

International conference on:

# Earth Sciences Pakistan 2014

Baragali Summer Campus, University of Peshawar

August 29-31, 2014



Organized by:

National Centre of Excellence in Geology, University of Peshawar

Circular

## Conference objectives

power shortage Natural disasters earthquakes floods ... 2012? 2013? 2014 energy crisis  
coal exploration ??? Oil-gas-mineral exploration ??? water resources



Following the successful events of Earth Sciences Pakistan (ESP) 2010 & 2012, the National Centre of Excellence in Geology is organizing "Earth Sciences Pakistan (ESP) 2014" at the Baragali Summer Campus, University of Peshawar. As highlighted in the previous conferences, the role of earth and environmental scientists is getting crucial and vital in many ways. In the modern world, they are facing tough challenges to not only add existing water, energy and mineral resources, but are required to ensure their environmental sustainability. Dwindling water resources, energy shortfalls, shortcomings in oil and gas exploration and depleting raw material from mineral, agriculture and forestry are threatening economic viability and sustainability of the nation. While serious efforts are needed on part of the government, the geoscientists and engineers need to take the responsibility to meet these challenges. Natural hazards pose one of the biggest challenges to the present-day earth scientists. Spread of population centres to plate boundaries, emergence of megacities with population exceeding tens of millions, and more than 90% built environment lacking seismic compliance, expose Pakistan to unprecedented disasters. Floods and climate-controlled mass-movement hazards like avalanches, landslides and debris flow are increasingly threatening Pakistan.

A comprehensive, innovative and interdisciplinary approach is required to confront the challenges faced by modern-day earth scientists. The 3-day international conference on "Earth Sciences Pakistan 2014" aims to bring together scientists from academia and industry; professional consultants and graduate students from all over the country to present their latest finding on various aspects of earth sciences. The forum will serve to exchange and share expertise, experience and research to develop a comprehensive approach towards meeting the modern-day challenges including climate change, hazards and sustainable usage of natural resources.

Besides, traditional conference themes (listed below), this conference offers sponsored sessions to all those government and non-government organizations who want to showcase their research and professional activities in front of the community. The ESP 2014 will provide all conference facilities to sponsored sessions.

## Scientific Symposia and Themes



Three separate symposia are designed. Symposia A covers traditional conference themes, whereas Symposia B covers sponsored sessions and Symposia C covers poster session (details below).

### Symposia A (Thematic Sessions)

- Theme 1: Geoscience for Society: Environment, Geo-awareness, Geo-heritage, Geo- archaeology
- Theme 2: Himalayan and Pre-Himalayan Tectonics
- Theme 3: Mineral/placer exploration, Economic Deposits, Mining and Management
- Theme 4: Neo-tectonics, Geomorphology
- Theme 5: Sedimentology and Biostratigraphy
- Theme 6: Hydrocarbon Exploration (Conventional and Unconventional Energy Resources)
- Theme 7: Geo-surveys and Maps, Revised Stratigraphy
- Theme 8: Engineering Geology and Geomechanics
- Theme 9: Hydrogeology, Hydrology, Water Resources and Conservation
- Theme 10: Geoinformation for Natural Hazards and Resource Exploration
- Theme 11: Geohazards: Earthquake and Engineering Seismology, Floods, Landslides
- Theme 12: Disaster Management and Mitigation

### Symposia B (Sponsored Sessions)

Sponsored sessions will provide excellent opportunity to all those national and international organizations who want to showcase their research and professional activities in front of the community. Each sponsored session will be for 1 to 3 hours maximum. The advantage of sponsored session is that the session will be exclusively dedicated to that particular organization, i-e., the organization will lead/chair the whole session. For further information please contact Dr. M. Hanif (mhanif\_nceg@upesh.edu.pk).

### Symposia C (Poster Session)

There will be an open poster session on the Final day of the Conference for all the themes included. In order to encourage students awards will be given to the top three students posters.

## Registration - Abstract Submission



### Abstract, Poster Submission and Correspondences

Abstract template is available at: <http://nceg.upesh.edu.pk/ESP2014/introduction.html>. The conference abstracts will be published in a special volume of the Journal of Himalayan Earth Sciences (JHES) dedicated to Prof. Dr. M, Asif Khan(T.I). Each oral presentation will be for 15 minutes including 2 minutes for discussion in the end. Submit your abstract or Poster to (post or email): **Mr. Shah Faisal Khan (Conference Secretary) Email: [nceg@upesh.edu.pk](mailto:nceg@upesh.edu.pk)**, National Centre of Excellence in Geology, University of Peshawar, Peshawar - 25120.

### Important dates

- May 31, 2014 Abstract submission deadline
- June 20, 2014 List of accepted abstracts will be available on the NCEG conference website
- June 30, 2014 Final date for Early Registration and Boarding/Lodging confirmation with payment
- August 29-31, 2014 Conference
- November 30, 2014 Submission of complete manuscripts for consideration in the JHES.

### Fee

Early Registration Professionals: Rs. 2000, Students: Rs. 1000

On Desk Registration Professionals: Rs. 3000, Students: Rs. 1500 (Note: No Boarding Lodging will be provided)

Boarding/lodging **Package 1:** Rs. 6000 (03 nights campus accommodation, Rs. 3000 for students) **Package 2:** Hotel accommodation @ Rs.6000 per night per person.

Meals Both packages 1 & 2 cover all meals and refreshments on Baragali Campus from 28<sup>th</sup> August (evening) to 31<sup>st</sup> August, 2014.

Payment Please arrange/send pay order or demand draft **before 30 June, 2014** including registration and boarding/lodging fee in favor of the Director, NCE in Geology, University of Peshawar-25120.

## Organizing Committee, Contacts, and Registration Form

- Patron in Chief: Prof. Dr. Muhammad Rasul Jan, Vice Chancellor, University of Peshawar
- Patrons: Prof. Dr. M. Qasim Jan, Advisor OIC Standing Committee (COMSTECH), Islamabad, and Professor Emeritus NCE in Geology Prof Dr. M. Asif Khan (T.I), Ex Director and Senior Professor, NCE in Geology, University of Peshawar
- Conveners: Prof. Dr. M. Tahir Shah, Director, NCE in Geology, University of Peshawar Prof. Dr. Irshad Ahmad, NCE in Geology, University of Peshawar
- Chief Organizers: Dr. Liaqat Ali, Assistant Professor, NCE in Geology, University of Peshawar Dr. Muhammad Hanif, Assistant Professor, NCE in Geology, University of Peshawar
- Conference Secretary: Mr. Shah Faisal Khan, Assistant Professor, NCE in Geology, University of Peshawar
- Contact Details: Dr. Liaqat Ali ([liaqat.nceg@upesh.edu.pk](mailto:liaqat.nceg@upesh.edu.pk)) Dr. Muhammad Hanif ([mhanif\\_nceg@upesh.edu.pk](mailto:mhanif_nceg@upesh.edu.pk)) Mr. Shah Faisal Khan ([nceg@upesh.edu.pk](mailto:nceg@upesh.edu.pk)) Phone: +92-91-9216427

**Registration Form (ESP: 2014)**

Name: \_\_\_\_\_ Position/Designation: \_\_\_\_\_

Institution/ Organization: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Email: \_\_\_\_\_ Phone(Mobile): \_\_\_\_\_ Fax: \_\_\_\_\_

Presentation/Poster:  Yes  No Title: \_\_\_\_\_

Package 1 or 2 \_\_\_\_\_ Signature \_\_\_\_\_

*Return to (before 30 June 2014): Mr. Shah Faisal Khan, Conference Secretary, NCE in Geology, University of Peshawar, Peshawar-25120.*