

PD-ABG-240  
83100

**SANREM CRSP**  
**LAG-4198-A-00-2017-00**  
**QUARTERLY REPORT**  
**THIRD QUARTER**  
**1 February 1993 to 30 April 1993**

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## **I. SUMMARY**

### **Introduction:**

The third quarter (this reporting period) has been extremely productive and the project has met all planned objectives for the quarter.

### **Accomplishments:**

The major activities and accomplishments for the period include the following:

- ▶ Completed Reconnaissance Activities and a Participatory Landscape/Lifescape Appraisal to identify research needs in the village of Donsin in Burkina Faso. The resulting documentation, a Participatory Landscape/Lifescape Appraisal will serve as the basis for the workshop to be held 23-27 May to identify research needs for project platform for the entire life of the project in the Burkina Faso.
- ▶ Visited Ecuador to evaluate the alignment of the SANREM CRSP and USAID/Quito strategic objectives.
- ▶ Established Philippine Technical Committee, Coordinating Committee and Community Advisory Council and held meetings of each to develop a work plan.
- ▶ Established Office and Facilitator Position for Philippines SANREM CRSP Site.
- ▶ Organized and hosted meeting of Chairs of Board of Directors and Technical Committees and Program Officer to set policy on subcontracting, graduate students and collaborative activities.
- ▶ Organized and Hosted Meeting of Communications Group to set policy on Communications and Information Exchange.
- ▶ Organized and Hosted Meeting of the Indicators of Sustainability Working Group.
- ▶ Participated in an Information Exchange Meeting on invitation of USAID/Rabat in Morocco.
- ▶ Participated in an Information Exchange Meeting with Collaborators in Niger.
- ▶ Participated and served as training participants and resource persons in the International Workshop on Sustainable Land Use Systems and Agroforestry Research for the Humid Tropics of Asia.

**Funding Status:**

- ▶ Funds expended during the third quarter were \$223,554.16.

**Planned Activities for the Subsequent Quarter:**

- ▶ Organize and Execute Workshop for Burkina Faso Site.
- ▶ Organize and Host Writing Team Meeting for finalization of Philippine Frame Work Plan.
- ▶ Conduct Site Selection Phase for Ecuador Site.
- ▶ Organize and Hold Joint Board of Directors and Technical Committee Meeting.
- ▶ Organize and Hold Working Group Meetings.

## **II. Detailed Accomplishments - Planned versus Actual**

### **Planned Accomplishments:**

The Scope of Work for the Third Quarter was to include the following:

- Development of work plan for the Philippines and the establishment of Philippine Technical Committee, Coordinating Committee and Community Advisory Council. To develop the work plan for the Philippines, the three aforementioned committees will be formed to devise the strategy for formulation of the work plan including the technical, logistical and philosophical components for final review by the Global Technical Committee
- Reconnaissance Activities and Diagnostic Survey for the Burkina Faso SANREM Site. This phase includes: a reconnaissance trip for networking, information gathering, and problem identification by a team of 3 - 4 US collaborators and additional host country collaborators via a Participatory Landscape-Lifescape Appraisal (PLLA).
- Site Evaluation phase for Latin America Site in Ecuador. A team from the US will meet with USAID/Quito and potential collaborators to establish the procedure for the Ecuador site selection, reconnaissance activities, Participatory Landscape/Lifescape Appraisal, and workshop.
- Implementation of Indicators of Sustainability Working Group strategies. The indicators of sustainability working group will meet to coordinate strategies for identifying the indicators for individual sites including baseline data needs as well as indicators on the community, research and policy levels.
- Establishment of Communications Networks and Policy. The individuals tasked with communications and information exchange will meet to identify the media needs for communications and focus and responsible party for each level of information exchange.
- Establishment of Office and Personnel for Philippine Site. The site facilitator will be hired and the site office established to begin on-site research in the Philippines.

