



INTERNATIONAL CONFERENCE ON

MAJOR ENVIRONMENTAL CONSTRAINTS TO PLANTS: ASSESSMENT & RECLAMATIONS

MECP - 2016

March 28-30, 2016

DEPARTMENT OF BOTANY GOVERNMENT COLLEGE UNIVERSITY FAISALABAD, PAKISTAN



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About Conference

Economy of every state depends mainly on three sectors (including) agriculture, industry and commerce. These three are interrelated with each other as the progress or retrogress of one sector can influence the other alarmingly. Pakistan is an agricultural country thus agriculture gains are of much importance. Importance of this sector is manifold as it feeds people, provides raw material for industry and is a base for foreign trade. However, agricultural plants face a number of problems from seed germination to yield formation. Plants like cereals, crops, legumes, forages, herbs, vegetables, medicinal and oil seed crops, are dependent on environment. All plants can easily sense the change in the environment (physical or chemical) and accordingly respond to it. Reduction in plant growth and yield is an ordinary practice against a variety of biotic or abiotic stresses including plant microbes, pathogens, drought, salinity, temperature, heavy metals and light intensity. A number of strategies can be employed to minimize the stress effects or to enhance the adaptability of plants to survive under such conditions all over the world. Climate changes, lack of resources, land and water issues, conventional or non-conventional farmer technologies, lack of information, economic issues, unawareness about the natural resources, population size, agricultural policies of Govt. to support the small farmers, framework, research institutions and institutional constraints, all are interlinked and affect the agricultural yield and production. During the conference, the gathering of students, teachers, researchers, experts and economists will not only explore the problems faced by Pakistan but also other countries and will provide solutions to environmental constraints in order to get optimum plant growth and yield production. The Department of Botany, Govt. College University, Faisalabad, Pakistan as a part of the global environmentalist community will join hands with the international community to sustain the plant growth and yield production by minimizing environmental constraints.

Aims and Objectives

- Geographic expedition of major environmental constraints to plants at global level

- Identification of vital physio-biochemical markers for the adaptations/tolerance under biotic and abiotic stresses
- Awareness about the conventional and non-conventional crop plants
- Development of transgenic plants, their cultivation and limitations
- Strategies to overcome environmental adversities at national and international level
- Uplifting the knowledge of students, teachers, scientists and general public about the environmental constraints
- Active participation of students, teachers and general public for the awareness, sustainability and protection of environment
- Providing opportunities to college/university teachers to interact with highly trained manpower (teachers and researchers) of a number of prestigious teaching/research institutes at national and international level
- Valuable suggestions and views of foreign experts about the local or remote plant's ontogeny, growth and development, and their interaction with climatic changes

Areas Covered

1. Abiotic Stresses
2. Plant Physiology and Biochemistry
3. Plant Pathogen Interactions
4. Plant Molecular Biology
5. Global Climate Change
6. Phytohormones and Signaling Pathways
7. Transgenic Plants
8. Biofarming and Agriculture
9. Plant Breeding and Genetics
10. Soil Characteristics and Fertility

Venue: Department of Botany, Government College University, Faisalabad, Pakistan

Schedule for abstracts and full papers

Last date for abstracts submission is 31st December, 2015. Acceptance of abstracts will be communicated by 15th January, 2016. Authors of accepted abstracts must submit full length papers by 28th February, 2016.

Abstract format

- Abstracts should be submitted as Microsoft Word for Windows documents. If this is not possible, Rich Text File (.rtf) is also acceptable. However, PDF is not an acceptable format.
- The abstract should be saved with the filename "MECP-author's surname".

- Abstracts should be submitted through email as an attachment to nudrataaauaf@yahoo.com or drnaecm@gcuf.edu.pk
- The subject line of the email MUST be "MECP-author surname".
- Abstracts will not be accepted by fax or hard copy.

Format of presentations

The authors of the accepted abstracts will have to submit their presentations up to 15th March, 2016. The presentations should be made in Microsoft Power Point with a font of 18 point Times New Roman and not more than 10 lines per slide. The tables and figures should also be legible.

Proceedings

All papers will be peer-reviewed by independent reviewers. The accepted papers will be published in a special issue of a well reputed Journal

How to Register?

Complete the registration form and email it to Dr. Nudrat Aisha Akram up to 15th March, 2016. Late applications will not be entertained. Registration fee for local participants is Rs. 800/- for student, Rs. 1500/- for teachers/researchers, 100 US\$ for senior international participants and 50 US\$ for international students.

About Govt. College University, Faisalabad, Pakistan

Faisalabad is the third largest city in Pakistan with a population of about 4 million. It is known for its textile industry and called as "Manchester of Asia". It not only offers educational and industrial degrees in various disciplines, but is also a hub of educational, social and cultural activities. There are a number of world renowned research institutions in the city namely; National Institute for Biotechnology and Genetic Engineering (NIBGE), Nuclear Institute for Agriculture and Biology (NIAB), University of Agriculture (UAF) and Ayub Agricultural Research Institute (AARI). Govt. College University Faisalabad is ranked among the top five the large universities in Pakistan.

How to reach Faisalabad

Faisalabad is very well connected by air and road with other cities in Pakistan. The daily flights are operating between Faisalabad (Airport known as Lyallpur) and Karachi. One can also take international flight for Lahore or Islamabad which are at a motorway drive of 2½ and 3½ hours respectively from Faisalabad.

Travel

Participants are required to arrange for international travel from their own Institutions/Governments. Local hospitality such as boarding/lodging and transport will be provided by the organizing committee.

Visa

Every participant should make his/her own arrangement for receiving the Pakistani visa by contacting the Pakistani Embassies and Consulates in their home countries. If needed, the organizers will send them official letters confirming their participation at the Conference.

Weather

During March the weather is slightly cold with day and night temperature 25-30 and 10-15 °C, respectively. Please take with you comfortable clothes.

Contacts

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REGISTRATION FORM

Please fill in the following form and send via email as an attachment to Dr. Nudrat Aisha Akram (nudrataaauaf@yahoo.com) or Dr. Naecm Iqbal (drnaecm@gcuf.edu.pk).

Personal Information

Name:

Address:

Organization:

E-mail:

Phone:

Fax:

Title of paper:

Arrival: (Please provide date and time of your arrival in Faisalabad)

Date: Time: Place of Arrival:

Accommodation Required:

☐ No ☐ Yes

If yes, how many nights you will be staying _____.

Type of Participation:

☐ Local Participant ☐ Student

☐ Accompanying Guest ☐ Foreign Participant

☐ Foreign Student ☐ Foreign Accompanying Guest

Special Request: