



ASIAN PRODUCTIVITY ORGANIZATION

PROJECT NOTIFICATION

16 June 2015

1. **Project Code** 15-AG-16-GE-WSP-B
2. **Title** Workshop on Climate Change-resilient Agriculture Systems
3. **Timing and Duration** 30 November–4 December 2015 (five days)
4. **Venue** Faisalabad, Pakistan
5. **Implementing Organizations**
University of Agriculture Faisalabad (UAF)
Faisalabad, Pakistan
Phone: +92-41-2649493

National Productivity Organization (NPO)
2nd Floor, Software Technology Park,
Constitution Avenue, F-5/1, Islamabad, Pakistan
Phone: 92-51-2823304/5
Fax: 92-51-2823309
e-Mail: ceo@npo.gov.pk
6. **Number of Overseas Participants** Up to 18 qualified participants from Bangladesh, Cambodia, Republic of China, Fiji, India, Indonesia, Japan, Republic of Korea, Lao PDR, Malaysia, Mongolia, Nepal, Philippines, Sri Lanka, Thailand, and Vietnam. However, other member countries with special interest in this project may nominate candidates upon consultation with the APO Secretariat.
7. **Number of Local Participants** Up to six qualified participants
8. **Closing Date for Nominations** 7 August 2015
9. **Objectives**
 - a. To review strategies, approaches, and tools for building climate-resilient, sustainable agriculture aimed at increasing productivity in the face of climate change (CC);
 - b. To share examples of climate-resilient agricultural production systems; and
 - c. To formulate action plans to promote widespread adoption of climate-resilient agricultural interventions in member countries.

10. Background

Agriculture is extremely vulnerable to CC as it holds the potential to alter agroecosystems radically. High temperatures will cause yield declines for the most important crops while

encouraging weed and pest proliferation. Changes in precipitation patterns and shifting cropping seasons increase the risk of crop failures and productivity declines. Although there will be gains in some crops in some regions of the world, the overall impact of CC on agriculture and food security is expected to be negative. It is obvious that CC will create new challenges for farmers and policymakers.

Farmers will face serious challenges as climate-related weather events such as droughts and floods wreak havoc on agriculture. As CC brings new uncertainties, adds new risks, and changes existing risks, one of the most effective ways for agriculture to adapt to CC could be to increase its resilience. Farmers are likely to adapt to new conditions, but adjusting to new climates will come at a cost. Building resilience in agriculture will require an understanding of the types of risks to which agriculture is prone, the impact that CC is expected to have on them, and various risk management strategies depending on the type of risk. Appropriate tools, technologies, practices, policies, and institutional settings will be critical for building CC-resilient agricultural systems and scaling them up.

11. Scope and Methodology

The tentative topics to be covered are:

- a. Assessment of the vulnerability of agriculture to CC effects;
- b. Types of CC-related risks for agriculture and risk management strategies;
- c. Building climate resilience in agricultural production systems (including crops, livestock, fisheries, and forestry);
- d. Policy and institutional settings to promote wider adoption of climate-resilient sustainable agriculture; and
- e. Best practices of building resilience in agriculture for adaptation to CC.

The workshop will consist of thematic presentations, sharing of country experiences, individual/group exercises, and field visits.

The tentative program of the workshop is given below:

Date/Time	Activity
Sunday, 29 November 2015	Arrival of participants at project venue
Monday, 30 November	Opening session Presentation of thematic papers by resource persons
Tuesday, 1 December	Presentation of thematic papers by resource persons Presentation of papers by participants
Wednesday, 2 December	Field visits to relevant farms, companies, or organizations
Thursday, 3 December	Presentation of papers by participants Group breakout exercise 1
Friday, 4 December	Group breakout exercise 2 Program evaluation Summing-up session Closing session
Saturday, 5 December	Departure of participants

12. Qualifications of Candidates

The participants are required to present a technical paper. They are expected to possess the following qualifications:

Present Position	Policymakers, professionals, academics, and consultants in charge of developing/promoting sustainable agriculture resilient to climate-induced changes.
Experience	At least two years of experience in the position described above.
Education	University degree or equivalent qualification from a recognized university/institution.
Language	All proceedings of the project are conducted in English, and participants are frequently required to make oral and written presentations. They must therefore be proficient in spoken and written English. Those who are not proficient in English will not be accepted.
Health	Physically and mentally fit to attend an intensive project requiring participants to complete a number of individual and group activities and strenuous fieldwork. It is therefore recommended that member countries do not nominate candidates likely to suffer from physical and mental stress.
Age	Candidates who meet the qualifications above are generally between 35 and 50 years of age.
APO Certificate	Participants are required to attend the entire program to receive the APO certificate of attendance.

13. Financial Arrangements

To be borne by participants or participating countries

- a. Participants' insurance premiums: All participants should be fully insured against accident and illness (including hospitalization and death) for a principal sum equivalent to US\$10,000.00 for the entire duration of the project and travel, and must submit to the APO Secretariat a copy of the comprehensive travel insurance certificate before participation. Such insurance should be valid in the host country. This insurance requirement is in addition to existing government insurance coverage in some member countries. If any participant is unable to insure himself/herself as stipulated above, he/she should secure this insurance in the host country at the commencement of the project and pay the premium himself/herself, if necessary, from the per diem allowance provided. Neither the APO nor the implementing organizations will be responsible for any eventuality arising from accident or illness.
- b. All expenses related to visa fees and airport taxes.
- c. Any expenses incurred by participants for stopovers on the way to and from the project venue as well as for extra stay at the project venue before and/or after the official project period because of early arrival or late departure, for example, due to either limited available flights or any other reason.

To be borne by the host country

- a. Per diem allowances and hotel accommodation for up to 18 overseas participants for up to six days at the rate to be specified later.
- b. All local implementation costs.

To be borne by the APO

- a. All assignment costs of overseas resource persons.
- b. Round-trip economy-class international airfare by the most direct route between the international airport nearest to the participants' place of work and Faisalabad, Pakistan. As far as practicable, all participants should purchase discount tickets. Please note that the arrangements for the purchase of air tickets should follow the "Guide on Purchases of Air Tickets for APO Participants," which will be sent to the selected participants. It is also available on the APO website and from APO Liaison Officers in member countries.
- c. APO may select more than 18 overseas participants in anticipation of the last-minute withdrawals or no-shows. If more than 18 overseas participants attend, per diem allowances and hotel accommodation costs will be borne by the APO for up to two additional overseas participants at the rate to be prescribed for up to six days.

14. Actions by Member Countries

- a. Each participating country is requested to nominate three or more candidates in the order of preference. Please ensure that candidates nominated meet the qualifications specified under section 12 above.
- b. No form of self-nomination will be accepted. All nominations must be endorsed and submitted by an APO Director, Alternative Director, Liaison Officer, or their designated officer.
- c. Please note that nomination of a candidate does not necessarily guarantee that he/she will be selected. Selection is at the discretion of the APO Secretariat. A basic criterion for selection is the homogeneity of the participants in terms of qualifications and work experience. Nonselection therefore does not mean that the candidates concerned are not competent enough. Sometimes candidates are not selected because they are overqualified for a project.
- d. Each nomination should be accompanied by the necessary documents. A nomination lacking any of these documents may not be considered: two copies of the candidate's biodata on the APO biodata form together with a passport-sized photograph. The biodata form can be downloaded from the APO website (www.apo-tokyo.org). We encourage submitting the biodata form to the APO Secretariat in electronic form as an attachment to a cover e-mail message from the APO Director, Alternate Director, or Liaison Officer. The nomination documents should be sent to the Agriculture Department, APO Secretariat (e-mail: agr@apo-tokyo.org, fax: 81-3-5840-5324).
- e. The APO Medical and Insurance Declaration/Certification Form. Every candidate must complete and submit a copy of the APO Medical and Insurance Declaration/Certification Form with his/her biodata at the time of nomination. Please note that self-declaration is sufficient for candidates without any of health conditions or illnesses listed on the reverse side of the medical form. However, for all others, medical certification by a licensed physician on the reverse side of the medical form is required.
- f. Necessary documents are to be submitted electronically. In that case, there is no need to

send a hard copy by postal mail. However, if the documents are submitted by fax, member countries are requested to mail the originals of the documents to the APO Secretariat as well. If a digital photograph of a nominee is not attached to the electronic biodata form, a hard-copy photograph should be sent to the APO Secretariat by postal mail. Please give the candidate's name and the project code on the reverse side of the photograph.

