



# 14<sup>th</sup> CONGRESS OF SOIL SCIENCE

12-15 March 2012  
Expo Centre, Lahore  
Pakistan

## Soil Science: Service to Mankind and Environment



**Organized by:**



# Soil Science Society of Pakistan



*Soil Science Society of Pakistan*

## SOIL, MANKIND AND THE ENVIRONMENT

Soils sustain life – provide nutrients for plants, which in turn nourish animals and humans, and act as a ‘living filter’ for water by retaining the pollutants. Mismanagement of this precious resource can result in disaster. In fact, many past civilizations, i.e., Phoenicians, Greeks and Romans have declined because of mismanagement of their soils. The centuries-old cultivations of our soils, without wise management, have resulted in their degradation by way of erosion, salinity, fertility depletion and compaction.

History teaches us for the need to improve and protect quality of our soils. Thus, sustaining soil productivity and environment — for an ever-increasing population — is a serious challenge ahead of us.

### SOIL SCIENCE SOCIETY OF PAKISTAN

The Soil Science Society of Pakistan works to advance the discipline and practice of Soil Science by acquiring and disseminating information about soils in relation to crop production, environmental quality, ecosystem sustainability, bioremediation, waste management and recycling, and wise land use. The aims of the Society are:

1. provide platform for close cooperation among the scientists working in soil science and applied disciplines;
2. promote soil science R & D for sustaining soil productivity and environmental quality; and
3. document and disseminate R&D information in soil science. Organizing.

### 14<sup>TH</sup> CONGRESS OF SOIL SCIENCE

The Executive Council, Soil Science Society of Pakistan feels great pleasure to invite you to attend this important scientific and social

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event held in Expo Centre, Lahore; known as heart of Pakistan and a city very rich in cultural and heritage and historical memorials.

Organizing biennial Congresses of Soil Science is a major activity of the Soil Science Society of Pakistan. Soil scientists, agronomists and scientists from allied disciplines from national and international organizations gather at this occasion and share their experimental results and research experiences with each other for the benefit of agriculture in general and of Soil Science in particular. So far, the Society has successfully organized 13 Congresses, since 1985 at various places, including Peshawar, Islamabad, Lahore, Faisalabad, and Tandojam. The Congresses prove to be a good blend of scientific and social get-togethers.

Executive Council of the Society has decided to hold the 14<sup>th</sup> Congress of Soil Science, as its ritual, during **12-15 March 2012**. The Executive has chosen “**Soil Science: Service to Mankind and Environment**” as the theme for the upcoming Congress.

## CALL FOR PAPERS

Soil Science Society of Pakistan invites you to participate in the Congress. The paper presentation policy will be as under:

### Plenary Papers

Three to four invited papers will be presented in plenary session of the Congress. The Organizing Committee will request leading scientists of repute to address major areas concerning theme of the Congress.

### Voluntary Papers

Voluntary papers can be presented orally or as posters. Scientists are encouraged to submit any number of papers as co-author, but each will be allowed to present one poster and one oral paper as senior author. All the local participants are required to register for the Congress, even though they are member of the Society; scientists from abroad are exempted from this condition.

- a) **Oran Presentation:** Time allowed for each presentation will be 20 minutes, including five minutes for discussion.
- b) **Poster Presentation:** Each poster will be allocated a number and a display panel/space measuring 42" x 30", portrait orientation and text font size should easily readable at a distance of 1.5 meters. Poster format must include Abstract, Introduction, Materials and Methods, Results, Conclusions, and maximum 2 References. Poster must be prepared according to the specifications outlined, if not, will not be displayed.

### Abstract Format

Template for abstract along with a [sample abstract](#) is available on our website: <http://sss-pakistan.org> Abstracts on specific template may be sent through email to:

**Prof. Dr. Zahir A. Zahir**

Convener Technical Committee

Email: [congress@se.org.pk](mailto:congress@se.org.pk)

## IMPORTANT DATES

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**November 15, 2011** Last date for receipt of abstracts and foreign participants and can registered at the time of congress.

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**December 15, 2011** Last date for receipt of abstracts (as per given format) along with registration from local participants.

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**January 31, 2012** Full papers of the Plenary Session (two hard copies, and one soft copy in MS Word through e-mail or a CD) must reach Convener of Technical Committee.

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**February 15, 2012** Full papers (two hard copies, and one soft copy in MS Word through e-mail or a CD)

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may be submitted to Editor-in-Chief Editor,  
Soil & Environment

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## CONGRESS PROGRAM

The Congress program will be available on the Society's website ([www.sss-pakistan.org](http://www.sss-pakistan.org)).

