

**Afghanistan-Pakistan Activities
Quarterly Report-VI
(January-February-March 2004)
Sustainable Development of Drylands Project
IALC-UIUC**

Introduction:

There were two principal activities completed this quarter:

The first two courses on the calendar year 2004 list of offerings were conducted concurrently at the Northwest Frontier Province Agricultural University (NWFP-AU) during the period February 10 through March 9. The titles and numbers of those courses were: "Orchard and Nursery Management" (0104) and "Sustainable Use of Water Resources" (0204). Both courses were filled to capacity.

Work was completed on an AID/Kabul buy-in, which will provide \$400,000 in supplemental funding to support a varied menu of training programs that are scheduled for the balance of fiscal year 2004. Based on the recommendation of AID/Kabul, we used the Job Order and Proposal format to access funds that have been allocated to the RAMP Project. Chemonics International Inc. is the implementing contractor for RAMP (Rebuilding Agricultural Markets in Afghanistan Program).

Details on these principal activities are given in the section which follows:

Activities of this period (January 1-March 31):

The two courses completed this quarter bring us to a total of five organized short courses that have been conducted during the life of our Cooperative Agreement. A total of 84 Afghan trainers and advisors have been reached through these courses. It is our intent to reach another 100 Afghan agriculturalists through these short courses during the remaining months of 2004. Our plans for specialized short term individual training programs and M.S. degree starts will add to the total number of Afghans reached.

Documents annexed to this report will provide more detail on the two courses completed this quarter. The documents attached are:

1. The daily schedule of topics covered, training activities used, and instructors responsible; covering the four-week duration of each course.
2. Lists of participants in each course, with their background information. We were especially pleased that four female participants were part of the Ministry of Irrigation contingent that was sent to the Water Resources course.
3. Summaries of the evaluations completed by the participants in both courses.

M. Sharif Abbasi, Training and Conference Coordinator for RAMP, was able to observe during the last week of instruction and participate in course closing ceremonies.

A detailed proposal and the job order were submitted to the RAMP Project office in Kabul on January 23. A portion of Dr. Qayyum's January TDY in Illinois was used to prepare this submission. These supplemental funds have been programmed to support human capacity development through the following: 1) Five more organized short courses offered during the balance of 2004; 2) Specialized individual training of two weeks duration for up to 16 scientists or administrators; 3) Ten M.Sc. degree program starts; 4) One Assistant Training Coordinator, to serve as the IALC/Illinois point-of-contact and project representative in Kabul. We were informed that our job order was submitted to AID/Kabul on February 17, approved at that level before the end of February, and returned to RAMP for their further action and processing.

In spite of everyone's best efforts, good intentions, and belief in the value of these training programs; the approval and processing of our job order was delayed. Near the end of this reporting period, a recommendation was made that our Assistant Training Coordinator be located in the office of Mercy Corps-Afghanistan instead of with RAMP, as had been the previous plan. The Illinois Team has accepted this recommendation, thus all the key players (AID, RAMP, Mercy Corps, and UIUC) have reached agreement that our use of the Mercy Corps location is in everyone's best interest. With this decision made, the last hurdle was cleared. On March 31, we were informed that the RAMP office in Kabul had approved our job order and begun processing the transfer of funds.

The two courses completed in February/March (0104 and 0204) were supported by core funds in the cooperative agreement. The next two courses on the 2004 calendar (that calendar was attached to the previous quarterly report) are dependent on the AID/Kabul buy-in through RAMP for financial support. Those courses were scheduled to begin on March 22. They were to be held in Kabul, using classrooms and facilities at Kabul University, with professors from the NWFP-AU as instructors. The titles of the courses to be offered in Kabul are: "Enterprise Development and Management Skills" (0304) and "Extension Methodology and Technology Transfer" (0404). The March 22 start date of these courses had to be postponed when the approval and processing of our job order for supplemental funding was delayed. Now that funds have been released, a May 1 start date has been set and course announcements are being distributed by the Kabul-based Assistant Training Coordinator. Those course announcements are attached to this report.

We realize that we must move toward offering more courses in Kabul and/or at other locations in Afghanistan. Using training sites in Afghanistan will introduce an element of uncertainty, with new and unique challenges. To begin addressing these challenges, Dr. Qayyum used some of his January TDY to obtain resource materials from selected UIUC/SIUC units and staff, for use by NWFP-AU faculty who are delivering the above-mentioned courses in Kabul. Course outlines and syllabi were reviewed by Illinois faculty and comments were carried back. We were especially fortunate that the UIUC Office of Information Technology and Communication Services donated instructional materials valued at more than \$600 for use in these upcoming

courses. A review and critique was also done by UIUC faculty on the plans and syllabus for “Integrated Pest Management” (0604) which will be offered in Peshawar June 10 to July 9.

