



2015  
International  
Year of Soils

International Conference on  
**Soil  
Sustainability**  
for Food Security

November 15-17, 2015



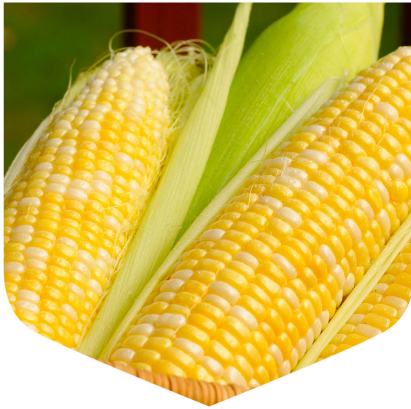
Organized by:  
Institute of Soil and Environmental Sciences  
University of Agriculture, Faisalabad

In Collaboration with:



### Conference Sessions

- Soil Fertility & Plant Nutrition
- Soil Microbiology
- Soil Chemistry
- Saline Agriculture
- Soil, Water and Air Pollution
- Soil Tillage and Crop Rotation
- Soil Organic Matter



United Nations has declared the year 2015 as an International Year of Soils (IYS) which describes the significance of the soil as a basic natural resource that supports agriculture and environment. It is really an important step to protect the soils from degradation to assure the food security of huge population and future generations. The specific objectives of this conference are:

- To discuss various issues related to Pakistani soils to highlight their problems, solutions and sustainable use of soils as a precious resource.
- To prepare the recommendations for policy makers based on research work done for sustainability of soil resources in the country, the region and the world.
- To create awareness among the decision makers for the importance of soils for human life.

- To encourage young researchers to work for sustainability of soils.
- To promote private sectors, especially agro-based industries to work for management of soil and environment.

Being a sixth largest population of the world, food security and human health would be a great issue of Pakistan in recent future. Sustainable food system for healthy lives needs healthy and sustainable soil. We need to tackle salinity/sodicity, fertility and erosion problems for food security. Furthermore, climate change has to be considered to ensure the sustainable development. Soils don't have a voice, but expresses out by poor quality produce. Problematic soils can have serious health and environmental impacts due to their direct link with plants.

The Institute of Soil and Environmental Sciences is organizing the International Conference in collaboration with public and private organizations to celebrate the 2015 International Year of Soils and raise awareness to promote the sustainability of our limited soil resources. We all have responsibility to play role in communicating vital information on soils, a life sustaining natural resource.

This international conference will provide a great opportunity for foreign and local researchers to share work and views on soil sustainability. The renowned guest speakers from different parts of the world



will share their knowledge for sustaining the soil health and future aspects of soil research to achieve food security. The proposed event will be a step forward to refine our soil research to sustain agricultural production for economic development of the country.

#### List of International Speakers

1. **Soil organic matter pools and functions by land use changes**

##### **Prof. Dr. Yakov Kuzyakov**

Dept. of Soil Science of Temperate Ecosystems, and Dept. of Agricultural Soil Science, University of Göttingen, Germany

2. **Repositioning saline agriculture for the 21st Century: moving from water abundance to water deficiency**

##### **Prof. Dr. Ed Barrett-Lennard**

School of Plant Biology, the University of Western Australia,

3. **Achieving Food Security through Reversing Salt-induced Land Degradation**

##### **Dr. Manzoor Qadir**

United Nation University Institute for Water

Environment and Health (UNU-INWEH), Ontario, Canada.

4. **Healthy and Productive Soils are Pre-requisite for Sustainable Food Security**

##### **Dr. Shabbir A. Shahid**

Senior Scientist - Salinity Management

International Center for Biosaline Agriculture

Dubai, United Arab Emirates

5. **Potash promotion in India: Recent efforts made by different Stakeholders**

##### **Dr. Surinder Kumar Bansal**

Director at Potash Research Institute of India

Gurgaon, Haryana, India

#### Abstract Submission

Abstract can be sent to ISSCPK2015@gmail.com on prescribed format. The abstract must include (with heading) introduction, materials and methods, results and discussion, conclusion and references. However the volume must not exceed two pages. Only selected abstracts (after peer review) will be considered for oral presentation or poster and will also be included in proceedings book. Proceeding book will be provided free of cost along with conference package. The dead line for abstract submission is October 15, 2015.

#### Conference Language

Language for oral presentations, poster presentation and professional discussions will be English. However cultural events will be mixed with Urdu/Punjabi.

#### About Faisalabad

Faisalabad, is the third largest city in Pakistan after Karachi and Lahore. It was one of the first planned cities within British India. It is a major industrial center of Pakistan. The city is also referred to as the "Manchester of Pakistan" because it is a major contributor towards Pakistan's GDP, contributing over 20%. Faisalabad is a major producer of superphosphates, cotton and silk textiles, hosiery and agricultural equipment.

Faisalabad has a number of well know agricultural research institutes, especially University of Agriculture Faisalabad previously known as Punjab Agriculture College (1906-1961), Ayub Agricultural Research Institute (AARI), Nuclear Institute of Agriculture and Biology (NIAB) and National Institute of Biotechnology and Genetic Engineering (NIBGE).

### Weather

In November the weather is quite mild and the average night temperature is 11 °C and average day temperature is 25 °C. Please take comfortable light winter clothes.

### How to Reach Faisalabad?

Faisalabad is well-connected with other major cities of Pakistan via rail, air and road. There are daily flights from Faisalabad to Karachi. Qatar Airways & Fly Dubai has recently started their services from and to Faisalabad.

### Registration

All the participants need to register for participation in the conference. The registration fee will include conference kit, day time lunches and mid-session refreshments. Registration Fee is:

Local Participant	2000 PKR
Local Student	1000 PKR
Accompanying Guest	1000 PKR
Foreign Participant	200 US\$
Foreign Student	100 US\$
Foreign Accompanying Guest	80 US\$

The dead line for registration is October **15**, 2015, however on-site registration may be opened depending upon available slots.

### Accommodation

Accommodation to all participants will be made available from 2-4 star hotels on their preference. Rates may vary from 20-300 US\$ per night. Limited residence may be available at university campus.

### visa

Foreign participant can contact Pakistani Embassy and consulate in their respective countries for their visa. Invitation letters will be provided on request. For any assistance please e-mail [isscpk2015@gmail.com](mailto:isscpk2015@gmail.com).

### Travel

Participants need to be arrange the transport from their countries/cities, to Faisalabad which is well connected via rail, road and air. However, local transport may be provided by organizers.

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### Organizing Committee:

Prof. Dr. Javaid Akhtar (Organizer)  
Prof. Dr. Zahir A. Zahir  
Prof. Dr. Muhammad Khalid  
Prof. Dr. Ghulam Murtaza (Coordinator)  
Prof. Dr. Muhammad Yaseen  
Dr. Hafiz Naeem Asghar  
Dr. M. Anwar ul Haq  
Dr. Abdul Wakeel

### For Further Details:

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University of Agriculture Faisalabad,  
PAKISTAN

Please send your extended abstracts only on following email till 15<sup>th</sup> of October 2015.

**E-mail for abstract submission:**  
[isscpk2015@gmail.com](mailto:isscpk2015@gmail.com)