



INTERNATIONAL CONFERENCE

May 27-28, 2025, Islamabad



GEOLOGICAL HAZARDS IN PAKISTAN

Organized by Geological Survey of Pakistan



GSP GNSS Observatory (Ghanche/Skardu)
Station Code: LIAS01PAK
Tectonic Block: Ladakh Island Arc

Pakistan National Research Program on Geological Hazards (Earthquakes & Landslides) Data Acquisition along Active Faults and Identification of Potential Landslide Hotspot Zones

Geological Survey of Pakistan (GSP), being the premier organization in Geoscience research in the country is responsible for the development and advancement of Earth Sciences in Pakistan. GSP is organizing an international conference on geological hazards (earthquakes and landslides) in Pakistan, to encourage research in assessment and mitigation of geological hazards and encountering the adverse effects of climate change. The conference aims to bring together international experts to share knowledge and experience on geological hazards, with a special focus on the use of Global Navigation satellite System (GNSS) technology. The conference will foster research collaboration and sharing of the ideas to enhance disaster preparedness capabilities against these natural disasters. Through discussions and knowledge sharing, we seek to foster a culture of resilience and safeguard the communities from the devastating impacts of geological hazards.

Themes:

- Integration of GNSS data with other geospatial technologies for comprehensive hazard analysis
- Challenges and opportunities in deploying and maintaining GNSS infrastructure in Pakistan
- International cooperation and knowledge sharing in geological hazard management
- Cross-border data sharing for GNSS-based hazard monitoring
- Policy and regulations: International policies and legal aspects related to GNSS usage and data sharing
- The interplay of climate change and mass movement hazards

Application submission deadline: January 15, 2025
Manuscript's acceptance letter: February 05, 2025
Visa applications: March 05, 2025
Conference dates: May 27-28, 2025 at Islamabad
Field visit to Salt Range/Himalayas/Karakoram:
29th May to 3rd June, 2025(Optional/Selected participants)

Patronage:
Dr. Sajjad Ahmad
Director General
Geological Survey of Pakistan

Convener:
Mr. Adnan Alam Awan
Deputy Director General
Project Director
GSP-PSDP (Geo-Hazards)
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