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**USAID Regional Integrated Pest Management (IPM)
Collaborative Research Support (CRSP)
Program in Central Asia**

**Trip Report: May 22 - 31, 2007
Dushanbe, Tajikistan.**

Compiled By:

**Dr. Karim Maredia and Dr. Dieudonne Baributsa
Michigan State University**

I. Central Asia IPM CRSP Program Background

The Central Asia Regional IPM-CRSP Program managed by Michigan State University was developed through a participatory approach based on stakeholders consultation during a regional IPM Forum in Uzbekistan in May 2005. The general background information on the Central Asia IPM CRSP program is provided in the Appendix I. Through the training, networking and institutional capacity building, this USAID funded regional program aims at increasing the use of ecologically based IPM practices and technologies into research, teaching and outreach/extension programs in Central Asia.

This regional IPM project includes three components:

- (1) Improving the efficiency and expand product lines of biolaboratories in Central Asia;
- (2) Landscape ecology to enhance biodiversity and biological pest management; and
- (3) Strengthening IPM outreach/educational programs by introducing ecologically-based IPM information and materials into existing farmers training programs such as the training of trainers (ToT), farmer field schools (FFS), and the development of IPM educational materials (extension bulletins, leaflets, flyers, etc.).

II. Integrated Pest Management Stakeholders Forum for Central Asia Region, May 27- 29, 2007, Dushanbe, Tajikistan

With the excellent support and help from the IPM CRSP Team members based in Central Asia (Dr. Nurali Saidov, Dr. Murat Aitmatov, and Dr. Barno Tashpulatova), the U.S. Team members first visited various government and private institutions and NGOs in Tajikistan (Appendix II). These organizations included the Institute of Plant Protection and Quarantine, Institute of Zoology and Parasitology, Oxfam GB and CARE International. This was an excellent opportunity for interaction and discussion for possible partnership in various areas of the project activities. In addition, the U.S. Team had an opportunity to visit various field research sites and also interact with the local farmers.



Participants of the IPM Central Asia Stakeholders Forum

Participating Institutions:

- Tajik Academy of Agricultural Sciences (TAAS), Tajikistan
- Institute of Plant Protection and Quarantine (IPPQ), Tajikistan
- Institute of Zoology and Parasitology, Tajikistan
- Oxfam, GB-Tajikistan
- Institute of Plant Protection, Kazakhstan
- Institute of Genetics and Plant Experimental Biology, Uzbekistan
- Central Biolaboratory, Kyrgyzstan
- Advisory Training Center of Rural Advisory Services (ATC-RAS), Kyrgyzstan
- Agricultural Extension Training Center (TES), Osh, Kyrgyzstan
- Tacis/SITAF, Kulob, Kyrgyzstan
- International Center for Agricultural Research in Dry Areas (ICARDA)
- United States Agency for International Development (USAID)
- Michigan State University, USA
- Washington State University, USA
- North Carolina State University, USA



Dr. Robert Hedlund giving the opening remarks during the Forum

A three-day regional IPM Forum was organized in Tajikistan (see program, Appendix III). The first day of the program focused on the IPM CRSP research/outreach activities and, National and Regional IPM Programs. Opening remarks were given by Dr. Tolib Nabiev (president of the Academic of Agricultural Science) and Dr. Robert Hedlund (USAID representative from Washington D.C.). The second day of the Forum consisted of training of local scientists on various aspects of ecologically based IPM research and Outreach. The last day of the Forum consisted of field visits.

More than fifty participants (Appendix IV) representing government, national agricultural research institutes (NARs), international agricultural research centers (IARCs), and NGOs from Tajikistan, Uzbekistan, Kyrgyzstan and Kazakhstan attended this Forum. In addition, a U.S. Team attended the Forum and was represented by the USAID/EGAT/NRM Washington DC (Dr. Robert Hedlund), Michigan State University (Drs. Karim Maredia, George Bird, Douglas Landis, Dieudonne Baributsa and Walter Pett), Washington State University (Dr. Naidu Rayapati) and North Carolina State University (Drs. Yulu Xia and Ron Stinner).



IPM Forum Participants during the meeting

Goal of the Central Asia Regional IPM Forum

The main goal of the IPM Stakeholders Forum was to share the experiences of the Central Asia IPM-CRSP Program with the key stakeholders in the region and provide a platform for discussion on collaborative IPM research/extension-outreach and capacity building efforts at local institutions, ICARDA's IPM program in the region, the USAID Central Asia Regional IPM Program and the IPM CRSP Global Theme projects.