### **Actual Accomplishments:**

- ▶ Establishment of Philippine Technical Committee, Coordinating Committee and Community Advisory Council to provide guidance for Philippine site activities. These subcommittees of the Philippine Site Team were formed to carry out the task

of work plan writing, coordinating on site activities, and ensuring the appropriateness of all work to the end-users in the Landscape/Lifescape. Chairs of each committee sit on the other committees. The objectives and the potential members of these committees are listed below:

○ **Technical Committee**

The Philippine Technical Committee will be responsible for ensuring the technical quality of the program and will review and approve all work plans and budgets for the Philippine activities. The Committee will identify approximately five writers from the Philippines to work with the members of the Global Technical Committee (Deutsch, Kanemasu, Midmore, Sajise, Hargrove and Neely). Additional writers will be sequestered as needed for particular expertise capabilities.

**Members:**

Dr. Willie Dar, Chair (Department of Agriculture)  
Roger Serrano (PCARRD)  
Percy Sajise/Gelia Castillo (UPLB)  
Jim Orprecio (HPI)  
Joe Magallanes (CMU)  
Greg Reyes (DENR-ERDB)  
Ernesto Garileo (DAR)  
Sam Fujisaka (IRRI)  
Marhz Ruscoe (IESAM)

○ **Coordination Committee**

The Coordination Committee will be responsible for organizing logistical arrangements for implementation of the work plan and overseeing day to day implementation of the program. The Coordination committee will meet to design procedures and logistical needs for carrying out the research described in the work plan. This Committee will be taking care of more "nuts and bolts" of operation.

**Members:**

Romy Banaynal, Chair (NECI)  
Joe Arances (CMU)  
Lealyn Ramos (DA)  
Raoul Geollegue (DENR)  
Elizabeth Cruz (NAPACOR)  
Mayor Teddy Pajaro  
Barbara Bellows (Management Entity)  
Jim Orprecio (HPI)

○ **Community Advisory Council**

The Community Advisory Council will represent the community perspective in the SANREM CRSP and will be responsible for identifying the direction

needs of users and end-user participants. The User Council will provide input and review of the work plan and will provide a ready and representative voice throughout the life of the project.

**Members:**

Ronelo Alvarez, Chair (Local Government Unit)  
Elie D. Yam-oc (DECS - Education Sector)  
Alfredo Anudon (Igorot Group)  
Adolino Saway (Tala-andig Tribe)  
Teofilo Saba-on (Tala-andig Tribe)  
Conrado Gunayan (Farmer Group, Patag, Alanib)  
Hermie Nalzaro (Farmer's Federation, SHAISI)  
Ermelinda Rivas (Municipal Counselor - Business Sector)  
Glicerio Tan (SHAISI Foundation - Education Sector)

Minutes of the meetings of these groups are attached as Appendix A.

- ▶ Completed Reconnaissance Activities and a Participatory Landscape/Lifescape Appraisal to identify research needs in the village of Donsin in Burkina Faso. The resulting documentation, a Participatory Landscape/Lifescape Appraisal will serve as the basis for the workshop to be held 23-27 May to identify research needs for project platform for the entire life of the project in the Burkina Faso.

The first phase of the Reconnaissance for Burkina Faso was done by the team of Drs. Hargrove and Reed, Julie Burt, Kris Hoffer, and Daniel Deybe during the period of 28 February to 19 March. During this visit, the team obtained secondary information about the site and networked with previously contacted institutions.

The institutions that were met with included:

USAID/Ouagadougou	The World Bank	INERA
University of Ouagadougou	Save the Children	Africare
World Neighbors	Catholic Relief Services	CRPA
Plan International	Catholic Diocese	ADRK
Baptist Mission	Catholic Mission	IPD/AOS
Famine Early Warning System	INADES-FORM	ADRK

Meetings with these institutions included network strengthening and introductions to SANREM if these connections had not been previously made. The purpose of the meetings were to determine ongoing programs in the village of Donsin, approaches used, and interest in SANREM activities. Additionally the team visited an on-going projects in Kongoussi (PATECORE). They also traveled to the site village of Donsin and held a village meeting. During the first phase reconnaissance, the group identified colleagues to assist in the second phase and identified an organization to facilitate the workshop. The trip report and further information concerning the organizations and institutions visited are attached as Appendix B.

