

Chief Organizers

Prof. Dr. M. Tahir Shah
NCE in Geology
University of Peshawar
Peshawar

Dr. Shuhab D. Khan
Associate Professor
Department of Earth and Atmospheric
Sciences
University of Houston
Houston, USA

Venue

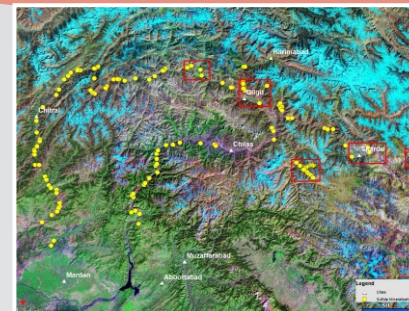
Auditorium
Pakistan Academy of Sciences
Constitutional Avenue
G-5/2, Islamabad

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Towards Better Understanding of Gold Mineralization of Northern Areas of Pakistan

ONE DAY WORKSHOP
December 18, 2013

Venue

Auditorium of the
Pakistan Academy of Sciences, Islamabad

Organizers



NCE in Geology, University of Peshawar
University of Houston, USA

Sponsored by



Higher Education Commission of Pakistan
&
US Department of State

SUMMARY

This collaborative project “Integration of Geological and Remote Sensing Data for Finding Source Rocks for Gold in the Northern Areas of Pakistan” between University of Peshawar (Dr. M. Tahir Shah) and University of Houston (Dr. Shuhab Khan) was approved for funding by the Higher Education Commission of Pakistan and the US Department of State Under Pak-US collaborative academic program (Phase IV) in November, 2010. The main goals of this project were:

- To locate and identify gold anomalies in northern Pakistan using modern GIS, remote sensing and geochemical tools.
- To train Pakistani scientists in remote sensing image processing for mapping sulfide-bearing sheared/alteration/auriferous zones and host rocks.
- To improve geochemical facilities at the National Centre of Excellence in Geology, University of Peshawar, Pakistan.
- To train and share new knowledge of this work with national and international scientists and stakeholders of the region

This one day workshop will primarily share with the participants, the use of various advanced level techniques and findings of this project.

TOPICS TO BE COVERED

- New web-based GIS database for mineral exploration in Northern areas of Pakistan
- New petrographic and geochemical techniques and results on gold and sulfide mineralization
- Case studies for five target sites in Gilgit-Baltistan area
- Studies of environmental degradation associated with gold panning
- Future of mineral exploration in Pakistan

PARTICIPATION

The workshop will include graduate students and several early career faculty from the University of Peshawar and other universities and the geoscientists from various organizations representing mineral sector of the country. In addition to sharing results of this project with the participants, new research ideas will be explored that will build on our existing collaborative links.

*Note: The last date for receiving nominations from different organizations and early registration is **December 10, 2013.***

REGISTRATION FORM

Name:

Designation:

Affiliation:

Address:

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Telephone:

Fax:

Email:

Date:

Signature

.....

Nominating Authority (if any):

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- Last date of submission of Registration Form is December 10, 2013.