

**SANREM CRSP  
LAG-4198-A-00-2017-00  
QUARTERLY REPORT  
Third Quarter, Year Two  
1 February 1994 to 30 April 1994**

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## **I. SUMMARY**

### **Introduction:**

The third quarter of the second year of the program (1 February 1994 to 30 April 1994) has been extremely productive, and the project has exceeded all planned objectives for the quarter.

### **Accomplishments:**

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

- ▶ Participant Training - Philippines
- ▶ Community Advisory Council Workshop - Philippines
- ▶ Implementation of Work Plans - Philippines
- ▶ Initiated Data Gathering on Water Quality - Philippines
- ▶ Finalization of the Priming Program - Burkina Faso
- ▶ Participant Training - Burkina Faso
- ▶ Installed Weather Stations - Burkina Faso
- ▶ Site Identification and Networking Mission - Ecuador
- ▶ Work Plan Writing Trip - Honduras
- ▶ Finalization of SANREM Portion of Scope of Work - Cape Verde
- ▶ Development of Scope of Work - Morocco
- ▶ Presentation at World Bank Meeting - Morocco
- ▶ Gender/User Working Group Planning Meeting
- ▶ Finalized E-Mail Conference on Indicators of Sustainability
- ▶ Presentation at Alternatives to Slash and Burn Conference - Cameroon
- ▶ Presentation to Southern Association of Agricultural Experiment Station Directors

**Funding Status:**

- ▶ Funds expended during the third quarter, second year were \$350,626.
- ▶ Funds accrued during the third quarter, second year were \$132,624.

**Planned Activities for the Subsequent Quarter:**

- ▶ Working Trip to Philippines
- ▶ Implementation of Philippines Work Plans
- ▶ Implementation of Burkina Faso Priming Activity
- ▶ Development and Execution of Invitation to Work in Burkina Faso
- ▶ Work Plan Development in Ecuador
- ▶ Work Plan Development in Honduras
- ▶ Sign MOU with Honduras/Zamorano
- ▶ Work Plan Development in Costa Rica
- ▶ Sign MOU with Costa Rica/Earth University
- ▶ Joint Work Plan Finalization and Phase I Implementation in Cape Verde
- ▶ Hold Board of Directors and Technical Committee Meeting
- ▶ Hold Conference on the Next Step in Sustainable Development and Research - NEXUS

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

**Planned Accomplishments:**

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

- ▶ Participant Training - Philippines
- ▶ Implementation of Work Plans - Philippines

- ▶ Finalization of the Framework Plan- Burkina Faso
- ▶ Invitation to Work - Burkina Faso
- ▶ Site Identification and Networking Mission to Ecuador
- ▶ Work Plan Writing Trip - Honduras
- ▶ Finalization of Scope of Work - Cape Verde
- ▶ Development of Scope of Work - Morocco

**Actual Accomplishments:**

- ▶ **Participant Training - Philippines**

Constance Neely, Bill Hargrove, Cornelia Flora, and Bill Deutsch traveled to the Philippines, March 12-25, for a Training and Integration Workshop at SHAISI and at Central Mindanao University in Alanib, Lantapan, Bukidnon. The purpose of this workshop was to renew the understanding of the philosophical cornerstones of the SANREM CRSP and research methodologies as well as to allow the work plan proponents to better integrate their work plans (including timing and methodologies) and discuss plans for coordination and integration.

Individual reports from the Priming Activity, Weather Station Installation and Soil Survey gave overviews of the good and the bad associated with each activity. It was an excellent way to start a "leveling" off. There could be no better teacher of what to do and not to do than actual experience. The remainder of the leveling off was by far the most positive of any workshop/meeting held to date. The enthusiasm was excellent and we were beyond the "money" issues. This activity was extremely successful and should be implemented at an earlier stage at other sites. This effort will provide for a more efficient and consistent operationalization of the Philippines activity.

At the conclusion of the workshop Bill Hargrove and Cornelia Flora departed the country, while Constance Neely and Bill Deutsch visited the Cagayan Office of SANREM CRSP Philippines to work with Gladys Buenavista. Next came a field trip to ICRAF Research Activities in Claveria where they spent a half day in Claveria looking at farmer run experiments which ICRAF has initiated or carried over from IRRI work. The Trip Report can be found as Attachment A.

In April, the U.S.-based Philippines partners met in Griffin, Georgia to discuss their activities and further integrate their work plans as a follow up to the workshop held in Mindanao in March.

