



## Announcement 3<sup>rd</sup> Circular



**Central University of Himachal Pradesh  
&  
Geological Society of India  
Cordially invites you to be the part of  
National workshop on**

### **GEODYNAMICS IN HIMALAYA & DISASTER MANAGEMENT**

**1-3 Nov. 2023**

**&**

**Annual Convention of Geological Society of  
India**

**1<sup>st</sup> Nov.2023 (afternoon)**

**Venue:**

**Auditorium**

**Central University of Himachal Pradesh**



### **About The Event**

The Dhauladhar Mountain is one of the most spectacular places known for its scenic beauty. Apart from this aspect, it is also one of the favorite's topics of geological research for scientific community. The Dhauladhar Mountains are extending from Dalhousie's in the west to Mandi in the east covering a length of about 200 km. The southern slopes of the Dhauladhar range have whispering pines which speak a million words. The beauty of the flora and fauna is unmatched. The natural beauty spreads like a big, beautiful carpet covering the majestic mountains. Watching the amazing sunrise and sunset is a blessed feeling. Geologically, the region is unexplored so far as the scientists and researchers could not be attracted to this part of mountains which has complete field geology in its lap. The Kangra valley which is so beautiful in its setting have lot of hidden information on past earthquakes, archeological and on past climatic events as characterized by the presence of longitudinal and transverse faults which poses great threat to the region from natural hazards. The GPS observation of the Himalayan region has shown variation in the convergence rate from west to east and indicated that lot of energy had been accumulated which can lead to future earthquake in any part of Himalayan segments. Seismic vulnerability of India is well known as more than 60% of its area lies in high hazard zones due to the presence of major active faults in its plate boundaries and continental interiors, which produced large earthquakes in the past and have potential to generate major earthquakes in future.



Further, the frontal part of the Himalaya is housing lot of urban population and prone to seismic hazards and site amplification factors, thus there is a need for resilience infrastructure to reduce disaster risk from ensuing earthquakes. Identification and characterization of active faults and deciphering their seismic potential are of vital importance in seismic hazard assessment of any region. The Himalayan region is also housing number of power projects and have a major concern of their safety due to the natural hazards. Recently Uttarakhand region had witnessed glacial outburst due to which Rishi Ganga Hydrel and Tapovan Hydrel projects suffered a lot. Thus, glacier lake outburst floods (GLOFs) have become emblematic of a changing mountain cryosphere. The Himalaya suffered the highest losses from these sudden pulses of meltwater but lack a quantitative appraisal of GLOF hazard. This necessitates a fresh appraisal of the operative geodynamic processes, sustainable exploration of mineral & energy resources, meteorological changes, climate changes and global warming, seismotectonic models, level of stress accumulation, current seismicity patterns to identify zones prone to such natural disaster in Himachal Pradesh. To make comprehensive assessment of the progress in these vital issues, a 3 day program is planned at Central University of Himachal Pradesh, Dharamshala in association with Geological Society of India to coincide their Annual General meet on 1<sup>st</sup> to 3<sup>rd</sup> November 2023. The program is also planned to evolve different projects on different natural hazards focusing on Himachal Pradesh after due recommendation of the experts during valedictory session. One session of the workshop will focus on mineral/Natural resources of Himachal Pradesh level focusing recent landslide issues which had caused lot of devastation in 2021 in the entire Uttarakhand and Himachal state and their mitigation measures. The last half day will be focused on field work around Dharamshala



### Chief Patrons

**Prof. S. P. Bansal**  
Hon'ble VC, CUHP

**Dr. Harsh K. Gupta**  
President, GSI

**Dr. Srivari Chandrasekhar**  
Secretary, DST

**Dr. M Ravichandran,**  
Secretary, MoES

**Sh Vivek Bhardwaj**  
Secretary, MOM

### National Advisory Committee

Dr. B.K Bansal-Vice President, Geological Society of India  
Dr. V.P. Dimri – Former Director, NGRI  
Dr B. Mahabaleswar-Vice President, Geological Society of India  
Dr. K.V. Subbarao-Vice President, Geological Society of India  
Dr Manish A Mamtani, Vice President, Geological Society of India  
Prof. G. M. Bhat, Editor, Geological Society of India (GSI)  
Dr. Kamal Kishore-Member, National Disaster Management Authority  
**Dr. Janardan Prasad**, Director General, Geological Survey of India  
Dr. K.V. Krishnamurthy-Secretary, Geological Society of India  
Mr N Rajendran, Secretary General Geological Society  
Dr. Kalachand Sain-Director, WIHG and Council member GSI  
Dr Prakash Kumar- Director, NGRI  
Dr Dilip Saha-Indian Statistical Institute and Council member GSI  
Dr. V.M Tiwari- Former Director NGRI  
Dr O.P. Mishra, Director, NCES, MOES, Delhi  
Dr Sunil Kumar Singh, Director, NIO, Goa  
Dr Thamban Meloth, Director, NCPOR, Goa  
Dr Sushma Rawat, Director Exploration, ONGC  
Dr Surya Prakash – Scientist, National Institute of Disaster Management  
Member Secretary, HIMCOSTE, Govt. of Himachal Pradesh  
Member Secretary, H.P. State Council of Science and Technology  
Dr V.N. Vasudev, Treasurer, Geological Society of India  
Dr. R. Baskar, Professor, IGNOU and Council member GSI  
Prof Pradeep Kumar, CUHP  
Prof Vishal Sood, CUHP  
Prof Suman Sharma, CUHP  
Prof Sunil Thakur, CUHP

### Exhibition Stalls

An exhibition of geosciences and allied instruments and services will be organized during the workshop. The exhibitor will have scope to make video scrolling not exceeding 2 to 3 minutes during lunch hours. The Exhibition stall (9x9 ft) fee: Rs. 75,000/-.