Another use of Dr. Qayyum’s TDY was in preparation of hand-out materials and a PowerPoint presentation that would eventually be used in the February 12 briefing for staff of the USAID/Washington Bureau for Asia and the Near East. A preliminary version of that presentation was used at the first meeting of the Afghanistan-Pakistan Training (APT) Group, which was held on January 13. It was especially valuable to have Dr. Qayyum with us as a participant in the APT Group organizational meeting. This PowerPoint presentation was later given by Prof. Jeff Dawson on March 3 in his capacity as UIUC representative to the IALC Technical Advisory Committee.

Responses to our short courses offerings, especially from NGO’s, continue to be positive and gratifying. As they nominate their employees to participate in these courses, we receive comments such as the following from COOPI – Cooperazione Internazionale:

“The course is very well planned and perfectly answers specific training options that we are looking for. At the moment they are completing an 8 month project aimed to develop vegetable production in the peri-urban agriculture of Kabul. In the next months our organization counts to extend its activities also to orchard and nursery management.”

and a similar endorsement from IRC – International Rescue Committee:

“Your courses have been a success among the staff. They all are very motivated. Please remember if there is any cancellation or extra place, I will be happy to send extra staff to the course. Also if there is any other course schedule for the future I would be happy to start looking into it”.

Another example is the positive response from Mercy Corps to the proposal that they provide office space and support to the Assistant Training Coordinator who will represent the IALC/Illinois in Kabul. Mercy Corps has also requested a tailor-made two-week course, specifically for a group of 15 to 20 women, on fruit and vegetable preservation.

Activities planned for the following quarter (April 1 - June 30):

With the release of supplemental funds by RAMP, our Assistant Training Coordinator will be installed in the offices of Mercy Corps-Afghanistan to begin serving as the IALC/Illinois point of contact in Kabul. An exceptionally well-qualified individual has been identified and has reported for duty. Mohammad Agha Jabarkhil is an Afghan national, who holds B.Sc. and M.Sc. degrees from the NWFP-AU. He reads, writes and speaks English, as well as all the ethnic languages used in Afghanistan. His c.v. is available on request. Mr. Agha will be a critical part of our plans to deliver the next two courses in Kabul. He will distribute course announcements, screen and select nominees, then provide participants with advance information. His responsibilities will also include monitoring and providing logistical support while the courses are being conducted.

We have been informed that review of our “Proposal to Strengthen the NWFP Agricultural University” is nearly complete. AID/Islamabad is expected to deliver their comments and a preliminary response in April. The next steps on this potential set of activities, in terms of working out contracting mechanisms and implementation plans, could occupy much of our time and attention during this quarter. The additional financial support that we hope to secure through this proposal could prove extremely helpful to our long-range overall plans for the Afghanistan training program.

A revision and extension of the existing Memorandum of Understanding (MOU) between the NWFP-AU and the Illinois universities (UIUC and SIUC) will be on the agenda for the April meeting of the NWFP-AU Syndicate (Faculty Senate). Shortly after that, the MOU should be signed by the Vice Chancellor and on its way to Illinois for signatures on our respective campuses. We need this agreement to formalize our continuing cooperation. Subsequent to the MOU, an Implementation Letter will be drawn up between the Field Office and the Vice Chancellor’s office, to clarify operational matters related to training program delivery. We will also continue our efforts to “broker” a working relationship and a formal agreement between the NWFP-AU and the Kabul University Faculty of Agriculture. The Illinois universities may be included as a cooperating third party in the envisioned agreement between these two universities.

Later in the quarter, preparations will need to be made for another APT Group meeting. This group will likely hold two meetings each year, in February and July, so they are timed to precede the regular meetings of the IALC Technical Advisory Committee. Formation of the APT Group was announced in the previous quarterly report, but details on group membership were not included. Membership has been drawn from two sources: A) TIPAN Project veterans and B) Active faculty from UIUC and SUIC.

TIPAN Field Team Veterans, all currently in retirement status, are:

1. William Thompson – Design Team Leader and Senior Advisor
2. Rodney Fink – Crop Sciences Specialist
3. Don Kuhlman – Continuing Education Specialist
4. Carl Hausler – Animal Husbandry Specialist

APT Group members drawn from active faculty ranks are:

1. Phil Eberle – SIUC Agribusiness Professor and former Peace Corps Volunteer in Afghanistan
2. Jeff Dawson – UIUC Forestry Professor and Representative to the IALC Technical Advisory Committee
3. Schuyler Korban – UIUC Plant Genetics Professor and Chair of the International Activities Policy Committee
4. Julia Wetstein – SIUC Assistant Dean for External Affairs and Director of International Agriculture

Oval Myers and John Santas are ex-officio members of the APT Group and are TIPAN Project veterans. Dr. Meyers was leader of the Technical Assistance Team during the final three years of the project. Dr. Santas managed the participant training and staff development component during the ten-year life of the TIPAN Project.

**SHORT TERM-TRAINING COURSE – 0104
ORCHARD AND NURSERY MANAGEMENT
SPONSORED BY USAID/IALC/UNIVERSITY OF ILLINOIS AT URBANA CHAMPAIGN
TO BE CONDUCTED BY NWFP AGRICULTURAL UNIVERISTY, PESHAWAR
FEBRUARY 10, 2004 TO MARCH 8, 2004**

Date	Day	Topic & Time 8:00—10:00	Tea Break 10:00-10:30	Topic & Time 10:30—12:30	Topic & Time 12:30—14:30
10.02.2004	Tuesday	Inaugural Session/ Acquaintance		Briefing on Farm Horticultural Development (Prof. Dr. Faridullah Khan Wazir)	Visit of Activities at Malkandher Farm Hort. (Prof. Dr. Faridullah Khan Wazir)
11.02.2004	Wednesday	Nutrition of Orchard (Prof. Dr. Faridullah Khan Wazir)		Layout of Orchards (Prof. Dr. Noor Badshah)	Practical Aspects of Orchard Layout & Nutrition in Malkandher Farm Hort. (Dr. Noor Badshah/ Mr. Gohar Ayub)
12.02.2004	Thursday	Irrigating the Orchard (Dr. Abdur Rab)		Inter Culturing (Dr. Abdur Rab)	Practical Aspects of Irrigation and Inter Culturing (Dr. Abdur Rab/ Mr. M. Sajid)
13.02.2004	Friday	Marketing of Fruits (Dr. Abdur Rab)		Marketing of Fruits (Dr. Abdur Rab)	Marketing of Fruits (Dr. Abdur Rab)
14.02.2004	Saturday	Problems Associated with Shortage & Liberal Irrigation (Dr. Abdur Rab)		Soil Management Techniques (Prof. Dr. Noor Badshah)	Practical Aspects of Water Scarcity/ Accessive Irrigation, Soil Management (Mr. M. Zubair/ Mr. Gohar Ayub)
16.02.2004	Monday	Vegetable Crop Production in Water Stress Scenario (Prof. Dr. Noor Badshah)		Vegetable Production (Mr. S. Ibrar Hussain Shah)	Field Visit and Practical Aspects of Vegetable Production (Dr. Sher Muhammad/ Mr. M. Sajid)
17.02.2004	Tuesday	Nutritional & Environmental Aspects of Fruit Tree Culture (Prof. Dr. Faridullah Khan Wazir)		Vegetable Seed Industry (Dr. Abdur Rab)	Problems and Prospects of Fruits Production (Prof. Dr. Faridullah Khan Wazir)
18.02.2004	Wednesday	Stool bed Raising/Production Nursery (Prof. Dr. Faridullah Khan)		Dwarfing Root Stocks (Prof. Dr. Faridullah Khan)	Nutrition of Stool Bed/ Production Nursery (Prof. Dr. Faridullah Khan)
19.02.2004	Thursday	Visit to ARI Tarnab (Peshawar) for Horticultural Activities (Prof. Dr. Faridullah Khan/Dr. Abdur Rab)			
20.02.2004	Friday	Intercropping (Dr. S. Asghar Hussain)		Plant Propagation (Dr. S. Asghar Hussain)	Field Visit/ Practical Aspects of Intercropping and Plant Propagation (Dr. S. Asghar Hussain)
21.02.2004	Saturday	Cut Flower Production & Export Possibilities (Dr. Noorul Amin)		Seasonal Ornamental Plants and Their Production (Dr. Noorul Amin)	Field Visit of Agic. University Ornamental Nurseries (Dr. NoorulAmin/ Mr. Roohul Amin)
23.02.2004	Monday	Visit of public/private ornamental nurseries and Parks at Peshawar (Dr. Noorul Amin/ Mr. Rohul Amin)			
24.02.2004	Tuesday	Training of Fruit Plants (Dr. Asghar Hussain)		Pruning Techniques (Dr. Asghar Hussain)	Field Visit for Practical Training & Pruning at Malkandher Farm Hort. (Dr. Abdur Rab/ Dr. S. Asghar Hussain)
25.02.2004	Wednesday	Tissue Culture Techniques (Mr. M. Zubair)		Lab Exercises (Mr. M. Zubair)	Visit of Biotechnology Lab. (Mr. M. Zubair)
26.02.2004	Thursday	Replanting Problems (Prof. Dr. Faridullah Khan)		Objectives of Fruit Thinning (Prof. Dr. Faridullah Khan)	The Why and How of Fruit thinning (Prof. Dr. Faridullah Khan)
27.02.2004 To 28.02.2004	Friday To Saturday	Visit Abbottabad Potato Research Centre, Orchard, Nurseries, Tea Research Station Shinkhari and Baffa Research Station (Prof. Dr. Faridullah Khan Wazir/ Dr. Abdul Qayyum Khan)			