The specific objectives of the Forum were:

- Provide an up-to-date progress on the three components of the USAID Central Asia IPM CRSP Program.
- Provide a platform for sharing IPM knowledge and research experiences and develop new collaborative linkages with National Agricultural Research Systems (NARs), International Organizations and NGOs working in IPM in Central Asia.
- Continue to expand the regional IPM Network in Central Asia.

III. Field Visits to Research and Training Sites

On the last day of the Forum program, the participants visited the IPM CRSP project research and training sites in Tajikistan. These visits included the field demonstration plots of native plants for the attractiveness of beneficial insects, Farmers Field School (FFS), Private Biolaboratory, and a local Farmers Association (Appendix II).

1. Farmers Field School (FFS)



This FFS was created in February 2007 and consists of 15 members (13 women and 2 men). It focuses more on IPM issues and production techniques in vegetable crops.

The FFS was initiated in the Hissar district of Tajikistan under the Extension/Outreach component of the IPM CRSP Program in collaboration with the Tajik Institute of Plant Protection and Quarantine (IPPQ). The following publications (brochures and leaflets) generated by the IPM CRSP project team in collaboration with the IPPQ and the Advisory Training Center (ATC-RAS) and used for training farmers:

- Calendar of insect pests development and damage in Cabbage
- Calendar of insect pests development and damage in Tomato
- Calendar of insect pests development and damage in Carrot
- Terminological dictionary of the main diseases and insect pests of the cotton and vegetable crops was published in Latin, Russian and Tajik.
- Organization and Management of the Farmer Field School (FFS) on IPM.
- Farmers Field School:
 - Module 1. Introduction to FFS, published in Russian.
 - Module 2. Biological Control Methods of Main Insect Pests and Diseases of Tomato

2. Demonstration plots on the attractiveness of local flowering plants to beneficial insects.

More than 20 native plants species are being evaluated in the field for their attractiveness to beneficial insects. The data are being collected on these plants and insects.



IPM Forum participants visiting the demonstration plots on attractiveness of flowering plants to beneficial insects

3. Enhancing the efficiency and product lines of Biolaboratory



Workers in a Private Biolaboratory, Gissar District

Most of the research activities for the Biolabs component have been conducted in Uzbekistan and Kyrgyzstan. In an effort to link with the private sector, a visit to a private Biolaboratory was organized in the Tursunzoda District of Tajikistan. This private Biolaboratory produces biological control agents for the control of insect and mite pests of cotton.

IV. CGIAR ICARDA/PFU Annual Meeting

Dr. Robert Hedlund, Dr. Karim Maredia and Dr. George Bird attended the ICARDA/PFU CGIAR annual meeting on May 29 and 30, 2007. The achievements of the Central Asia IPM CRSP Program were presented at this meeting by Dr. Karim Maredia and Dr. Nurali Saidov

(Appendix V). More than 50 participants attended this meeting. The participants included policymakers, researchers, representatives of international research Centers and NGOs from Central Asia and the Caucasus (Armenia, Azerbaijan, Georgia, Kazakhstan, Tajikistan, Turkmenistan, Uzbekistan and Kyrgyzstan).

A CD containing all the power point presentations and documents will be made available to all participants. In addition, summary papers of presentations will be published as special Proceedings. The Central Asia IPM CRSP Program would like to thank USAID, Oxfam, ICARDA and the IPM CRSP Management Office at Virginia Tech for providing support to this regional IPM Forum in Central Asia.