► **Community Advisory Council Seminar/Workshop- Philippines**

The Community Advisory Council, an organization within the SANREM CRSP Philippines umbrella created at the local level, held its first seminar/workshop at Central Mindanao University, April 19-20. The meeting's objective was to promote community awareness and support of local SANREM activities by discussing the work plans for the Manupali Watershed and methods of information dissemination. In addition to the CAC, the meeting was attended by representatives from the Barangay Development Council and the hugpong. Local participants numbered 73.

Work plan holders provided an overview of their work plans followed by short interaction with the participants. Other resources persons included Gladys Buenavista (Philippines Site Coordinator), Ronelo Alvarez (CAC chairperson and representative from the Department of Interior and Local Government), Boy Tan (President of SHAISI), and Romy Banaynal (Director of NECI). Tony Sumbalan (Provincial Planning and Development Officer), Dr. Angelo Josue (CMU Vice President for Research and Extension) and other CMU faculty also attended.

The workshop emphasized the value of indigenous knowledge systems. Discussion topics included indicators of declining natural resources and how local people can improve their community using the SANREM research process.

► **Implementation of Work Plans - Philippines.**

13 Implementation work plans and 3 Planning grants, in response to the Invitation to Work, were finalized for initiation in the Philippines site. These activities were divided into natural resource focal areas of Soil, Water and Biodiversity. Human Dimensions and Community Action issues are within these three focal areas. A matrix of Philippines work plans, institutional involvement, research focus/initiative, and expected outputs can be found as Attachment B.

► **Initiated Data Gathering on Water Quality - Philippines**

Bill Deutsch initiated data gathering on water quality in the Philippines during a trip March 11 - April 1. He visited the National Power Corporation (NPC) reservoir and canals as well as numerous rivers, streams, creeks and fish ponds throughout the area. He gave formal presentations at several meetings and also talked informally with farmers, school teachers, local government officials and urban residents about water needs and uses including aquaculture. He worked out sampling routines and a budget for collecting data on water quality. The Trip Report can be found as Attachment C.

► **Finalization of the Priming Program - Burkina Faso**

Mudiayi Ngandu traveled to Burkina Faso during the period of February 9 to 17, 1994

to organize the development of the Priming Program Plan for the site. Plan International at Boulsa will be responsible for the implementation of the Priming Program and will be working with SANREM partners and other institutions with the skills required for the sound implementation of the program. The overall objective of the project is to provide Donsin farmers ample information on the SANREM objectives within the context of "Sustainable Agriculture and Natural Resource Management". Specific objectives include 1) the organization of a SANREM local committee; 2) to train and inform farmers about sustainable agriculture and natural resource management practices; 3) to insure that Donsin farmers (men and women) initiate and assume responsibility for the proposed activities to be undertaken during the initial phase; 4) to undertake concrete actions in regard to priming themes through support activities. The Trip Report can be found as Attachment D and English Version of the Priming Program can be found as Attachment E.

► **Participant Training - Burkina Faso**

A training and planning activity took place April 19 -21 in Ouagadougou: Cornerstones of SANREM CRSP methodologies and work plan development were the focus of the event. Bill Hargrove arrived April 18 to meet with Laurent Millogo, site coordinator and Mudiayi Ngandu to work out last-minute details of the conference. Other trainers were Irma Silva-Barbeau, Suchet Louis, and Arne Vanderburg. Sessions addressed the definition, process and monitoring of participation; gender as it relates to participation; concepts of landscape/lifescape and inter-institutional collaboration. The American team presented guidelines for preparing work plans, including format and key elements.

After the training sessions, the National Coordinating Committee met on April 22. Ian Flitcroft and Galen Harbers made a presentation on the weather station installation. The MOU was reviewed with Burkina Faso government officials. Other matters discussed were the upcoming indicators workshop and the budget for Burkina Faso activities. Finalization of the Priming Activity documentation was also accomplished. The Trip Report can be found as Attachment F.

► **Installed Weather Stations - Burkina Faso**

Two weather stations were installed April 10 - 24 by Ian Flitcroft and Galen Harbers. As part of the weather station subcontract between the University of Georgia and the SANREM CRSP, one automatic weather station and seven manually read rain gauges were installed in the area of Donsin. A second weather station was installed int he Planned Parenthood International (PPI) compound at Boulsa.