## CONGRESS REGISTRATION

Registration for the Congress is compulsory. Participants are required to submit registration fee to Mr. M. Khalid Tanvir, Treasurer, SSSP, Soil Fertility Section, Ayub Agri. Research Institute, Faisalabad, Pakistan @:

### Local Participants:

Member	Rs. 1000.00
Non-member	Rs. 2000.00
Student member	Rs. 500.00
Student nonmember	Rs. 1000.00

**Foreign Participants** US\$ 200.00

**Post-Congress Tour** Rs. 2000.00

## FEE PAYMENT

Please make Bank Draft in the name of "Soil Science Society of Pakistan" payable at National Bank of Pakistan, AARI branch, Faisalabad. Personal cheques are not acceptable.

**Foreign participants** can make payment at the time of Congress.

*Registration fee covers Congress materials, tea and lunch during the Congress.*

## **FROIEGN DELEGATES**

Scientists coming from abroad are requested to inform in advance about the date and time of arrival, the carrier and flight. Transport from Lahore airports can be arranged. Please let us know if you require a formal letter of invitation from the Society. The invitation from the Society is meant to facilitate the grant of visa and does not imply to bear the responsibility of sponsoring the trip to Pakistan.

## **STUDENTS TRAVEL GRANTS**

To encourage student participation, the Society will award travel grants to students presenting papers as senior author. Four grants will be available for each province and one for AJK. The travel grant will be Rs. 2500 for students from Sindh, Baluchistan and NWFP and Rs. 1250 from other parts of the country, excluding Lahore. Please submit your request to Convener, Technical Committee along with a letter of recommendation from the Dean, Faculty of Agriculture or Head of concerned Department, along with a copy of the abstract.

## **BEST POSTER PRIZES**

A Committee of Scientists will evaluate the posters presented in different sessions of the Congress and determine the 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> best posters. The evaluation criteria will include quality of research, its relevance to Pakistan Agriculture and presentation quality.

## **ACCOMMODATION**

Accommodation requirements must be communicated to the Convener, Accommodation Committee on the given proforma. So that accommodation can be arranged accordingly.

## POST CONGRESS TOUR

One-day tour of Lahore historical places would be arranged on March 15, 2012, provided a reasonable numbers of participants are interested.

## CONGRESS COMMITTEES

### Congress President

Dr. Shahid Mahmood, Director  
Soil Fertility Research Institute, Lahore  
Tel: +92 42 99260323, Cell: +92 321 4429919  
E-mail: [shahid\\_mahmood55@hotmail.com](mailto:shahid_mahmood55@hotmail.com)

### Congress Secretary

Dr. M. Mahmood-ul-Hassan  
Land Resources Research Institute, National Agricultural  
Research Centre  
Islamabad 45500, Pakistan  
E-mail: [mmh@comsats.net.pk](mailto:mmh@comsats.net.pk); Tel:+92 51 925 5051, Fax:+  
92 51 92 55034

## Advisory Committee

1. Chairman, Higher Education Commission, Islamabad
2. Chairman, Pakistan Agricultural Research Council, Islamabad
3. Chairman, Pakistan Science Foundation, Islamabad
4. Vice Chancellor, University of Agriculture, Faisalabad
5. Vice Chancellor, University for Arid Agriculture, Rawalpindi
6. Vice Chancellor, KPK Agricultural University, Peshawar
7. Vice Chancellor, Sindh Agricultural University, Tandojam
8. Dr. Yousaf Zafar, Director General (A&B), PEAC, Islamabad
9. Secretary Agriculture, Government of KPK, Peshawar

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10. Secretary Agriculture, Government of Punjab, Lahore
11. Secretary Agriculture, Government of Sindh, Karachi
12. Secretary Agriculture, Government of Balochistan, Quetta
13. Secretary Agriculture and Livestock AJK
14. Mr. Khusrau Nadir Gillani, Marketing Manager, Engro Fertilizer, Karachi
15. Mr. Asad Sultan Chaudhary, Group General Manager (Mkt), FFC, Lahore
16. M. Muhammad Zahir, Director Marketing, Fatima Fertilizer/Pakarab Fertilizers, Multan
17. Malik Farooq Ahmed GM (Sales & Marketing), Ali Akbar Group, Lahore, Pakistan.
18. Director General, NARC, Islamabad
19. Dr. Javed Akhtar, Director, NIAB, Faisalabad.
20. Dr. Zafar M. Khalid, Director NIBGE, Faisalabad
21. Mr. Tila Muhammad, Director, NIFA, Peshawar
22. Director General, Agri. Research, AARI, Faisalabad
23. Director General, Agri. Research, KPK Agri. Univ., Peshawar
24. Director General, Agri. Research, ARI, Tandojam
25. Director General, Agri. Research, ARI, Sariab, Quetta
26. Prof. Dr. Riaz Hussain Qureshi, Advisor, HEC, Islamabad
27. Jawad Salim Qureshi, Chairman, Four Brothers Group, 77D/1, Lahore Center, Main Boulevard Gulberg, Lahore-Pakistan
28. Jamshad Iqbal Cheema, Chairman, Auriga group of company, Lahore
29. Chaudhry Altaf Shahid, Chief Executive Officer, Solex group of companies, Multan.