Date	Day	Topic & Time 8:00—10:00	Tea Break 10-10:30	Topic & Time 10:30—12:30	Topic & Time 12:30—14:00
29.02.2004 To 03.03.2004	Sunday To Wednesday	Visit of ARS Mingora Swat, Public/Private Nurseries Field Demonstration Plots, Public/Private Orchard (Prof. Dr. Faridullah Khan/ Dr. Abdul Qayyum)			
04.03.2004	Thursday	Orchard Plant Protection Programme (Prof. Dr. Faridullah Khan Wazir)		Weed Control (Dr. S. Asghar Hussain)	Recommendation of Planting Material for Different Ecological Zooms (Prof. Dr. Faridullah Khan Wazir)
05.03.2004	Friday	Planting Distances (Prof. Dr. Noor Badshah)		Cross Pollination (Dr. Sher Muhammad)	Renovation of Old Unpruned Trees (Prof. Dr. Faridullah Khan Wazir)
06.03.2004	Saturday	Certification Awarding Ceremony			

**ON-JOB TRAINING OF TRAINERS COURSE
SUSTAINABLE USE OF WATER RESOURCES FOR AFGHAN ENGINEERS AND AGRICULTURALIST
(FEBRUARY 10, 2004 TO MARCH 9, 2004)**

TO BE SPONSORED BY: USAID

To be conducted by

THE DEPARTMENT OF WATER MANAGEMENT, NWFP AGRICULTURAL UNIVERSITY PESHAWAR

COURSE SCHEDULE

Week 1 (February 10-14, 2004)

Date	Day	08:00-10:00	10:00-10:30	10:30-12:15	12:15-14:00
09-02-04	Mon	The arrival of participants in Peshawar			
10-02-04	Tue	Tea Break and Opening ceremony (9:00 -10:30)		Course outline, Importance of Irrigation in Afghanistan, Surface and Ground Water Resources of Afghanistan. (Dr. Jamal)	Ground water resources and water quality Major and minor irrigation systems in Afghanistan , key issues in irrigation system development and rehabilitation (Dr. Jamal)
11-02-04	Wed	Major and Minor Irrigation Projects planning and Development (Dr. Jamal)	Tea Break	Steps in irrigation system design/rehabilitation (Mr. M. Zubair)	Video on Small irrigation project (Dr. Jamal/Mr. Zubair)
12-02-04	Thu	Soil water relation , Soil properties (Dr. Tahir)	Tea Break	Video on Soil, plant water relationships (Dr. Tahir)	
13-02-04	Fri	Visit to Kabul River Canal System (Mr. Javaid /Zubair)			
14-02-04	Sat	Methods for assessment of ET_0 (Dr. Tahir)	Tea Break	Crop coefficients and Crop water requirements (Dr. Jamal)	

Week 2 (February 16-21, 2004)

