

Afghanistan-Pakistan Activities
Quarterly Report-V
(October-November-December 2003)
Sustainable Development of Drylands Project
IALC-UIUC

Introduction:

The principle event during this quarter was the October 8-25 TDY in Pakistan and Afghanistan by the project manager, John Santas and senior advisor, Oval Myers. Project Director Freitas joined us for the October 12-19 period of this TDY. Appointments and in-country logistical arrangements for our visit were made by Field Office Director, Abdul Qayyum Khan. During the TDY we worked as a team of four, to develop long range plans and make substantial progress toward this component's objectives.

Myers and Santas have written separate trip reports. This was done to give complete coverage to the many items that were in our scope of work and to sufficiently capture the breadth and significance of our accomplishments. Draft reports were submitted to Project Director Freitas for preliminary information on November 5. These draft versions were distributed by the Project Director on November 13. After reaching final-version status, both trip reports were submitted to the Project Director on November 24 to be posted on the web site and placed in IALC files.

Activities of this period (October 1-December 31):

Our October interaction with AID/Kabul representative Karri Goeldner, resulted in a verbal commitment of supplemental support at the requested level of \$360,000. When added to core funds in our Cooperative Agreement, this will allow us to conduct at least six organized short courses during calendar year 2004. Our present understanding is that the supplemental funding from AID/Kabul will be routed through their contract with Chemonics International for the RAMP Project. We will be able to access those funds by submitting proposals to RAMP for each training activity. RAMP Project funds will then be released to IALC headquarters for subsequent transfer to UIUC.

Having secured this promise of supplemental support from AID/Kabul, Dr. Qayyum used much of his time during the month of November to develop plans for calendar year 2004 training programs. A one-page calendar of possible short course offerings for 2004 is attached to this report, along with an announcement and outline for the first two courses. These courses will follow a pattern very similar to the three courses that were completed during August and September 2003. That is, they will be conducted in Peshawar and the NWFP, using core funds for support. The first two courses for 2004 (Nos. 0104 and 0204) have already been announced and nominations were coming in at a brisk pace. We anticipate having 20 participants in each course.

Dr. Qayyum carried these 2004 plans when he departed Islamabad on December 14 for a one-week visit to Kabul. It should be noted in the course announcements that nominations are being received by M. Sharif Abbasi. One of the objectives of our

October TDY was to identify a point of contact in Kabul for IALC training programs. That was accomplished and Mr. Abbasi is serving in that capacity. While Dr. Qayyum was in Kabul, he was involved in a series of in-depth discussions and planning sessions with Mr. Abbasi, to get our 2004 training programs off the drawing board and set into motion. As these two men work together, we will likely discover increasing levels of complementarity and synergy between RAMP and IALC efforts in Afghanistan.

Dr. Qayyum was accompanied by two NWFP-AU faculty members who were selected by the Vice Chancellor as his representatives. They were: Dr. Zar Quresh, Director of Outreach, and Dr. Anwar Chishti, Director of the Institute of Business and Management Sciences. Both made valuable contacts. Professor Chishti is coordinating the course on Enterprise Development and Management Skills that will be held in Kabul March 22 to April 19. He was able to work with Kabul University personnel to make advance arrangements for that course. Professor Quresh visited research stations around Kabul and in the Jalalabad area. He was able to make progress on research collaboration that will lead to "twinning" of selected Afghan and Pakistani research stations. These twinning arrangements will then lead to individualized short-term training programs at research stations in the NWFP-AU system for Afghan scientists. Further details can be found in trip reports that have been prepared by these travelers.

During our October TDY, as part of our wrap-up activities in Islamabad, we met with AID Mission Director Mark Ward and Dr. Margaret Harritt, Program Manager. They expressed regret that the TIPAN Project had been terminated after 10 years (due to the Pressler Amendment) instead of continuing for the originally-planned 15 year period. They also expressed strong support for the IALC training project because it has the potential to develop a "good neighbor" relationship between Pakistan and Afghanistan. At the time of these discussions, it seemed quite clear that any support or buy-in from AID/Islamabad would be invested in strengthening the NWFP Agricultural University; to ensure that they are up to the task of delivering the educational programs that are needed at this stage in Afghanistan's recovery. The Islamabad Mission is also looking beyond this near-term goal and has visions of the NWFP-AU becoming a regional power in agricultural education and research and a regional center of excellence.