The second phase of the Reconnaissance for Burkina Faso was done by the team of Drs. Hargrove, Silva-Barbeau, and Ngandu and Julie Burt and Chuck Rhoades. During this phase, the team worked with collaborating Burkinabe team members. The full team performed a Participatory Landscape-Lifescape Appraisal with the villagers of Donsin. The PLLA provided the team with enormous first hand information. The summary of the information from Phase I and II Reconnaissance will provide the basis for the workshop scheduled for 23-27 May. This trip report and a synthesis of the PLLA are attached as Appendix C.

- ▶ Made an evaluation trip to Ecuador to determine how the SANREM CRSP can fit into the strategic objectives of USAID/Quito. Drs. Ron Carroll (Institute of Ecology, UGA), Dr. Bill Hargrove (SANREM CRSP, UGA), Constance Neely (SANREM CRSP, UGA) and Jim Bonner (AID/W) met with individuals from USAID/Quito to establish a working relationship based on the Mission's strategic objectives. The team also met with potential collaborators including, Heifer Project International, Fundagro, CIAT, CIP, San Francisco University and the Catholic University. The team was to be invited back for site selection activities. The Trip Report is attached as Appendix D.
- ▶ Organized and Hosted Meeting of the Indicators of Sustainability Working Group. The Members of the Indicators of Sustainability Working Group and some invited guests met on April 2. Barbara Bellows presented a paper of a literature review on the biophysical indicators of sustainability. Walt Butcher presented a literature review on the economic indicators of sustainability. It was summarized that further consideration would be given to the following: the need to link indicators to policy issues; the need to develop criteria to define sustainability, the need to identify hierarchy level on which the program will focus, the need to develop a research agenda relating to indicators of sustainability, and the need to include flexibility and iteration into an indicator development program. It was determined that indicators need to be identified at the user level, the researcher level and the policy level and that the Indicators of Sustainability Working Group would identify a few, manageable indicators that can be used to evaluate sustainability in the field. The minutes of this meeting are attached as Appendix E.
- ▶ Organized and Hosted Meeting of Communications Group to set policy on Communications and Information Exchange. A Communications Meeting was held on March 31 to identify the roles and responsibilities of different individuals concerning forms of international, regional, and community level communication. We discussed the function, components, production schedule, language and guidelines for each communication form. We also discussed other information issues including the output of the Participatory Landscape Lifescape Appraisal, success stories, electronic conferencing and information linkages within the Philippines. The minutes of this meeting are attached as Appendix F.

- ▶ **Established Office and Facilitator Position for Philippines Site.** Dr. Barbara Bellows was assigned as the Philippines Site Facilitator and moved to set up the office on 7 April 1993. The office which is being temporarily housed in the Network for Environmental Concerns Inc. office in Cagayan de Oro on Mindanao. This will be the office pending the organizational structure being developed in conjunction with the work plan.
- ▶ **Participated in Information Exchange Meeting in Morocco on invitation by USAID/Rabat.** Dr. Bill Hargrove visited Morocco to discuss the potential for SANREM CRSP activities in Morocco. Additionally, Dr. Hargrove also visited with INRA and MIAC. It was determined that SANREM could contribute in four areas. These were:
  1. **Improved Technologies for soil and water conservation, such as:**
    - a. reduced tillage
    - b. improved crop residue management
    - c. improved water capture, storage and use
  2. **Improved rangeland/livestock management, including:**
    - a. integration of livestock with cropping systems
    - b. improved management of grazing lands
    - c. modeling of range systems
  3. **Economic analysis and modeling of improved technologies**
  4. **Use of agrometeorology techniques, modeling, and GIS for describing and predicting the effects of drought.**

It was determined that the next step would be to send a team of individuals to follow-up by visiting with AID, INRA, IAV and Ecole National d'Agriculture in Meknes and some potential sites. The objectives of this mission would be the following:

1. Further identify the research priorities and interests of INRA, IAV and the Ecole National d'Agriculture.
2. Identify a network of potential collaborators.
3. Evaluate potential sites with respect to sustainability, natural resource issues, landscape linkages, and farmer first approaches.