V. Key Recommendations made by the Stakeholders at the Central Asia Regional IPM Forum

- **Need for a Long-term Regional IPM Program:** Develop a well coordinated and long-term regional IPM Program in collaboration with all the stakeholders in the Central Asia region.
- **Foster Interactions among IPM Stakeholders:** Organize regular meeting of IPM Specialist, policymakers, researchers, NGOs personnel and other key stakeholders to develop and implement action plans relevant to the region.
- **Expand ICARDA's IPM Activities:** Request ICARDA to expand their IPM program activities to include Tajikistan and Kyrgyzstan and seek ICARDA's support for the dissemination of local findings on entomophages and invasive pest species.
- **Develop and implement IPM Programs beyond Cotton crop:** Develop IPM programs for vegetable crops and non-conventional techniques for pest control that are affordable to farmers.
- **Development of a Biolabs Network** - Maintain contact and form collaborative network of biolabs for supplying biological control agents to farmers/extension centers across the region.
- **Expand University educational curriculum:** Provide in-service Training Programs and vocational training to university faculty focusing on ecologically based IPM. Develop and provide training materials for FFS and ToT.
- **Develop Simple and rapid methods for virus detection:** Expedite joint R&D efforts to build capacity for research on virus diseases detection and management.
- **English Language Training:** English is not the native and official language of communication. Support local programs that provide English language training to IPM researchers and educators.
- **Habitat management for enhancing Biological Control:** Develop joint proposal on the use of natural habitats for enhancing natural enemies and biological control of Sun pest (ICARDA, NARS of West and Central Asia and MSU)
- **Enhance research and extension linkages:** Enhance research and extension linkages for transferring new knowledge and technologies efficiently to farmers. Include NGOs participation and farmers associations.
- **Regional IPM Data Network:** Considering that the Central Asian countries have many pest problems in common, develop a regional network for exchanging research results.
- **Publications and Information Sharing:** Publish and make available newsletters and quarterly publications on IPM to share research results among various stakeholders working on various aspects of IPM, and support local scientists to publish these research findings in international journals.

Appendix I: General Description of the Central Asia Regional IPM Program



Ecologically-based Participatory and Collaborative Research and Capacity Building in Integrated Pest Management in Central Asia

By using an ecologically-based and multidisciplinary systems approach, this project is promoting the development of a comprehensive IPM initiative.



Wheat is a major crop in Central Asia, as illustrated by this woman selling her bread in a market. New IPM initiatives aim at enhancing educational and outreach programs to increase knowledge and training in more effective IPM practices.

A Regional Program under the IPM CRSP

Managed by Virginia Tech
www.oired.vt.edu/ipmcrsp/

U.S. Agency for International Development
www.usaid.gov

USAID is sponsoring a Collaborative Research Support Program for Integrated Pest Management in Central Asia (IPM-CRSP). The project is designed to foster development of a comprehensive IPM initiative, using an ecologically-based and multidisciplinary systems approach. Michigan State University, the University of California-Davis, and ICARDA serve as the host institutions for implementing this collaborative and participatory research-education program, designed to facilitate capacity building in IPM in Central Asia.

The project consists of three components: landscape ecology, biological control, and education-outreach. The specific activities to be implemented are based on the needs assessment and priorities identified at the regional IPM Stakeholders Forum organized in Uzbekistan in May 2005.

Component 1: Landscape ecology to enhance biodiversity and biological pest management. This component is designed to investigate the use of native plants for conserving natural enemy communities and enhancing biological control of field crop pests in Central Asia and to investigate and implement the most promising landscape management techniques in partnership with governmental agencies, universities, NGOs, and farmers in the region.

Component 2: Enhance efficiency, product lines, and crop usage of Central Asian biolaboratories. The overall goal of this component is to work with Central Asian researchers, educators and farmers to identify, produce, and introduce into vegetable production systems candidate entomophages for management of spider mites and insect pests which are not currently targets of those produced by Biolaboratories.

Component 3: Develop and implement IPM extension/outreach and university education programs. This project component aims at enhancing IPM educational and outreach programs in the region through training of trainers (TOT), farmer field schools, and the development of IPM educational resources to integrate new information, teaching tools, and methodologies into existing IPM outreach and educational programs.

Funding

USAID \$700,000 through IPM CRSP.

Cooperators

Landscape Ecology Research Team Members:

Dr. Douglas Landis, Michigan State University

Dr. Mustapha El-Bouhssini, ICARDA

Dr. Nurali Saidov, Research Fellow

Biological Control Research Team Members:

Dr. Frank Zalom, University of California, Davis

Dr. Barno Tashpulatova, Research Fellow

Education-Outreach Team Members:

Dr. George Bird, Michigan State University

Dr. Walter Pett, Michigan State University

Dr. Murat Aitmatov, Education-Outreach Fellow

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Appendix II. Stakeholders and Institutions visited by the U.S. IPM CRSP Team Members

May 22-24:

- Travel from the U.S. to Dushanbe, Tajikistan.

May 24:

- Visit to Kondara Botanical Garden of the Institute of Botanic of Academy of Science of Republic Tajikistan in Varzob district in the Gissar mountain range.