AID/Islamabad requested a proposal which presents ideas on how we might accomplish these two objectives; i.e., 1) Strengthening the NWFP-AU so they can provide training programs needed by Afghanistan; and 2) Helping that university position itself to become a center of excellence in the South Asia region. The requested proposal, presenting 14 specific suggestions, has been prepared by the Illinois team and was submitted to AID/Islamabad on December 4. Margaret Harritt has acknowledged receipt, but we are awaiting a more formal and specific reply.

Progress was made on assembling an advisory committee that can relate specifically to this component. The Afghanistan-Pakistan Training (APT) Group has been formed and will hold its initial meeting on January 13, 2004. At present there are nine members. Half of them are TIPAN project veterans, having served on the resident technical assistance team. The others are active faculty members drawn from both UIUC and SIUC. Prof. Jeff Dawson, UIUC representative on the IALC Technical Advisory

Committee, is also a member of the APT Group. This committee will serve as a valuable sounding board. Members may also be able to take on TDY assignments as needed.

Near the end of this quarter arrangements were being made for the Illinois visit of Dr. Qayyum. The primary reason for his travel is to participate in a January 15 briefing session which has been arranged for staff of the Bureau for Asia and the Near East (ANE) in USAID Washington. Prior to that briefing session, he will be working with colleagues in Illinois on RAMP proposals and a host of other items that need our attention. Dr. Qayyum also participate in the January 13 APT Group meeting.

Activities planned for the following period (January 1-March 31, 2004)

The January 13 APT Group meeting and the January 15 ANE briefing session (subsequently postponed to February 12) are already on the calendar and have been mentioned above. Most of the activities mentioned in the previous section, especially the 2004 calendar of training activities, will require careful monitoring and follow up. This applies especially to proposals and other documentation needed by the RAMP project to keep financial resources flowing. Continuation of the Training Needs Assessment Survey, already initiated by Dr. Myers and explained in his trip report, will require our time and attention as that process moves forward.

Organized short courses and similar types of short term training programs have proven very popular among NGO's, Ministries and other groups in Afghanistan that nominate individuals for training. The NWFP-AU has convincingly demonstrated that they can deliver these types of training programs in a way that will meet everyone's expectations. We are confident that the short courses conducted in Afghanistan in 2004 will also be successful. We will continue to offer these types of training programs. It is also our intent to expand the programs we offer by selecting well-qualified candidates for long-term degree study and getting them enrolled in B.Sc. and M.Sc. programs at the NWFP-AU. Degree level training is needed for sustainability of development in Afghanistan.

Extension and renewal of the Memorandum of Agreement between the NWFP-AU and the Illinois Universities (UIUC and SIUC) is still on our agenda. The review and approval process in Pakistan should be near completion, allowing this agreement to come off the Vice-Chancellor's desk and go to Illinois for final signatures. This agreement will resemble the one that was executed in 1994 at the time of TIPAN Project completion. When that agreement is finalized and in place, we anticipate the negotiation of a subsequent document between the Illinois Field Office and the Vice Chancellor's office. This agreement will deal with logistical, administrative and financial matters related to the delivery of training programs for Afghan agricultural scientists.

TENTATIVE CALENDAR OF ORGANIZED SHORT COURSES FOR 2004

Announcement No.	Course Title	Location	Duration	Deadlines for nominations
0104	Orchard and Nursery Management	Peshawar	February 9 – March 8, 2004	January 10, 2004
0204	Training of Trainers in Sustainable Use of Water Resources - Engineers	Peshawar	February 9- March 8, 2004	January 10, 2004
0304	Enterprise Development and Management Skills	Kabul	March 22- April 19, 2004	March 01, 2004
0404	Extension Methodology & Technology Transfer	Kabul	March 22- April 19, 2004	March 01, 2004
0504	Preservation of Fruits and Vegetables	ARI/Tarnab Peshawar	May 20- June 20, 2004	April 30, 2004
0604	Integrated Pest Management	Peshawar	June 10- July 9, 2004	May 20, 2004
0704	Irrigation and Water Management Practices for Agricultural Officers	Peshawar	To be announced later	To be announced later
0804	Post Harvest Management and Marketing Skills	Peshawar	To be announced later	To be announced later
0904	Animal Nutrition	Peshawar	To be announced later	To be announced later

ANNOUNCEMENT NO. 0104

COURSE TITLE: ORCHARD AND NURSERY MANAGEMENT

WHEN: February 9 through March 8, 2004

WHERE: NWFP Agricultural University, Peshawar

WHO SHOULD ATTEND: Agriculture Officers, having a minimum of B.Sc (Agriculture/ Horticulture) degree, working with Agriculture Departments, Universities and NGOs.