The next trip should take place in early fall. The trip report is attached as Appendix G.

- ▶ **Information Exchange Meeting in Niger.** Drs. Bill Hargrove and Jess Reed visited Niger to discuss the SANREM CRSP activities and collaborative work by ICRISAT

in Burkina Faso and to discuss inter-CRSP activities. The inter-CRSP activity has been put on hold, however, Dr. Hargrove outlined the strengths that the SANREM CRSP brings to the inter-CRSP activity. These include: a strong social science team, including farmer-first methodologies and gender analysis; expertise in landscape scale activities including landscape ecology/GIS/modeling activities; strong expertise in integration of livestock with cropping systems and range management/ecology/modeling; and a strong group in economic analyses and modeling.

Visits at the Sahelian Center include those with ICRISAT, ILCA and ICRAF. It was evident from all visits that the groups were strongly supportive of the SANREM CRSP and that individuals were very willing to work with the project in Burkina Faso. The Trip Report for Niger can be found attached as Appendix H.

- ▶ Organized a meeting of Chairs of Board of Directors and Technical Committees and Program Officer to discuss policy on subcontracting, graduate students and collaborative activities. This meeting was held on April 12 in Washington, DC in the Agriculture Office of A.I.D. In attendance was Ken Shapiro, Cornelia Flora, Bill Hargrove, Constance Neely, and Jim Bonner. The discussions centered around subcontracting, delegation of responsibilities, timelines for site activities, communications, fund leveraging and SANREM related proposals, graduate students, buy-ins and editorship/authorship. The meeting minutes are attached as Appendix I.
- ▶ Assisted in the International Workshop on Sustainable Land Use Systems and Agroforestry Research for the Humid Tropics of Asia. Constance Neely served as the SANREM CRSP Resource Person for the International Training Session on Sustainable Land Use and Systems and Agroforestry Research for the Humid Tropics of Asia. The course had 32 participants from 8 countries in Asia-Pacific. Of these participants, 4 are direct collaborators at the Philippines SANREM CRSP Site. Constance Neely gave a presentation on Diagnosis and Problem Identification -the Philippine SANREM CRSP Experience. The meeting was sponsored by ICRAF, FAO-APAN, AFRD, BIOTROP, and IRRI. The session was closely associated with the ICRAF Alternatives to Slash and Burn Agriculture Initiative. The relationship of SANREM to other programs in Asia-Pacific was discussed. The trip report can be found attached as Appendix J.
- ▶ Produced the second quarterly newsletter - the LAST UPDATE. The Newsletter is attached as Appendix K.

### **III. Significant Findings and Impacts**

- **Institutional Relationship Strengthening and Inter-Institutional Awareness.** The activities of the SANREM CRSP in both the Philippines and Burkina Faso have contributed greatly to institutional relationship strengthening and overall inter-institutional awareness through the workshops and the formation of inter-sectoral subcommittees. Organizations and institutions representing the community members, government and non government, universities and international research centers have had close dialogue and become aware of the necessity to work together. The various entities have seen that a more workable solution can be developed by putting all the related finger prints or minds on the identified constraints. This process inherent in the SANREM CRSP has brought the various entities together for information exchange and collective vision.
- During the third quarter, the SANREM CRSP engaged in a diagnostic survey in Burkina Faso. The draft synthesis of that survey is located in Appendix E. The Burkina Faso SANREM CRSP workshop will be held in May. The output of that meeting and the final synthesis of the diagnostic survey will be given in the fourth quarter quarterly report.