May 25:

- Meeting with Dr. Tolib Nabiev - President of Tajik Academy of Agricultural Science.
- Meeting with Dr. Maqsadullo Ismoilov, Head of Department of Plant Production, Ministry Agriculture and Nature Protection.
- Meeting with Mr. Peter Pichler, Country Program Manager of Oxfam Tajikistan and Mr. Louis Alexander, Country Director of CARE Tajikistan.
- Meeting with - Director (Dr. Abdussator Saidov) and staff of the Institute of Zoology and Parasitology
- Visit to a Research site on Native plants at the Institute of Zoology and Parasitology

May 26:

- Meeting with the Director (Dr. Mustafuqulov U.S.) and staff of the Institute of Plant Protection and Quarantine
- Visit to a Leningrad Farmers association in Rudaki district of Tajikistan.

May 27-28:

- Participation to the IPM Stakeholders Forum for Central Asia

May 29:

- Visit to a Research site with Native plants at the Institute of Zoology and Parasitology.
- Visit to Farmer Field School (FFS), Andreevka village in Hissor district, Tajikistan
- Visit to “Akbarali Mirzoev” private Biolaboratory in Tursunzoda district, Tajikistan.
- Visit to “Akbarali Mirzoev” Vineyard farmers’ association in Tursunzoda district, Tajikistan.

May 30:

- Visit to local vegetables market in Dushanbe and participation to the CGIAR Meeting.

May 31-June 1:

- Return to the U.S. from Dushanbe, Tajikistan.

Appendix III. Program for Central Asia Region IPM Forum



Integrated Pest Management Stakeholders Forum for Central Asia Region

Dushanbe, Tajikistan
May 27-29, 2007

Organized by:

Institute of International Agriculture, Michigan State University
and:

USAID Integrated Pest Management
Collaborative Research Support Program (IPM CRSP)

in collaboration with:

**Plant Protection and Quarantine Research Institute of Tajik Academy of
Agricultural Science**

Institute of zoology and parasitology Academy of Science of Tajikistan

ICARDA/PFU-CGIAR

Oxfam

University of California-Davis, U.S.A.



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Program for Central Asia Region IPM Stakeholders Forum
May 27 - 29, 2007, Dushanbe, Tajikistan

Forum Venue: Kokhi Vakhdat, Rudaki Ave. 105, floor 3, and conference hall 123, Dushanbe, Tajikistan

Sunday, May 27

8:30 a.m.: - Registration

Chairperson: Dr. Nurali Saidov

9:00 a.m.: - Welcoming Remarks
Dr. Tolib Nabiev - President of Tajik Academy of Agricultural Science.

9:10 a.m.: - Opening Remarks
Dr. Robert Hedlund, USAID/EGAT/NRM

9:20 am: - Introduction of Participants

Session I: Central Asia Region IPM CRSP Program

Chairperson: Dr. George Bird

9:30 a.m. - **Overview of the IPM CRSP Program**
Dr. Karim Maredia and Dr. Dieudonne Baributsa

9:45 a.m. - Landscape Ecology and Biological Control
Dr. Nurali Saidov and Dr. Doug Landis

10:15 a.m. - Coffee/Tea Break

10:45 a.m. - Enhancing the Efficiency and Product Lines of Biolaboratories in Central Asia
Dr. Barno Tashpulatova and Dr. Frank Zalom

11:15 a.m. - Strengthening IPM Outreach/ Education in the Central Asia Region
Dr. Murat Aitmatov, Dr. George Bird and Dr. Walter Pett

11:45 a.m. Open Discussion

12:00 noon Lunch

Session II : Linking Central Asia Region with International IPM Programs

Chairperson: Dr. Sagitov Urazovich

- 1:00 p.m. - IPM of Sunn Pest: Current Status and Future Plans
Dr. Mustapha El Bohssini, ICARDA Syria
- 1:20 p.m. - Applications of Information Technology and Databases in IPM
Dr. Yulu Xia and Dr. Ron Stinner, IPM-CRSP, North Carolina St.Univ.
- 1:40 p.m. - Integrated Management of Thrips-borne Tospovirus Diseases in Vegetables Crops
Dr. Naidu A. Rayapati, IPM-CRSP, Washington St. University.
- 2:00 p.m. - OXFAM Tajikistan
Mr. Christophe Viltard and Mr. Peter Pichler
- 2:30 p.m. - Coffee/Tea Break