### Local Organizing Committee

#### Chairman

Prof. Amrish Kumar Mahajan

#### Co-convenors

Dr. Chinmaya Maharana

Dr. Alok Kumar Pandey

#### Members

Prof Deepak Pant

Dr. Ankit Tandon

Dr. Dilbag Singh



### Registration Form

Name: Prof./Dr./Mr./Ms:.....

Designation:.....

Organization:.....

E-mail:.....

Presenting a Paper

.....

Title of the Paper:

.....

.....

Phone: .....Fax: .....

Accommodation required: Yes /

No.....

Details of the Bank Draft:

.....

Draft No. & Date: .....

Amount: Rs. ....

Issuing Bank: .....

Signature



### About the Central University of Himachal Pradesh

Central University of Himachal Pradesh was established in 2010 under the central University act 2009. The aim of the university is to strive for inclusive access to excellence in higher education and research to emerge as premier institution. The Department of Environmental Science, School of Earth and Environmental Sciences offers Master's as well as PhD Degree. The department is dedicated to protect the Himalayan Environment by training the students and achieving excellence in the modern and relevant scientific research in the field of Environmental Science.

### About Dharamshala

Dharamshala city is located 18 km North of Kangra town. It is a part of District Kangra. Dharamshala is also the District Headquarter. The town Dharamshala is well connected both by road and air from New Delhi and Chandigarh and also by rail from Pathankot. The town is approx. 100 km from Pathankot, approx. 250 km from Chandigarh and approx. 500 km from New Delhi which are well connected from rest of the country. The climate during November is pleasant, however alight warm clothing is required. The venue is located approx. 30 km away from Dharamshala on Mandi – Pathankot highway (NH-20) towards Pathankot.

### Major Themes

Geosciences & Geodynamics of the Himalaya  
Tectonics & Evolution of the Himalaya  
Seismic Hazard & Seismic micro zonation Studies  
Active fault mapping  
Key issues in Himalayan geological disaster  
Natural Hazards of Himachal Pradesh  
Mineral & Energy resources of Himalaya region

### Abstract Volume & Souvenir

The national workshop on **Geodynamics in Himalaya & disaster management and Annual Convention of Geological Society of India** will bring out a volume containing abstracts, messages from luminaries, geoscientific work of eminent scientists/researchers. The full-length articles & research papers will be published as a special publication of Geological Society of India. We will also bring out a souvenir reflecting achievements of different research institutes, universities and other organizations (Industries & Instrument Manufacturers) who are willing to highlight their achievements.

The tariffs for publication of Advertisements in abstract volume are listed below:

Back Cover: Rs. 1,00,000/-  
Inside front Cover: Rs. 75,000/-  
Inside back Cover: Rs. 50, 000/-  
Inside Full Page: Rs. 25,000/-

The tariff for publication of achievements of institution/organization are listed as below:

Back Cover: Rs. 50,000/-  
Inside Full-Page color: Rs. 25,000/-

Registration amounts and all other payments who are interested in publication of their products/Details of their organization need to send necessary information to:

[geohim23cuhp@gmail.com](mailto:geohim23cuhp@gmail.com) by 15<sup>th</sup> August 2023. The tariff has to be paid/transfer in favors of Finance officer payable at Central University of Himachal Pradesh, Dharamshala.

The accounts details are as under:

Name: Finance officer, Central University of Himachal Pradesh  
Bank Name: Canara Bank, Dharamshala  
Acctt. No: 2062101009761  
IFSC code: CNRB0002062

### Registration Fee:

Delegates: Rs. 3000/-  
Students and Research Scholars: Rs. 1000/-  
Representatives from Industries: Rs 10000/-

Registered participants will receive Seminar materials, Tea and Lunch during the program. The registration fee should be paid as bank draft drawn in favor of "Finance Officer, Central University of Himachal Pradesh, Dharamshala".

### Abstract

Interested participants are requested to send their abstracts in Times new roman style with font size 12 (not more than 500 words) to the chairman of the seminar before 10th July 2023. For the publication, selected full length paper after peer review would be published in Journal of the Geological Society of India. Scientific posters are also invited.

### Calendar of Events:

Deadline for submission of: -  
Abstracts & Registration form: 31<sup>st</sup> July 2023  
Communication of acceptance: 31<sup>st</sup> August 2023  
Submission of full length paper: 30<sup>th</sup> September 2023  
Venue: Auditorium CUHP, Dharamshala  
Send your all correspondence at below mentioned email Id: [geohim23cuhp@gmail.com](mailto:geohim23cuhp@gmail.com)

### Accommodation:

Accommodation is available in the Hotels which can be arranged only on advance payment. The city hotel tariffs are from Rs. 3000 to Rs. 5000. For more information related to nearby interesting locations, you can refer to this article: <https://www.fabhotels.com/blog/places-to-visit-in-dharamshala/>

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