The installation was accompanied by training of the collaborators. Salif Boema, INERA technician in Donsin, was trained to download the data from the weather station datalogger to the storage module and to report any visually apparent malfunctions of the station. Ouedraogo Boureima (PPI, Boulsa) and Bikienga Moumini (Ministry of

Tourism and the Environment) were also trained in those functions. At Kamboinse, Leopold Some and Laurent Millogo were taught to download the data from the storage module and handle the subsequent data files.

Each month Salif Boema will download the data from the stations and turn the storage module over to personnel at PPI who will send it to Ouagadougou in the weekly mail pouch. Leopold Some will download the month's data from the module to the computer and convert the data to ASCII format. He will send a copy to the Georgia Station where it will be checked for problems. When it is cleared for distribution summary sheets will be available from Mr. Some or the Georgia Station. **The Trip Report can be found as Attachment G.**

- ▶ **Site Identification and Networking Mission - Ecuador**

Bob Rhoades initiated activities in Ecuador with a site selection and networking trip April 24 - May 3. He met with representatives of US AID, FUNDAGRO, SUBIR, PROMUSTA, FLASCO, and Heifer Project International to become familiar with activities in progress and to discuss possible strategies for SANREM. He explored valleys south of the Cotacaxi-Cayapas Nature Reserve as potential sites in the buffer zone, particular the Rio Alminde and Pacto watersheds. The area is approximately two hours drive from Quito. On the northern side of the reserve he explored the Agro-Ecuadorian communities to become familiar with the problems they face. **The Trip Report can be found as Attachment H.**

- ▶ **Work Plan Writing Trip - Honduras and Costa Rica**

Kevin McSweeney, Jess Reed, and Ralph Montee traveled to Honduras and Costa Rica March 14 - 20. The purpose of the trip was to explore with two leading higher educational agricultural training institutions in Central America--L'Escuela Agricola Panamericana (PanAmerican School of Agriculture) or EAP at Zamorano, Honduras, and L'Escuela De Agricultura De La Region Tropical Humedal (Agricultural College for the Humid Tropical Region or EARTH in Costa Rica--the prospects for establishing a Latin American network to work on indicators of agricultural and natural resources sustainability. They also met with representatives of USAID/Honduras, Fundacion VIDA, and Zamorano to design a plan of work for the upcoming indicators of sustainability activity. They discussed changes in the draft Memorandum Of Understanding. The new version would assign more action-oriented roles for AID/Honduras and scaled back roles for Fundacion VIDA due to VIDA's limited staff than the present draft contains. Technical support including GIS ARC information processes, student involvement and direct community projects were all discussed as possible avenues of collaboration. **The Trip Report can be found as Attachment I.**

► **Finalization of SANREM Portion of Scope of Work - Cape Verde**

SANREM representatives and ACDI personnel finalized their portion of the Scope of Work at a meeting in Washington, April 12-15. The technical assistance provided by SANREM will be in the areas of agricultural research management, research planning, coordination, research staff supervision, on-farm research, research-extension linkages, sustainable management of fragile lands and various aspects of training. The final collaborative plan will be implemented following a TDY in May. Activities are planned to start with the rainfed agricultural season in June.

► **Development of Scope of Work - Morocco**

Dave Swift and Ed Kanemasu developed a Scope of Work with host country collaborators for the mountainous regions of Morocco. The five-year project has two phases. Phase I begins immediately with the implementation of the SANREM methodology for participatory problem delineation and solution. Phase I also includes the development of the GIS/simulation modeling analytical framework. Phase II will begin in year two and will consist primarily of on-farm trials of materials and techniques aimed at mitigating the problems uncovered during the appraisals of Phase I. The Scope of Work can be found as Attachment J.

► **Presentation at World Bank Meeting - Morocco**

Dr. Bill Hargrove attended a planning workshop January 30 - February 5 entitled "Aide-Memoire de la Mission de Preparation et Pre-Evaluation du Projet de Developpement Rural et Protection de l'Environnement de Montagne (RIF/HAUT ATLAS)". The outcome of the Planning Workshop funded by the World Bank will be a strategy for the proposed project in the Rif Mountains. The SANREM CRSP methodologies were presented at that workshop by Morocco collaborator, Dr. Fouad Rachidi. The Trip Report can be found as Attachment K.