## Organizing Committee

1. Dr. Shahid Mahmood, Director, Soil Fertility Research Institute, Lahore **Convener**
2. Professor Dr. Muhammad Arshad, IS&ES, Univ. Agri., Faisalabad
3. Dr. Muhammad Rashid, D G (Rtd), Agri. Research, Punjab
4. Dr. Abdul Rashid, Member Bio-Science (Rtd.), PEAC, Islamabad

5. Dr. Nisar Ahmad, Chief (Rtd), NFDC, Islamabad
6. Prof. Dr. Kazi S. Memon, SAU, Tandojam
7. Dr. M. Ehsan Akhtar, Director, LRRI, NARC, Islamabad
8. Dr. Shahzada M. Mehdi, Director, Soil Salinity Research Institute, Pindi Bhattian
9. Head, Soil Science Division, NIAB, Faisalabad
10. Head, Soil Science Division, NIFA, Peshwar
11. Head, Soil Science Division, NIA, Tandojam
12. Dr. Shahid Mansoor, SI, Head, Agricultural Biotechnology Division, NIBGE, Faisalabad
13. Mr. Muhammad Rizwan Takki, Director General, Soil Survey of Pakistan, Lahore
14. Prof. Dr. Safdar Ali, Chairman, Deptt. Soil Science, UAA, Rawalpindi
15. Prof. Dr. Anwar-ul-Hassan, Director, IS&ES, UAF, Faisalabad
16. Prof. Dr. Inayatullah Rajpar, Chairman, Deptt. Soil Sci., SAU, Tandojam
17. Prof. Dr. Zahir Shah, Chairman, Deptt. S&ES, KPK AU, Peshawar
18. Prof. Dr. M. Kaleem. Abbasi, Univ. College of Agri., Rawalakot, AJK
19. Haji Muhammad Saeed, Deputy GM (Quality Control), Ali Akbar Group, Lahore, 1-KM Bhoptian Chowk Defence Road, Off Raiwind Road, Lahore, Pakistan.
20. Mr. Riaz Ahmed Ghumman. Technical Services Manager. FFC, Lahore
21. Dr. Zaheer Ahamd, Senior Marketing Development Officer (North), Engro, Lahore, 53-D, New Muslim Town, Lahore
22. Mr. Nadeem Tariq, SGM (Mkt), Dawood Hercules Chemicals Limited, Lahore, 35-A, Shahrah-e-Abdul Hameed Bin Baadees, (Empress Road), Lahore 54000, Pakistan.
23. Mr. Farrukh Nadeem Abid, Manager (Tech. Services), Fatima Fertilizer Company, Multan, E-110, Kheab-e-Jinnah, DHA, Lahore Cant, Lahore

24. Dr. M. Bashir Butt, Director, Soil Fertility, AJK, Muzaffarabad
25. Mr. Muhammad K. Tanvir, Treasurer, SSSP, AARI, Faisalabad
26. Dr. M. Mahmood-ul-Hassan, NARC, Islamabad **Congress Secretary**

## Technical Committee

1. Prof. Dr. Zahir A. Zahir, IS&ES, Univ. Agri. Faisalabad ([zazahir@yahoo.com](mailto:zazahir@yahoo.com)) , Tel: +92 41-9201092 **Convener**
2. Prof. Dr. Farmanullah Khan, Deptt. Soil & Environ. Sci., KPK Agr. Uni., Peshawar ([armankhan380@hotmail.com](mailto:armankhan380@hotmail.com)).
3. Dr. Shahid Javed, SC&ESI, Ayub Agri. Res. Instt., Faisalabad ([sjavid61@gmail.com](mailto:sjavid61@gmail.com)).
4. Dr. Hafiz Nadeem, Asghar, IS&ES, Univ. Agri. Faisalabad ([naemasghar@yahoo.com](mailto:naemasghar@yahoo.com))
5. Dr. Dr. Zia-ul-Hassan Shah, Asstt. Prof., Deptt. Soil Sci., Sindh Agri. Univ., Tandojam (zhnshah@gmail.com)