Session III: Country Presentations of IPM Programs

Chairperson: Dr. Murat Aitmatov

- 3:00 p.m. - IPM Programs in Tajikistan
Dr. Abdusattor Saidov, Institute of Zoology and Parasitology
- 3:20 p.m. Current State and the prospect for IPM in Tajikistan
Dr. Anvar Jalilov, Vice Director of Insitute of Plant Protection
- 3:40 p.m. - IPM Programs in Kazakhstan
Dr. Sagitov Abai Urazovich, Director of Institute of Plant Protection
- 4:00 p.m. - IPM Programs in Kyrgyzstan
Dr. Tumanov Janubai Tumanovich - Director of Central Biolaboratory
- 4:20 p.m. - IPM Programs in Kyrgyzstan-ATC Perspective
Ms. Gulnaz Kaseeva- Advisory Training Center
- 4:40 p.m. - Virus Diseases of Plants in Uzbekistan
Dr. Kadirova Zarifa- Institute of Genetics and Plant Experimental Biology
- 5:00 p.m. General Discussion
- 5:30 p.m. - Adjourn
- 7:00 p.m. - Networking Dinner at Hotel Avesto or at Tea house “Rohat”

Monday, May 28

Special Workshops

Chairperson: Dr. Barno Tashpulatova

8:30 a.m. - Landscape Ecology and Sustainable Agriculture
Dr. Doug Landis

10:00 a.m. - Coffee/Tea Break

10:30 a.m. - Soil Quality Renovation and Maintenance Strategies
Dr. George Bird

12:00 noon - Lunch

Chairperson: Ms. Gulnaz Kaseeva

1:30 pm. - Enhancing Beneficial Insects with Flowering Plants
Dr. Doug Landis, MSU and Dr. Nurali Saidov

2:30 p.m. - Coffee/Tea Break

3:00 p.m. - Plant Parasitic Nematode Management Practices
Dr. George Bird

4:00 p.m. - Connecting IPM Research with Extension
Dr. Walter Pett

Tuesday, May 29

Field Trips

- Visit to a Research site with Native plants at the Institute of Zoology and Parasitology of Tajik Academy of Sciences.
- Visit to Farmer Field School (FFS) site in the Plant Protection and Quarantine Research Institute of Tajik Academy of Agricultural Sciences (TAAS).
- Visit to a local vegetables farm in Tursunzoda district.

Appendix IV. List of Participants: Central Asia Region IPM Forum

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**Appendix V. Tenth Meeting of the Steering Committee of the
CGIAR Program for Central Asia and the Caucasus**
May 29 – 30, 2007
Dushanbe, Tajikistan

Tentative Program

28 May (Monday)

Field Visit and the Gene Bank, Tajik RIPGR

29 May (Tuesday)

08:30-09:00 Registration

09:00-10:30 Session 1: Inaugural Session

Co-Chairpersons: Dr. William Dar and Acad. Tolib Nabiev

09:00-09:10 Welcome Acad. Tolib Nabiev, President, TAAS

09:10-09:30 Inaugural Address HE Minister of Agriculture, Ministry of Agriculture and Water resources, Republic of Tajikistan

09:30-09:45 Special Address Dr. Mahmoud Solh, Chairman, CDC Task Force for CAC and Director General, ICARDA

09:45-09:55 Brief Remarks Mr. Jorgen Voegele, the World Bank

09:55-10:05 Concluding Remarks Dr. William Dar, Director General, ICRISAT

10:05-10:10 *Group Photograph*

10:10-10:30 *Coffee Break*

10:30-11:30 Session 2: Adoption of Agenda, and Presentation of Annual Report

Co-Chairpersons: Acad. Jamin Akimaliyev and Dr. Mahmoud Solh

- Adoption of Agenda
- Presentation of Annual Report Head, PFU
- Discussion

11:30-13:00 Session 3: Country Status Reports on Collaboration with the CGIAR Program

Co-Chairpersons: Prof. Abdushukur Khanazarov and Dr. J. von Braun

- Armenia Dr. Samvel Avetisyan
- Azerbaijan Dr. Asad Musaev
- Georgia Dr. Guram Aleksidze
- Kazakhstan Dr. Akylbek Kurishbayev

13:00-14:00 *Lunch*

14:00-16:15 Session 3: Country Status Reports (Contd.)