► **Gender/User Working Group Planning Meeting**

A planning meeting was held March 7 in Charlotte, North Carolina, to plan the upcoming forum on the integration of participatory development and participatory research in domestic and international programs. Members of the Planning Committee include Dan Gudahl and Jennifer Shumaker (Heifer Project International), Bill Hargrove (SANREM ME), Bob Rhoades (UGA), Cornelia Flora (Virginia Tech), Suchet Louis and Bob Zabawa (Tuskegee University), Bob Gurevich and Ralph Montee (PVO/University Center), Paula Ford (USDA/SARE/ACE), Bryan Duncan (Auburn University).

The focus of the forum will be participatory methodologies, including the definition of participation, soliciting and maintaining participation, measures of participation and

monitoring/evaluating participation.

► **Finalized E-Mail Conference on Indicators of Sustainability**

The SANREM CRSP e-mail conference on indicators of sustainability has "officially" come to a close as moderator Bob Hart, INFORUM, compiled a discussion summary and an evaluation was completed by participants. From this conference, the material will be formally summarized as plans crystalize for the face-on conference on Indicators of Sustainability to be held in Rosslyn, Virginia, August 1 to 5.

Additionally, new tables will be set up for continuing discussions of indicators of sustainability topics. For SANREM, there will be a table moderated by Barbara Bellows (e-mail address: [BELLOWS@WSUVM1.CSC.WSU.EDU](mailto:BELLOWS@WSUVM1.CSC.WSU.EDU)). There will also be UNDP SARD Table moderated by Chuck Benbrook (email address: [CBENBROOK@IGC.APC.ORG](mailto:CBENBROOK@IGC.APC.ORG)). Other tables may be forthcoming for various issues. The bulletin board (BB) will continue as it was. The summary discussion can be found as Attachment L.

► **Presentation at Alternatives to Slash and Burn Conference - Cameroon**

More of the SANREM CRSP philosophy was disseminated in March when Bill Hargrove attended the Global Steering Committee of Alternatives to Slash and Burn Agriculture which met in Yaounde Cameroon, Africa in March. Dr. Hargrove served as a resource person for the steering committee which espouses values and philosophies similar to those held by SANREM. SANREM's representation at the conference opened the door for collaboration, especially for the working groups. The Trip Report can be found as Attachment M.

► **Presentation to Southern Association of Agricultural Experiment Station Directors**

Dr. Bill Hargrove presented an overview of SANREM activities and policies to the annual meeting of the Southern Association of Agricultural Experiment Station Directors held in Williamsburg, Virginia, April 13. The presentation was part of a mini-seminar on sustainable agriculture.

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

#### **SANREM Training in the Philippines and Burkina Faso**

##### **Philippines**

40 participants took part in a training and integration program which provided for a shared vision of the SANREM CRSP while empowering stakeholders with integrated implementation strategies. The event was organized by local NGOs, local government and the SANREM Site Coordinator and was held at the site in the Philippines.

Individuals representing the Department of Agriculture, University of the Philippines at Los Baños, the International Rice Research Institute, Central Mindanao University, Department of Environment and Natural Resources, the Bureau of Soil and Water Management, the Municipal and Provincial Government, the National Power Company, the Network for Environmental Concerns, SHAISI Foundation, Green Mindanao, the Tala-andig Tribe and local community members, and several U.S. Universities worked together for three days to renew the understanding of the philosophical cornerstones of the SANREM CRSP and research methodologies as well as to allow the work plan proponents to better integrate their work plans (including timing and methodologies) and discuss plans for coordination and integration.

##### **Burkina Faso**

In Ouagadougou, 50 participants were trained in the cornerstones of SANREM CRSP methodologies and work plan development. A collaborative team of trainers from Burkina Faso and the U.S. Universities led sessions which addressed the definition, process and monitoring of participation; gender as it relates to participation; concepts of landscape/lifescape and inter-institutional collaboration. As a training and planning component of the session, participants were imparted guidelines for preparing work plans, including format and key elements.

##### **SANREM Philippine Community Based Training**

Seventy three representatives of the Lantapan Municipality participated in a seminar/workshop to promote community awareness and support of local SANREM activities by discussing the work plans for the Manupali Watershed and methods of information dissemination. Organized by the Community Advisory Committee, the meeting was attended by representatives from the Barangay Development Council and the hugpongs. The workshop brought together local government and planning sectors with informal community based groups.