## Publicity Committee

1. Mr. Ajmal Khan, Director, Soil and Environmental Institute, AARI, Faisalabad ([ajmalkhan54@gmail.com](mailto:ajmalkhan54@gmail.com)) +92 41-9200745, +92 321-8435809
2. Dr. Mehrunisa Memon, Asstt. Prof., Depart. Soil Sci., Sindh Agri. Univ., Tandojam ([nisamemon@gmail.com](mailto:nisamemon@gmail.com)), +92 (0)22-276-5870 Ext. 356
3. Mr. Abdul Khaliq, Asstt. Prof., Depart. Soil & Environ. Sciences, Faculty of Agriculture, Rawalakot ([mkhaliq\\_78667@yahoo.com](mailto:mkhaliq_78667@yahoo.com))
4. Prof: Dr. A.K.K. Achakzai, Botany Deptt. University of Balochistan, Quetta-Pakistan, ([profakk@yahoo.com](mailto:profakk@yahoo.com)) +92 812-9211264
5. Dr. Wisal Muhammad, Principal Scientist, NIFA, Tarnab, Peshawar ([wisalyasir@hotmail.com](mailto:wisalyasir@hotmail.com))

## Accommodation Committee

**Convener:** Dr. Muhammad Akram Kazi, Agri. Chemist, Soil and Water Testing Laboratory, Lahore ([makramqazi@gmail.com](mailto:makramqazi@gmail.com)), +92 42-99260319, +92 300-4533275

## Transport Committee

**Convener:** Aftab Ahmad Sheikh, ASFO, Soil Fertility Research Institute, Lahore ([aftabas@yahoo.com](mailto:aftabas@yahoo.com)) +92 333-4510544

## Food Committee

**Convener:** Mr. Muhammad Nadeem Iqbal, ASFO, Soil Fertility Research Institute Lahore. ([nadeemiqbal66@gmail.com](mailto:nadeemiqbal66@gmail.com)) +92 333-6855160

## Audiovisual Committee

**Convener:** Mr. Sajjad Rasheed, IT Manager, Soil Fertility Research Institute, Lahore. ([cse\\_sajjad@yahoo.com](mailto:cse_sajjad@yahoo.com)) +92 301-4490974

## Media Coverage & Froeigner Facilitation Committee

Dr. Zaheer Ahmed, Senior Marketing Development Officer, ENGRO, Lahore ([smdonorth@engro.com](mailto:smdonorth@engro.com)) +92 302-8400711

Mr. Shahbaz Ahmad, Scientific Officer, LRRI, NARC, Islamabad. +92 301-5604060

## Post-Congress Tour Committee

**Convener:** Dr. Qazi Muhammad Akram, Agri. Chemist, Lahore  
([makramqazi@gmail.com](mailto:makramqazi@gmail.com)), +92 42 99260319, +92 300-  
4533275

### **CONGRESS SECRETARIAT:**

Land Resources Research Institute  
National Agricultural Research Centre  
Islamabad 45500

E-mail: [congress2012@sss-pakistan.org](mailto:congress2012@sss-pakistan.org)

Tel: + 92 57 9255051; +92 51 8449128

## 14<sup>th</sup> CONGRESS OF SOIL SCIENCE March 12-15, 2010

### Registration Form

Name: -----

Address: -----

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Email: -----

Telephone: ----- Fax: -----

I enclose registration fee vide Bank Draft No. \_\_\_\_\_ dated  
\_\_\_\_\_ of Rs. \_\_\_\_\_

I will participate in Post-Congress Tour Yes [ ] No [ ]

Please mail the completed registration form along fee to:

#### **Dr. M. Khalid Tanvir**

Treasurer, SSSP/SFO, Soil Fertility Section, ARRI, Faisalabad

E-mail: [khalid\\_tanvir@yahoo.com](mailto:khalid_tanvir@yahoo.com)

Tel: +92 41 2653134, Cell: +92 321 7662484

### Accommodation Request Form

I require accommodation\* Yes [ ] No [ ]

Room rent range Rs. ----- to ----- per night\*

I will arrive in Lahore on \_\_\_\_\_ at \_\_\_\_\_ by \_\_\_\_\_

And will require accommodation for \_\_\_\_\_ nights.

Please send the accommodation request to:

#### **Dr. Muhammad Akram Kazi**

Agri. Chemist, Soil and Water Testing Laboratory, Lahore

([makramqazi@gmail.com](mailto:makramqazi@gmail.com)), +92 42-99260319, +92 300-4533275

*\*Accommodation charges will be paid by the participant.*