- g. Member countries are requested to adhere to the nomination deadline given on page 1. The APO Secretariat may not consider late nominations as they have in the past resulted in considerable difficulties to the implementing organization in its preparatory work for the project.
- h. For member countries where nominations are required to be approved by higher government authorities and require a longer time, the APO Liaison Officers/NPOs are urged to send the names of nominees on or before the deadline, indicating that government approval will follow.
- i. If a selected participant becomes unable to attend, he/she should inform the APO Liaison Officer/NPO in his/her country immediately and give the reason for withdrawal. The NPO concerned is requested to transmit that information to the APO Secretariat and the host country promptly.
- j. NPOs are requested to inform the selected participants that they are not to bring family members or to engage in any private business activities during the entire duration of the project.
- k. Each selected participant should be instructed to arrive at the venue one day before the start of the official project. Also, he/she is expected to return home upon completion of the official project because he/she is visiting the host country for the specific purpose of attending this APO workshop.
- l. NPOs should inform participants that they must attend all five days of the project to qualify for the certificate of attendance.

15. Actions by the APO Secretariat

- a. Under normal circumstances, candidates who are selected will be informed of their acceptance at least four weeks prior to the start of the project.
- b. If some candidates fail to qualify or be unable to participate after selection, or if some member countries fail to nominate any candidate, their slots may be filled by alternates from the same or another member country on a merit basis.

16. Project Preparation

The participants are required to prepare a technical paper prior to departure for the project venue. In preparing the paper, they are expected to follow the attached "Guidelines for Preparation of Technical Papers."

17. Postproject Actions

All participants are required to prepare action plans and share the plans with their NPOs. The APO will also request participants to submit progress reports six months after completion of the workshop.

18. Evaluation of Participants

If the conduct/attendance/performance of a participant is not satisfactory, these will be reported to the APO director concerned.

19. Guide for Participants

Other conditions for participation are given in the *APO Guide for Participants*, which is available from APO Liaison Officers/NPOs in member countries and on the APO website (www.apo-tokyo.org).



Mari Amano
Secretary-General

15-AG-16-GE-WSP-B

Workshop on Climate Change-resilient Agriculture Systems
30 November–4 December 2015, Faisalabad, Pakistan

Guidelines for Preparation of Technical Papers

Each participant is required to submit a technical paper prior to departure for the project. If there are multiple participants from one country, they can write a joint paper to avoid overlapping of contents. If a joint paper is written, each participant is expected to contribute meaningfully to its preparation.

The paper may be written in the personal capacity of the participant. The paper should reflect an accurate account of the impact of climate change (CC) on agricultural production systems (APS), development of climate-resilient APS, main challenges to wider adoption of climate-resilient APS and initiatives (e.g., legislation, policies, institutional settings, and R&D) undertaken at different levels to address those challenges; one or two successful examples of climate-resilient APS with wide adoption and their contribution; and the way forward. The paper must be substantiated and supported by statistical data/information wherever appropriate.

The participants are also required to prepare a 300-word summary of their paper. The summary should contain only the salient points of the paper. The summary will be used to prepare the highlights of the workshop. The participants are strongly advised to use appropriate audiovisual aids (e.g., PowerPoint slides) for the presentation of their papers.

Participants are encouraged to provide in their papers as much relevant and useful information as possible *but they must avoid including unnecessary general information on agriculture as well as the profile of their country in both the paper and presentation.*

The APO Guidelines for Writers will be sent to the selected participants.