### **IV. Problems/Issues and Approaches to Resolution**

- None

## V. Financial Status

**SANREM CRSP QUARTERLY EXPENDITURE REPORT**  
**GRANT NO. LAG-4198-A-00-2017-00**

**QUARTER ENDING APRIL 30, 1993**

COST ELEMENT	PLANNED LIFE OF PROJECT BUDGET	ACTUAL ANNUAL BUDGET	AMOUNT SPENT THIS QUARTER	CUMULATIVE AMOUNT SPENT TO DATE	BALANCE
<b>MANAGEMENT ENTITY</b>					
SALARIES	750,518.00	141,365.00	35,639.11	104,078.46	37,286.54
FRINGE BENEFITS	202,230.00	38,092.00	9,952.28	28,570.65	9,521.35
CONSULTANTS	34,560.00	0.00	0.00	0.00	0.00
TRAVEL/TRANSPORTATION					
-DOMESTIC	119,659.00	21,439.00	1,418.60	4,546.24	16,892.76
-INTERNATIONAL	152,001.00	29,841.00	2,734.90	9,703.71	20,137.29
OTHER DIRECT COST	78,703.00	18,685.00	16,657.42	43,682.99	(24,997.99)
INDIRECT COST	661,439.00	184,786.00	24,568.85	70,515.35	114,270.65
SUBTOTALS	1,999,110.00	434,208.00	90,971.16	261,097.40	173,110.60
<b>RESEARCH SUBCONTRACTS</b>					
<b>US COLLABORATORS</b>					
UNIVERSITY OF GEORGIA	1,956,548.00	406,493.00	132,583.00	184,177.20	222,315.80
PVO/UNIVERSITY CENTER	405,568.00	115,935.00	0.00	0.00	115,935.00
VIRGINIA TECH UNIVERSITY	417,052.00	97,340.00	0.00	0.00	97,340.00
UNIVERSITY OF WISCONSIN	664,187.00	81,291.00	0.00	0.00	81,291.00
COLORADO STATE UNIVERSITY	184,950.00	0.00	0.00	0.00	0.00
USDA ARS	119,190.00	0.00	0.00	0.00	0.00
TUSKEGEE UNIVERSITY	396,629.00	55,000.00	0.00	0.00	55,000.00
HEIFER PROJECT INTERNATIONAL	240,000.00	55,000.00	0.00	0.00	55,000.00
AUBURN UNIVERSITY	499,100.00	55,000.00	0.00	0.00	55,000.00
WASHINGTON STATE UNIVERSITY	265,000.00	55,000.00	0.00	0.00	55,000.00
<b>INTERNATIONAL COLLABORATORS</b>					
IRRI	801,694.00	153,989.00	0.00	0.00	153,989.00
PCARRD	301,860.00	145,744.00	0.00	0.00	145,744.00
CIMMYT	126,725.00	0.00	0.00	0.00	0.00
ICRAF	94,000.00	0.00	0.00	0.00	0.00
ICRISAT	152,350.00	0.00	0.00	0.00	0.00
AVRC	99,325.00	45,000.00	0.00	0.00	45,000.00
FUNDAGRO-ECUADOR	325,380.00	0.00	0.00	0.00	0.00
<b>SITE AND SPECIAL PROGRAMS</b>					
PANAMERICAN AGRICULTURE SCHOOL					
-HONDURAS	318,530.00	0.00	0.00	0.00	0.00
MIN.-HIGHER EDUC & SCIENCE RES.					
-BURKINA FASO	632,802.00	0.00	0.00	0.00	0.00
SUBTOTAL-RESEARCH CONTRACTS	8,000,890.00	1,265,792.00	132,583.00	184,177.20	1,081,614.80
TOTAL ESTIMATED AMOUNT	10,000,000.00	1,700,000.00	223,554.16	445,274.60 *	1,254,725.40

PARTICIPANT TRAINING EXPENDED TO DATE TOTALS \$64,975.03, THESE AMOUNTS ARE INCLUDED IN THE RESEARCH SUBCONTRACTS.

\*NEGOTIATED RESEARCH CONTRACTS FOR \$606,321 ARE COMMITTED. AS THIS IS THE START UP PHASE OF THE SANREM CRSP, THE RATE OF EXPENDITURES DOES NOT REFLECT COMMITTED DOLLARS.