DEADLINE FOR NOMINATIONS: **January 10, 2004**

MAJOR TOPICS

I. Orchard Management

1. Layout of orchards
2. Nutrition of fruit trees through fertilizer/farmyard manure
3. Irrigating the orchards/Methods and time
4. Intercropping
5. Interculturing
6. Weed Control
7. Soil Management Techniques
8. Pruning techniques
9. Laboratory Exercises
10. Field Visit to Research Institutes/Stations

II. Nursery Management

1. Objectives of nursery raising
2. Plant propagation methods
3. Seasons of planting/budding
4. Care of nursery plants
5. Stool bed raising
6. Dwarfing rootstocks
7. Marketing of fruit plants
8. Field visit to Research Institutes/Stations

III. Vegetable Crops

1. Vegetable crops production in water stress scenario
2. Problems associated with shortage and liberal irrigation
3. Innovations in vegetable production
4. Vegetable seed industry

IV. Landscape Horticulture

1. Cut flower production and export possibilities
2. Seasonal ornamental plants and their production

COURSE COORDINATOR:

Professor Dr. Faridullah Wazir
Chairman, Department of Horticulture
NWFP Agricultural University, Peshawar

WHERE TO SEND NOMINATIONS:

Nominations consisting of participant's CV be sent to:

Mr. Sharif Abbasi

Training and Conference Coordinator, RAMP
Ministry of Agriculture & Animal Husbandry
Karti-Sakhi, Kabul, Afghanistan
Mobile: 0093 (0) 70277917
Email: msharifabbasi@yahoo.com

PARTICIPANTS' FEED BACK:

Nominating agency/ organization/Department must share the above course contents with the potential participant asking him to write one page note by answering the following questions and that this note be attached with his CV. This would allow us to make adjustments in the course contents to make it need oriented.

Questions:

- ◆ What are your expectations of the course you are about to take.
- ◆ Based on course contents outlined above, how do you perceive this will help you in your current situation; and
- ◆ What additional objectives or needs would you like the course to address.

TRAINING DIRECTOR:

Dr. Abdul Qayyum Khan

Director, University of Illinois at Urbana Champaign Field Office
NWFP Agricultural University
Peshawar, Pakistan
Telephones: 092-091-9216385, Mobile: 0300-954-0143
Email: aqkhan284@yahoo.com

ANNOUNCEMENT NO.0204

COURSE TITLE: TRAINING OF TRAINERS IN SUSTAINABLE USE OF WATER RESOURCES- AGRICULTURAL/CIVIL ENGINEERS

WHEN: February 9 through March 8, 2004

WHERE: NWFP Agricultural University, Peshawar

WHO SHOULD ATTEND: Agricultural Engineers/Civil Engineers, having a minimum of B.Sc (Agricultural Engineering/Civil Engineering/Water Management) degree, working with Agriculture and Irrigation Departments, Universities and NGOs.

DEADLINE FOR NOMINATIONS: **January 10, 2004**

MAJOR TOPICS:

- ◆ Importance of irrigation in Afghanistan
- ◆ Water sources and quality of irrigation
- ◆ Small scale irrigation infrastructure development
- ◆ Scheme Development Process Identification of potential sites for development, selection survey, design of the scheme, agreement between farmers
- ◆ Construction agreement, operation training, scheme monitoring
- ◆ Irrigation schemes development program selection criteria, reviewing farmers request, farmers contribution, organizing the information meeting
- ◆ Crop water requirements
- ◆ Different irrigation methods, surface irrigation, pressured irrigation system
- ◆ Hydraulic of open channel; design of lined channel, design of stable unlined channels, Operation and Maintenance of irrigation channels.
- ◆ Types of cross drainage structures and their design
- ◆ Design of retaining wall, supper passage, aqueduct and culvert
- ◆ Flow measurements, different structures for flow measurement
- ◆ Water distribution system and irrigation application methods (surface, sprinkle and trickle)
- ◆ Losses in pipeline, major losses due friction, Hazen William Foirmula
- ◆ Minor losses, losses due to bends and elbow, water hammer
- ◆ Pressure relief valves, problems related to pipe flow
- ◆ Field visits for practical training

COURSE COORDINATOR

Professor Dr. Mohammad Jamal Khan
Chairman, Department of Water Management
NWFP Agricultural University, Peshawar

WHERE TO SEND NOMINATIONS:

Nominations consisting of participant's CV be sent to:

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Ministry of Agriculture & Animal Husbandry
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