Date	Day	08:00-10:00	10:00-10:30	10:30-12:15	12:15-14:00
16-02-04	Mon	Flow measurements, Units of flow measurements, Velocity area method (Dr. M. Jamal)	Tea Break	Current meter for Flow measurement and float method (Engr. Javaid A. Tariq)	Video on flow hydraulics, discharge from pipe outlets (Dr. M. Jamal)
17-02-04	Tue	Stage-discharge relationship (Engr Javaid Tariq)	Tea Break	Hydrology (Runoff Prediction) (Dr. Jamal)	Flow measurements by weirs, RBC flume Parshall flume Discharge, cut throat flume (Mr. Jamal)
18-02-04	Wed	Practical for measurements of discharges, by cutthroat flume, current meter and RBC flume and outlet discharges (Engr Javaid Tariq and Dr. Zubair)			
19-02-04	Thu	Outlets Discharges (Mr. Zubair)	Tea Break	Flow measurement data analysis (Engr. Javaid A. Tariq)	Discharge through submerged orifices and canal gates etc (Mr. Zubair)
20-02-04	Fri	Design of Aqueducts (Dr. Jamal Khan)	Tea Break	Water logging and salinity (Dr. Tahir Sarwar)	
21-02-04	Sat	Field excursion for assessment of conveyance losses in irrigation channel by using flume and current meter (Dr. Jamal and Engr. Javaid A. Tariq)			

Week 3 (February 23-28, 2004)

Date	Day	08:00-10:00	10:00-10:30	10:30-12:15	12:15-14:00
23-02-04	Mon	Water distribution methods (Mr. Zubair)	Tea Break	Water distribution structures (M. Zubair)	Irrigation application methods, Surface, Sprinkle and Trickle (Mr. Nisar Ahmad)
24-02-04	Tue	Surface irrigation, basin irrigation (Mr. Nisar Ahmad)		Furrow irrigation Border irrigation (Mr. M. Zubair)	Maintenance of Irrigations Canal (Engr. Nisar Ahmad)
25-02-04	Wed	Visit to Mardan and Pehur High level canal (Mr. M. Zubair)			
26-02-04	Thu	Sprinkle irrigation, types of sprinkle irrigation (Mr. Zubair)		Trickle irrigation (Dr. Jamal)	Pumping equipments for water wells (Mr. M. Zubair)
27-02-04	Fri	Ground water, Ground water exploration and wells Design (Engr. Javaid A. Tariq)		Pump WHP and BHP requirements and well development (Dr. Jamal)	
28-02-04	Sat	Visit to small irrigation schemes (Mangawara, Swat) (Dr. Jamal and Tauheed)			

Week 4 (March 1-6, 2004)

Date	Day	08:00-10:00	10:00-10:30	10:30-12:15	12:15-14:00
01-03-04	Mon	Hydraulic of Canal Design (Dr. Jamal)	Tea Break	Unlined Canal design (Dr. Jamal)	Lined canal design (Dr. Jamal)
02-03-04	Tue	Canal regulation structures (Dr. Jamal)	Tea Break	Design of outlets (Mr. Zubair)	Design of drop structures (Dr. Jamal)
03-03-04	Wed	Visit to Pehur high Canal and Mardan SCARP (Dr. Jamal , Mr. Zubair and Tauheed			
04-03-04	Thu	Need and Design of cross drainage structures (Dr. Jamal)	Tea Break	Design of supper passage (Dr. Jamal	Design of siphon (Engr. Javaid)
05-03-04	Fri	Assessment of flood runoff for Design of culverts over irrigation canal (Dr. Jamal)		Design of retaining wall (Dr. Jamal)	
06-03-04	Sat	Certificate Distribution Ceremony			

