” Corinne Valdivia y Jere Gilles (University of Missouri)

16:45-17:00 Preguntas y aclaraciones

17:00-17:30 “Percepciones y comunicación de riesgos” Leonie Marks (University of Missouri)

17:30-17:45 Preguntas y comentarios

17:45-18:15 “Capital social y coaliciones – asociaciones” Cornelia Flora (Iowa State University)

18:15-18:30 Preguntas y comentarios

18:30-18:45 Evaluación del día y planificación del día siguiente

TERCER DIA – Miércoles 26 de abril

Facilitación y Evaluación: PROIMPA, Responsable: Javier Aguilera

Visitas de Campo

8:00- 9:30 Viaje de La Paz a Viacha

09:30- 10:15 Visita al centro experimental de Quipa Quipani

10:15- 10:30 Refrigerio

10:30- 11:15 Visita al centro experimental de Choquenayra

11:15- 13:30 Viaje a Batallas

13:30-14:30 Almuerzo

14:30-16:00 Recorrido por el área de Batallas

16:00-17:00 Arribo al Hotel en Puerto Pérez

17:00-18:30 Primera reunión de coordinación interna del proyecto

18:30-19:00 Evaluación del día y planificación de actividades para el cuarto día

19:00-20:00 Cena

CUARTO DIA – Jueves 26 de abril

Facilitación y Evaluación: Universidad de la Molina, Responsable: Silvana Vargas

Lugar: Hotel en Puerto Pérez

Vínculos y coordinación inter-institucional

9:00-9:30 Coordinación global interinstitucional (la visión)
Corinne Valdivia y Jere Gilles (University of Missouri)

9:30-9:45 Preguntas, Debate y discusión

9:45-10:45 División y discusión en dos o tres grupos de trabajo por área de trabajo e investigación)

Objetivo: identificar las formas concretas de desarrollo del trabajo/estudio e identificar las personas/instituciones y las tareas de la coordinación

10:45-11:00 Conclusiones y organización de una pequeña presentación a cargo de cada grupo

11:00-11:30 Presentación de Equipo No 1

11:30-12:00 Presentación de Equipo No 2

12:00-12:30 Discusión y debate

12:30-14:00 Almuerzo

14:30-15:00 “Modelación y Variabilidad Climatológica” – Anji Seth (University of Connecticut)

15:00-15:15 Preguntas y comentarios

15:15-16:15 Reunión de planificación del trabajo identificación de actividades para el Año No1 RAC

16:15-17:00 Evaluación del día y planificación de actividades para el quinto día

17:00 Retorno a la ciudad de La Paz

QUINTO DIA – viernes 25 de abril

Facilitación y Evaluación: University of Missouri y Universidad de la Cordillera

MAÑANA

Reunión de stakeholders del proyecto

9:00-9:15 Palabras de bienvenida a stakeholders del proyecto

9:15-9:45 Presentación del proyecto Corinne Valdivia (University of Missouri)

9:45-10:00 Preguntas y comentarios

10:00-10:30 Café

10:30-11:30 Intervenciones y participación de los stakeholders:

-Presentaciones de los proyectos implementados por el Título II de USAID por ADRA, con comentarios de Save the Children y Food for the Hungry.

-Presentación el Programa Mundial de Alimentos, Carmen Barragán, Unidad de Analisis de Vulnerabilidad.

-Presentación del Programa de Pequeñas Donaciones del Programa de las Naciones Unidas para el Desarrollo, Ruben Salas.

-Presentación de CIPCA sobre la institución y Apolobamba.

-Discusión de areas de colaboración y sinergias.

12:00-12:15 Preguntas y comentarios

12:15-12:30 Palabras de clausura. Corinne Valdivia y Jere Gilles (University of Missouri)

12:30-14:30 Almuerzo

TARDE

15:00-17:30 Última reunión de planificación y organización de actividades y planificación de actividades para los siguientes meses.

Facilitación del Seminario

Coordinación general: Universidad de la Cordillera: Elizabeth Jiménez

Día 1: Lunes 24 de Abril: UMSA Responsable: Jorge Cusicanqui

Día 2: Martes 25 de Abril University of Missouri, Responsable: Jere Gilles

Día 3: Miércoles 26 de Abril PROIMPA, Responsable: Javier Aguilera

Día 4: Jueves 27 de Abril Universidad de la Molina, Responsable: Silvana Vargas

Día 5: Viernes 28 de Abril University of Missouri y Universidad de la Cordillera

Los responsables tienen la tarea de: (1) facilitar el seminario, y (2) presentar una corta evaluación de las ideas expuestas al final del día.