##### **E-Mail Conference on Indicators of Sustainability Brings Concepts Together For 200 people from 35 Countries.**

There were many seats at the "table" and the SANREM CRSP, through Conference Moderator, Bob Hart, organized a multi-perspective discussion on Indicators of

Sustainability. Over a three month period, individuals addressing the topic from both a theoretical and practical perspective gathered their experiential resources to approach the topic by a) defining a framework, b) agreeing on what systems (phenomena) will be sustained, and c) developing a set of indicators for prediction of the future state of these systems. This activity laid some critical groundwork for the evaluation and selection of indicators, and measuring and using indicators. Although, it was known that the e-mail conference would be followed by a face-to-face conference in August, 1994, participants have asked to continue the e-mail discussion past the original closing date.

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

Due to a strong request by collaborators in Burkina Faso to host a training on SANREM philosophies and work plan development, the finalization of the Finalization of the Frame Work Plan and Extension of the Invitation to Work have been postponed. The Burkinabe and U.S. collaborators, learning from experiences in the Philippines, decided to maximize efficiency from Frame Work Plan development to implementation. Since that training, the writing team of the Frame Work Plan have been working diligently on prioritized research questions which reflect the methodologies emphasized in the training.

## V. Financial Status

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

**QUARTER ENDING APRIL 30, 1994**

COST ELEMENT	PLANNED LIFE OF PROJECT BUDGET	CUMULATIVE ANNUAL BUDGETS	AMOUNT SPENT THIS QUARTER	AMOUNT ACCRUED THIS QUARTER	CUMULATIVE AMOUNT SPENT TO DATE	BALANCE
<b>MANAGEMENT ENTITY</b>						
SALARIES	750,518.00	287,298.00	38,046.28	0.00	247,689.50	39,608.50
FRINGE BENEFITS	202,230.00	76,402.00	10,321.54	0.00	68,067.14	8,304.86
CONSULTANTS	34,580.00	5,120.00	5,939.66	0.00	5,939.66	(819.66)
TRAVEL/TRANSPORTATION					0.00	
-DOMESTIC	119,859.00	26,439.00	5,006.95	0.00	24,211.47	2,227.53
-INTERNATIONAL	152,001.00	41,841.00	3,499.40	0.00	31,763.46	10,077.54
OTHER DIRECT COST	78,703.00	108,099.00	36,823.63	0.00	197,819.41	(89,520.41)
INDIRECT COST	661,439.00	340,474.00	49,662.42	0.00	250,094.64	81,379.36
<b>SUBTOTALS</b>	<b>1,999,110.00</b>	<b>885,673.00</b>	<b>149,299.98</b>	<b>0.00</b>	<b>834,415.28</b>	<b>51,257.72</b>
<b>RESEARCH SUBCONTRACTS</b>						
<b>US COLLABORATORS</b>						
UNIVERSITY OF GEORGIA	1,956,548.00	942,925.00	2,242.54	0.00	325,756.63	617,168.37
PVO/UNIVERSITY CENTER	405,568.00	197,050.00	58,790.00	72,845.00	183,395.00	13,655.00
VIRGINIA TECH UNIVERSITY	417,052.00	179,487.00	15,003.13	23,293.59	121,015.98	58,471.02
UNIVERSITY OF WISCONSIN	664,187.00	190,290.00	26,518.48	17,447.38	71,036.15	119,253.85
COLORADO STATE UNIVERSITY	184,950.00	46,249.00	0.00	0.00	0.00	46,249.00
USDA ARS	119,190.00	23,838.00	0.00	0.00	1,062.00	22,776.00
TUSKEGEE UNIVERSITY	398,629.00	134,325.00	0.00	0.00	20,138.82	114,186.18
HEIFER PROJECT INTERNATIONAL	240,000.00	424,584.00	79,461.83	0.00	117,190.69	307,393.31
AUBURN UNIVERSITY	499,100.00	154,820.00	9,725.01	0.00	31,209.30	123,610.70
WASHINGTON STATE UNIVERSITY	265,000.00	108,000.00	9,585.20	19,038.43	33,271.69	74,728.31
<b>INTERNATIONAL COLLABORATORS</b>						
IRRI	801,894.00	215,590.00	0.00	0.00	0.00	215,590.00
PCARRD	301,860.00	145,744.00	0.00	0.00	0.00	145,744.00
INTERNATIONAL POTATO CENTER	126,725.00	0.00	0.00	0.00	0.00	0.00
ICRAF	94,000.00	0.00	0.00	0.00	0.00	0.00
ICRISAT	152,350.00	0.00	0.00	0.00	0.00	0.00
AVRC	99,325.00	64,865.00	0.00	0.00	0.00	64,865.00
FUNDAGRO-ECUADOR	325,380.00	0.00	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	0.00
PLAN INTERNATIONAL BOULSA						
-BURKINA FASO	632,802.00	126,560.00	0.00	0.00	0.00	126,560.00
<b>SUBTOTAL-RESEARCH CONTRACTS</b>	<b>8,000,890.00</b>	<b>2,954,327.00</b>	<b>201,326.19</b>	<b>132,624.38</b>	<b>904,076.26</b>	<b>2,050,250.74</b>
<b>TOTAL AMOUNT</b>	<b>10,000,000.00</b>	<b>3,840,000.00</b>	<b>350,626.17</b>	<b>132,624.38</b>	<b>1,738,491.54</b>	<b>2,101,508.46</b>