## **VI. Summary of Reports Issued During Reporting Period**

- **Trip Report from Burkina Faso Phase I Reconnaissance, 28 February to 26 March, 1993.** Drs. Bill Hargrove and Jess Reed, Julie Burt, Daniel Debye and Kris Hoffer visited Burkina Faso to complete the first phase of the Reconnaissance. The purpose of this trip was to obtain secondary information and strengthen the institutional network.
- **Trip Report from Burkina Faso Phase II Reconnaissance, 14-30 April, 1993** Dr. Bill Hargrove, Dr. Irma Silva-Barbeau, Dr. Mudiayi Ngandu, Chuck Rhoades, and Julie Burt visited Burkina Faso to complete the second phase of the Reconnaissance. The purpose of this trip was to do a Participatory Landscape/Lifescape Appraisal of the site village of Donsin in conjunction with five Burkinabe Collaborators. The outcome of the appraisal will be a synthesis of all information obtained which can be used to guide the future workshop.
- **Trip Report from Visit to Ecuador, 15-19 February, 1993** Drs. Bill Hargrove (ME), Constance Neely (ME), Ron Carroll (UGA), and Jim Bonner (AID/W) visited USAID/Quito to discuss the potential working relationship of the SANREM CRSP and USAID/Quito and the alignment with the Mission's Strategic Objectives. The group also met with the representatives of CIAT, CIP, Heifer Project International, San Francisco University, Catholic University and FUNDAGRO. The Mission asked that a Site Selection Team be sent during the month of May, 1993.
- **Trip Report from Information Exchange Trip to Morocco, 22-23 February, 1993** Dr. Bill Hargrove (ME) met with USAID/Rabat on invitation by the Mission and discussed the SANREM CRSP. During this visit, Dr. Hargrove also met with representatives of INRA and MIAC. The Mission invited a team of four SANREM Scientists with specific expertise in Soil Management and Water Conservation, Agrometeorology, Economic Modeling and Range Management to return later in the year.
- **Trip Report from Information Exchange Trip to Niger, 24-26 February, 1993** Drs. Bill Hargrove (ME) and Jess Reed (UW) visited USAID/Niamey to discuss potential Inter-CRSPing activities in Niger. They also met with members of the Sahelian to discuss upcoming activities in Burkina and potential collaborative efforts.
- **Trip Report from Indonesia, 26 April to 2 May, 1993.** Dr. Constance Neely was invited to serve as a resource person for the International Workshop on Sustainable Land Use Systems and Agroforestry Research for the Humid

Tropics of Asia. Dr. Neely led a session on the process and accomplishments of the SANREM CRSP with the 32 participants from 8 countries. Additionally, five SANREM Filipino collaborators were participating as trainees in the workshop which included research methodologies and policy planning training.

## **VII. Attachments**

- A. Meeting Minutes - Organizing and Work Plan Writing Meetings of the Philippine Technical Committee, Philippine Coordinating Committee, Community Advisory Council - All Meetings**
- B. Trip Report - Burkina Phase I Reconnaissance - 28 February to 26 March, 1993**
- C. Trip Report and Diagnostic Survey Synthesis - Burkina Phase II Reconnaissance 14 - 30 April, 1993**
- D. Trip Report - Ecuador - 15-19 February, 1993**
- E. Meeting Minutes - Indicators of Sustainability Working Group - 1 April, 1993**
- F. Meeting Minutes - Communications Group - 31 March, 1993**
- G. Trip Report - Morocco - 22-23 February, 1993**
- H. Trip Report - Niger - 24-26 February, 1993**
- I. Meeting Minutes - Chairs - Board of Directors, Technical Committee and AID Program Officer with Management Entity, Washington, DC - 12 April, 1993**
- J. Trip Report - Indonesia 26 April - 2 May 1993**
- K. LAST UPDATE - NEWSLETTER Vol 2. - April 1993**