**List of Participants for Orchard and Nursery Management Training Workshop
(9 February – 8 March 2004)**

SN	Name	Father Name	Title	Background	Organization Department
1.	Humdullah	Abdul Aziz	Manager of Extension	BSc	Ministry of Agricultural & Animal Husbandry
2.	Seraj Ahmad	Gul Mir	Technical Member of Extension	Graduate of 12 th grade of Agriculture	Ministry of Agricultural & Animal Husbandry
3.	Naqibullah	Habibullah	Technical Member of Extension	Graduate of 12 th grade of Agriculture	Ministry of Agricultural & Animal Husbandry
4.	Abdul Shakur	Abdul Ghafur	Technical Member of Extension	Graduate of 12 th grade of Agriculture	Ministry of Agricultural & Animal Husbandry
5.	Abdul Khalil	Mohammad Shan	Technical Member of Extension	Graduate of 12 th grade of Agriculture	Ministry of Agricultural & Animal Husbandry
6.	Said Mirza	Said Sekandar Shah	Technical Member of Fruits Development	Graduate of 12 th grade of Agriculture	Ministry of Agricultural & Animal Husbandry
7.	Lal Mohammad	Dur Mohammad	Member of Plants	BSc	Ministry of Agricultural & Animal Husbandry
8.	Mohammad Azim	Mlohammad Taher	Member of grains	Graduate of 14 th grade of Agriculture	Ministry of Agricultural & Animal Husbandry
9.	Haqiqullah	Merajuddin	Technical Member of research	BSc	Ministry of Agricultural & Animal Husbandry
10.	Abdul Mukhtar	Dost Mohammad	Technical Member of research	BSc	Ministry of Agricultural & Animal Husbandry
11.	Mohammad Azim	Mohammad Gul	Technical Member of research	BSc	Ministry of Agricultural & Animal Husbandry
12.	Meraj Gul Serak		Agronomist	MSc	Coopi
13.	Ahmad Hamid		Agronomist	BSc	Coopi
14.	Mohammad Masood Sayeed	Mohammad Rahim	Lecturer of Forestry Department	BSc	Faculty of Agriculture, Kabul University
15.	Abdul Khalid Madadi	Abdul Manan	Lecturer of Plant protection	BSc	Faculty of Agriculture, Kabul University
16.	Dr. Mir Ghowsudin Ghows	Redi Gul	District Team Supervisor	PHD	IRC
17.	Abdul Ghafar	Abdul Maruf	Agriculture Facilitator	BSc	IRC
18.	Nasurllah Khan	Khudai Rahim	Extension Worker	BSc	Mercy Corps
19.	Habibullah	Mohammad Abid	Agriculture Assistant	BSc	Mercy Corps
20.	Mr. Farouq		Horticulturist	BSc	GAA
21.	Mr. Mumtaz		Horticulturist	BSc	GAA

**List of Participants for TOT in Sustainable Use of Water Resources –Agricultural/Civil Engineering Training Workshop
(9 February – 8 March 2004)**

SN	Name	Father Name	Title	Background	Organization Department
1.	Habibullah	Faiz Mohammad	General Director of Agricultural Cooperative	BSc	Ministry of Agricultural & Animal Husbandry
2.	Abdul Basir	Abdul Samad	Member of the Department of Cooperative	BSc	Ministry of Agricultural & Animal Husbandry
2.	Abdul Qahar	Mohammad Jan	Administrative Member of the Department of Cooperative	BSc	Ministry of Agricultural & Animal Husbandry, Kuduz
3.	Mohammad Sharif	Kaka Jan	Administrative Member of the Department of Cooperative	BSc	Ministry of Agricultural & Animal Husbandry, Ghazni
4.	Assadullah	Sultan Mohammad	Agriculture Manager	BSc	IRC
5.	Aminullah	Mohammad Jan	Shelter Assistant Manager	BSc	IRC
6.	Eng. Merajuddin	Zainullabodin	District Supervisor	MSC	CARE International
7.	Nooruddin	Amruddin	Field Engineer	BSc	CARE International
8.	Engineer Hamidullah	Haji Nasrullah			Ministry of Irrigation, Department of Irrigation, Samangan
9.	Eng. Jan Mohammad	Noor Mohammad	Manager of Irrigation	MSc	Ministry of Irrigation, Department of Irrigation, Nangarhar
10.	Eng. Abdul Samad	Abdul Satar	General Manager of Hydrology	BSc	Ministry of Irrigation, Department of Irrigation, Logar
11.	Eng. Abdul Zahir	Sekandar	General Manager of Water Management	MSc	Ministry of Irrigation, Department of Irrigation, Parwan
12.	Eng. Mubarak Shah	Mohammad Shah	General Manager of Hydrology	MSc	Ministry of Irrigation, Department of Irrigation, Wardak
13.	Eng. Rahmatullah	Nazir	General Manager of Hydrology and Water Management	MSC	Ministry of Irrigation, Department of Irrigation, Khost
14.	Eng. Mehria	Abdul Rashid	Engineer for Technical Issues Technical	MA	Ministry of Irrigation, Department of hydrology and water management, Kabul
15.	Eng. Aqela	Mohammad Nabi	Member of Libratory of the Institute	14 th grade of Technique	Ministry of Irrigation, Department of Survey and Project Implementation, Kabul
16.	Eng. Suraya	Mohammad Sarwar	General Manager of Water Management	BSc	Ministry of Irrigation, Department of Irrigation, Kabul
17.	Eng. Munawara	Mohammad Anwar	Member of Hydrology and Water Management	14 th grade pass	Ministry of Irrigation, Department of hydrology and water management, Kabul
18.	Noor Mohammad	Mir Gul MOhammad	Agronomist	BSc	ACTED
19.	Said Hedayatullah	Said Zianuddin	Base Manager	BSc	ACTED