PARTICIPANT TRAINING EXPENDED TO DATE TOTALS \$122,422.86 THESE AMOUNTS ARE INCLUDED IN THE RESEARCH SUBCONTRACTS.

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

### **► Philippines Trip Report, March 12 - 25, 1994**

Constance Neely, Bill Hargrove, Cornelia Flora, and Bill Deutsch traveled to the Philippines for a Training and Integration Workshop at SHAISI and at Central Mindanao University in Alanib, Lantapan, Bukidnon. The purpose of this workshop was to renew the understanding of the philosophical cornerstones of the SANREM CRSP and research methodologies as well as to allow the work plan proponents to better integrate their work plans (including timing and methodologies) and discuss plans for coordination and integration.

### **► Philippines Trip Report, March 11- April 1, 1994**

Bill Deutsch traveled to the Philippines to examine water sites and set up a schedule for gathering data on water quality. He also attended the Training and Integration Workshop.

### **► Burkina Faso, April 18-23, 1994**

Bill Hargrove, Mudiayi Ngandu, Irma Silva-Barbeau, Suchet Louis and Arne Vanderburg traveled to Burkina Faso to conduct a participant training workshop and planning activity, April 19-21. After the training sessions they met with the National Coordinating Committee on April 22.

### **► Burkina Faso, February 9-17, 1994**

Dr. Mudiayi Ngandu traveled to Burkina Faso to participate in the finalization of the Priming Program. He attended the February 16 Meeting of the Community Advisory Committee for revision of the Frame Work Plan.

### **► Burkina Faso, April 10-24, 1994**

Galen Harbers and Ian Flitcroft traveled to the village of Donsin April 10-24 to install two weather stations and train collaborators to collect the data.

### **► Ecuador, April 24 - May 3, 1994**

Bob Rhoades traveled to Ecuador to initiate networking with agencies already there and to explore some possible sites for SANREM activities.

### **► Honduras and Costa Rica - March 14-20, 1994**

Kevin McSweeney, Jess Reed, and Ralph Montee traveled to Honduras and Costa Rica

to explore with two leading higher educational agricultural training institutions in Central America--L'Escuela Agricola Panamericana (PanAmerican School of Agriculture) or EAP at Zamorano, Honduras, and L'escuela De Agricultura De La Region Tropical Humedal (Agricultural College for the Humid Tropical Region or EARTH in Costa Rica--the prospects for establishing a Latin American network to work on indicators of agricultural and natural resources sustainability.

► **Morocco, January 30 - February 5, 1994**

Bill Hargrove attended a planning workshop entitled "Aide-Memoire de la Mission de Preparation et Pre-Evaluation du Projet de Developpement Rural et Protection de l'Environnement de Montagne (RIF/HAUT ATLAS)".

► **Cameroon, March 24-25**

Bill Hargrove attended the Global Steering Committee of Alternatives to Slash and Burn Agriculture which met in Yaounde Cameroon, Africa. SANREM's representation at the conference opened the door for collaboration, especially for the working groups.

## **VII. Attachments**

- A. Trip Report - Philippines Participant Training
- B. Philippines Work Plan Matrix
- C. Trip Report - Water Quality Data Gathering
- D. Trip Report - Finalization of Priming Program in Burkina Faso
- E. Work Plan for Burkina Faso Priming Program
- F. Trip Report - Participant Training in Burkina Faso
- G. Trip Report - Weather Station Installation in Burkina Faso
- H. Trip Report - Site Selection Trip to Ecuador
- I. Trip Report - Work Plan Writing Trip to Honduras/Costa Rica
- J. Scope of Work for Morocco
- K. Trip Report for Morocco

**L. Summary Discussion of Indicators of Sustainability E-Mail Conference**

**M. Trip Report for Cameroon**

**N. Acronyms**