Co-Chairpersons: Dr. Samvel Avetisyan and Dr. Masa Iwanaga

- Kyrgyzstan Acad. Jamin Akimaliyev
- Tajikistan Prof. Tolib Nabiev
- Turkmenistan Dr. Ashyr Saparmuradov
- Uzbekistan Dr. Abdushukur Khanazarov

General Discussion

16:15-16:40 *Coffee Break*

17:00 *Special Lecture by Dr. Mahmoud Solh, D.G., ICARDA*

19:00 *Reception Dinner*

30 May (Wednesday)

07:00-08:30 Executive Committee Meeting (For members only)

Chairperson: Dr. William Dar

08:30-13:00 Session 4: Center-wise Reports on the On-going Collaborative Research Activities and Work Plan for 2007-2008

Co-Chairpersons: Dr. Asad Musayev and Dr. Emile Frison

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|-------------|--------|------------------------------------|-------------------------|
| 08:30-10:00 | ICARDA | - Field Crop Genetic Resources | Dr. Zakir Khalikulov |
| | | - Germplasm Enhancement Activities | Dr. Mesut Keser/ |
| | | -Cereals | Dr. Bitore Djumakhanov/ |
| | | -Legumes | Dr. Amor Yahyaoui |
| | | - Strengthening Seed Supply in CAC | Dr. Rajender Malhotra |
| | | - Conservation Agriculture and | Dr. Aziz Nurbekov |
| | | Crop Diversification | Dr. Mekhlis Suleimenov |
| | | - Sustainable Land Management | Dr. Raj Gupta |
| | | - On-farm Water Management in | |
| | | Central Asia | Dr. Manzoor Qadir |
| 10:00-10:30 | CIMMYT | - Wheat Improvement and | Dr. Murat Karabayev |
| | | Crop Production Initiatives | Dr. Alexei Morgounov |

10:30-10:50 *Coffee Break*

Session 4: Center-wise Reports (Contd.)

Co-Chairpersons: Dr. Guram Aleksidze and Dr. Thomas Lumpkin

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|-------------|----------------------------|---------------------------------------|-----------------------|
| 10:50-11:10 | IFPRI | - The Scope for Food and Agriculture | Dr. Kamiljon Akramov |
| | | Policy Research in Central Asia | |
| 11:10-11:40 | Biodiversity International | - Genetic Resources Activities in CAC | Dr. George Ayad |
| | | | Dr. Muhabbat Turdieva |

11:40-12:10	ICRISAT	- Groundnut Germplasm Improvement Initiatives in CAC	Dr. Shyam Nigam
		- Pearl Millet and Sorghum	Dr. Kedar Nath Rai
12:10-12:30	IRRI	- Rice Improvement and Production Possibilities in Central Asia	Dr. Ismail Abdelbagi
12:30-13:00	IWMI	- Water Management in Central Asia	Dr. Herath Manthritilake
13:00-14:00	<i>Lunch</i>		

14:00-16:10 Session 4: Center-wise Reports (Contd.)

Co-Chairpersons: Dr. Ashir Saparmuradov and Dr. Sarath Ilangantileke

14:00-14:20	CIP	- Potato Improvement Activities in CAC	Dr. Sarath Ilangantileke Dr. Carlo Carli
14:20-14:40	AVRDC	- Strengthening Vegetable Research and Development in CAC	Dr. Thomas Lumpkin Dr. Ravza Mavlyanova
14:40-15:00	MSU	- IPM in Central Asia	Dr. Karim Maredia/ Dr. Nurali Saidov
15:00-15:20	ICBA	- Biosaline Agriculture and Capacity Building in CAC	Dr. Faisal Taha
15:20-15:40	Sida	- PGR initiatives by Sida in CAC	Dr. Peter Herthelius/ Carl Gustaf Thornstrom

15:40-16:10 General Discussion

16:10-16:30 *Coffee Break*

16:30-17:30 Session 5: Plenary Session

Co-Chairpersons: Dr. Mahmoud Solh and Mr. Jorgen Voegelé

- Nomination of new Co-Chairpersons
- Report of the Chairman, Executive Committee
- Responses from Donors (World Bank, ADB, IFAD, USAID, SDC, Sida, UNDP, EU etc.)
- Place and Venue of the next SC Meeting
- Any other Business
- Closing Remarks

31 May (Thursday)

09:00-16:00 ICARDA Program Planning Meeting*

16:00-18:00 CAC Regional Forum (CACAARI) Meeting (for members only)*

*Agenda will be circulated separately for these meetings to the concerned participants