COURSE EVALUATION
ORCHARD AND NURSERY MANAGEMENT-0104

Legend: A= Strongly Agree, B= Agree, C=Disagree, D= Strongly Disagree, E= No Opinion
No. of Respondents= 20

COURSE EVALUATION

No.		A	B	C	D	E
1.	The course was relevant to your professional responsibilities.	20	-	-	-	-
2.	The course improved your knowledge to a great extent.	8	12	-	-	-
3.	Enough time was given for classroom lecture/discussion.	8	12	-	-	-
4.	Enough time was given for field visits.	15	5	-	-	-
5.	Recent developments in research and latest knowledge of the subject were imparted.	5	15	-	-	-
6.	Problems and issues which you usually encounter during your professional duties were discussed during the course.	15	4	1	-	-

TRAINING METHODOLOGY

1.	Lectures were informative and very helpful in communication of knowledge.	17	3	-	-	-
2.	Group discussions and consultations with instruction provided an excellent opportunity for sharing of experience.	7	11	2	-	-
3.	Field visits provided the chance to see the problems as discussed in the classroom.	14	4	2	-	-
4.	Teaching Methodology was effective.	17	3	-	-	-
5.	Group discussions are more helpful than the lecture.	2	14	4	-	-
6.	Course duration was about right.	6	5	8	1	-

TRAINERS' PERFORMANCE

Give response about the trainer of the course through following statements:

1.	He has good knowledge of the subject.	18	2	-	-	-
2.	He presented the subject matter nicely and spoke clearly.	16	4	-	-	-
3.	He has the ability to relate subject matter with solutions of existing problems.	15	5	-	-	-
4.	He answered trainees' questions satisfactorily.	16	4	-	-	-
5.	His overall performance was good.	16	4	-	-	-

Suggestions for further improvement (if any):

- One month of course duration was not sufficient. It should be increased to three to six months.
- Field visits were very useful and learnt a lot through practical demonstration and training. During this one month training we have visited many farms, field activities, nurseries and fruit orchards. Practical work should be as much as possible.
- Horticulture kit provided by the Management of Training Program will be used practically in the area
- This course was very useful and will help us to help farmers in rehabilitation of fruit orchards which are a main source of their incomes.
- Would like to participate in future courses.
- Program of Orchard and Nursery Management Course and teaching material was very good and the Professors were experienced.

COURSE EVALUATION
SUSTAINABLE USE OF WATER RESOURCES-0204

Legend: A= Strongly Agree, B= Agree, C=Disagree, D= Strongly Disagree, E= No Opinion
No. of Respondents= 19

COURSE EVALUATION

No.		A	B	C	D	E
1.	The course was relevant to your professional responsibilities.	9	10	-	-	-
2.	The course improved your knowledge to a great extent.	8	11	-	-	-
3.	Enough time was given for classroom lecture/discussion.	-	11	8	-	-
4.	Enough time was given for field visits.	7	7	5	-	-
5.	Recent developments in research and latest knowledge of the subject were imparted.	11	8	-	-	-
6.	Problems and issues which you usually encounter during your professional duties were discussed during the course.	3	13	3	-	-

TRAINING METHODOLOGY

1.	Lectures were informative and very helpful in communication of knowledge.	11	8	-	-	-
2.	Group discussions and consultations with instruction provided an excellent opportunity for sharing of experience.	6	13	-	-	-
3.	Field visits provided the chance to see the problems as discussed in the classroom.	9	6	4	-	-
4.	Teaching Methodology was effective.	8	9	2	-	-
5.	Group discussions are more helpful than the lecture.	11	8	-	-	-
6.	Course duration was about right.	3	2	8	6	-

TRAINERS' PERFORMANCE

Give response about the trainer of the course through following statements:

1.	He has good knowledge of the subject.	12	7	-	-	-
2.	He presented the subject matter nicely and spoke clearly.	6	11	-	-	2
3.	He has the ability to relate subject matter with solutions of existing problems.	10	7	-	-	2
4.	He answered trainees' questions satisfactorily.	10	7	-	-	2
5.	His overall performance was good.	11	6	-	-	2

Suggestions for further improvement (if any):

- Appreciate teaching of Dr. Jamal Khan and suggest that other teachers should follow his teaching methodology.
- Administrative people nominate those persons who are not professional.
- The participants who have attended this course may be trained in advance courses.
- Time of tea break was 30 minutes which is too short as compared to six hours of teaching.
- Time of lecture was too short as lot of material was covered.
- Duration of course was too short, it should be increased.

ANNOUNCEMENT NO. 0304

COURSE TITLE: ENTERPRISE DEVELOPMENT AND MANAGEMENT SKILLS

WHEN: May 1-30, 2004

WHERE: Faculty of Agriculture, Kabul University, Afghanistan

WHO SHOULD ATTEND: Afghan nationals having a minimum of a B.S. degree in arts or sciences and are below the age of 45 years. A few years of practical experience in office or business management are desirable.

DEADLINE FOR NOMINATIONS: **April 25, 2004**

MAJOR TOPICS:

- ◆ Basis and challenges of entrepreneurship
- ◆ Self assessment for the entrepreneur
- ◆ Entrepreneurial characteristics
- ◆ The business idea
- ◆ The business, marketing, financial and organizational plans
- ◆ Accounting fundamentals and sources of capital
- ◆ Legal issues for the entrepreneur
- ◆ Visit to important business organizations in the area

COURSE COORDINATOR:

Professor Dr. Anwar F. Chisti

Director, Institute of Business Management and
Computer Sciences (IBMCS)
NWFP Agricultural University, Peshawar

WHERE TO SEND NOMINATIONS:

Nominations consisting of participant's CV should be sent to:

Mr. Mohammad Agha Jabarkhil

Assistant Training Coordinator
University of Illinois at Urbana Champaign Training Program
C/O Mercy Corps Office House No.558, Street 5,
Qala-e-Fatullah District 10, Kabul- Afghanistan
Mobile: 0093 (0) 79325682
Email: eng_magha@yahoo.com

PARTICIPANTS' FEEDBACK:

Nominating agency /organization/Department must share the above course contents with the potential participant asking them to write a one page note answering the following questions. This note should be attached with the CV. This will 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?
- ◆ 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: aqkhan46@uiuc.edu

ANNOUNCEMENT NO. 0404

COURSE TITLE: EXTENSION METHODOLOGY AND TECHNOLOGY TRANSFER

WHEN: May 1-30, 2004

WHERE: Faculty of Agriculture, Kabul University, Kabul, Afghanistan.

WHO SHOULD ATTEND: Agriculture and Livestock Officers having a minimum of a B.S. degree in Agriculture and Livestock sciences/Bachelor in social sciences working with Agriculture and Livestock Departments, Universities, NGOs.

DEADLINE FOR NOMINATIONS: **April 25, 2004**

MAJOR TOPICS:

I. Overview of Extension in Agriculture and Rural Development:

- ◆ Concepts, definitions, history, development and future of agricultural extension, objectives, roles, problems of extension services
- ◆ Different models/approaches of extension services practiced in different countries
- ◆ Extension and communication, adult education diffusion and adoption process, writing reports
- ◆ Attitude and its change process, using indigenous knowledge in agricultural development

II. Improving Extension Programs and Processes:

- ◆ Assessing target group needs/PRA etc.
- ◆ Planning, monitoring and evaluation of extension programs
- ◆ Selection of appropriate extension methods – individual, group and mass- field days demonstrations, special campaigns, farmers’ meetings, mass media, electronic and print media, improving educational/training materials, market-led extension messages

III. Improving Extension Management:

- ◆ Problems of extension organizations
- ◆ Job descriptions
- ◆ Extension policy/mandate
- ◆ Improving the organizations
- ◆ HRD/training of extension agents/farmers
- ◆ Leadership styles in extension
- ◆ Appropriate programs for adult, youth and women farmers
- ◆ Strengthening linkages among agriculture sector organizations and NGOs through extension agents

IV. **Current Trends and Development:**

- ◆ Extension's role in sustainable agricultural development
- ◆ International organizations supporting extension programs
- ◆ Establishing and strengthening farmer organizations
- ◆ The role of NGOs in extension.

V. **Improving Proposal Development:**

- ◆ Practical training in planning for strategic campaigns, preparing project proposals and communication skills e.g. conducting interviews, holding meetings, effective speaking and writing

COURSE COORDINATORS:

Mr. Baz Mohammad Khan

Former Director, Outreach
NWFP Agricultural University, Peshawar

Syed Amir ul Hasan Zaidi

Former Outreach Specialist
NWFP Agricultural University, Peshawar

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