



**WADIA INSTITUTE OF HIMALAYAN GEOLOGY**  
(An autonomous Institute of the Dept. of Sci. & Tech., Govt. of India)  
33, General Mahadeo Singh Road, Dehra Dun 248001, INDIA

**Dr. Rajesh Sharma**

Scientist 'G'

Convener: WIHG Golden Jubilee Conference

Dear

*Dr Rao*

As part of the Golden Jubilee Celebrations, the Wadia Institute of Himalayan Geology is organizing National Conference on "Earth System Science with special reference to Himalaya: Advancement and Challenges" during May 16-18, 2018 at its premises in Dehradun. The three days technical program of the conference include one day field excursion to the HFT-MBT-Krol-Tal Succession.

The conference is aimed to cover presentations and discussions on the themes which are significant to the 'Societal aspects of Geoscience' and the 'Himalayan Evolution'. Many leading and active Indian researchers are expected to participate in this event. You are cordially invited to contribute your research findings and actively participate in the deliberations.

On behalf of the organizing committee, I also request you to please circulate the enclosed brochure of this conference in your department, and encourage the researchers for active participation. We look forward for your valuable presence as well as participation of other colleagues from your department.

For any further information please feel free to contact us.

With warm regards,

*Rajesh Sharma*

Rajesh Sharma

*Dr. Director  
CESS  
Dehradun*

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*c.m. for circulation*

*Sharma*  
13/4/18

*Please circulate in office*

*Sh*  
16/4/18



**National Conference on Earth System Science with special  
reference to Himalaya: advancement and challenges**

**Patrons**

**Prof Ashutosh Sharma**  
Secretary, DST, New Delhi

**Dr. M.N. Rajeevan**  
Secretary, MoES, New Delhi

**Prof S.K. Tandon**  
Chairman, Governing Body, WIHG

**Organising Committee**

**Chairperson**

**Dr Meera Tiwari**  
Scientist 'G' and Director (Additional charge)

**Convener**

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**Co-convenor**

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Wadia Institute of Himalayan Geology  
33, General Mahadeo Singh Road,  
Dehradun 248 001, Uttarakhand, India



**NATIONAL CONFERENCE  
ON  
EARTH SYSTEM SCIENCE WITH  
SPECIAL REFERENCE TO HIMALAYA:  
ADVANCEMENT AND CHALLENGES**

**May 16-18, 2018**

**Circular**

**Golden Jubilee Celebration  
1968-2018**

**Organised by**



**Wadia Institute of Himalayan Geology**  
33, General Mahadeo Singh Road  
Dehradun - 248 001



## PREAMBLE

The continent-continent collision between Indian and Eurasian plates has resulted in the orogeny giving birth to the 2400 km long Himalayan mountain belt from Nanga Parbat in the NW to Namcha Barwa in the SE. The lithotectonic succession of this mountain belt is a complex interaction of Himalayan and pre-Himalayan tectonic events, climate change and surface processes. The complexities ranging from foreland accretion (Siwalik) to the exposure of deep-seated rocks on the surface, mineralogeny, formation of spectacular river gorges and canyons, the expressions of large earthquakes potentially unravel new understanding. Recent geoscientific researches on subsurface lithosphere, kinematic and structural analysis, petrogenesis and geothermobarometry greatly decode the evolution of this complex orogenic belt. The rivers originating in Himalaya build a vast landscape in the mountains and the foreland that sustain human civilization through the ages. Overall, the mighty Himalaya is not only an ideal laboratory to understand the Geodynamic processes, but is also significant as a life-line to one fifth of the global population. It is therefore pertinent that the societal aspects, such as mitigation of natural hazards, management of water and energy resources, economic minerals, climate change and ecosystem, large engineering infrastructure projects, etc. be evaluated with an updated earth science knowledge. This calls for a close interaction and deliberations on the recent geoscientific researches on Himalaya and assessing the value addition made to subject in recent years. The Wadia Institute of Himalayan Geology is therefore organizing a *“National conference on Earth System Science with special reference to Himalaya: advancement and challenges”* during May 16-18, 2018 at the Institute premises in Dehradun. There will be one day Field Excursion on May 18, 2018 in the HFT-MBT-Krol-Tal Succession.

## THEMES

- Crustal Evolution and Tectonic Framework
- Climate Change and Geological Processes
- Geological Resource Potentials
- Science of Natural Hazards
- Sedimentary basins, stratigraphy and past life of Himalaya
- Geophysical studies in the Himalaya and Indian subcontinent

## CALL FOR SCIENTIFIC PAPERS

The Organising Committee cordially invites you to participate in the conference and register. Extended abstracts not exceeding 500 words are invited on the focal themes. The abstract may be submitted to the conveners through electronic mail in the MS Word format in Times New Roman (11 pt). The abstract should include title, name(s) of the author and organization, address including e-mail ID, and should indicate the presenting author, and requested mode of presentation (oral/poster). Interested participants may please respond through email timely.

## REGISTRATION FEES

Delegate	: Rs. 3000/-	Accompanying Person	: Rs. 1500/-
Student	: Rs. 1000/-		

The participants are required to pay the registration fee through a bank draft/multicity

cheque drawn in favour of Director, Wadia Institute of Himalayan Geology, Dehradun. The registration fee also covers the one day field excursion. Efforts are being made to provide limited travel assistance to deserving young researchers.

## IMPORTANT DATES

Response Date	: March 15, 2018
(Please respond, if you wish to receive further information)	
Last date for submission of Abstract	: April 6, 2018
Communication of abstract acceptance	: April 20, 2018
Conference Dates	: May 16-17, 2018
Field Excursion	: May 18, 2018

## ACCOMMODATION

Limited accommodation in Guest Houses will be available at nominal rates on first come first serve basis. The following types of hotel accommodation will be booked on request on payment basis. The request has to be made by 20<sup>th</sup> April 2018.

Single (AC)	: Rs. 1800 - 4000/-	Double (AC)	: Rs. 2500 - 5000/-
Single (Non AC)	: Rs. 1200 - 1800/-	Double (Non AC)	: Rs. 1500 - 2000/-

## THE HOST INSTITUTE

The Wadia Institute of Himalayan Geology (WIHG) is an autonomous research Institute of the Dept. of Science and Technology, Govt. of India. The WIHG undertakes, co-ordinates, and promotes advance research towards understanding the geodynamic evolution of the Himalaya and the Himalayan geoscience for the society, through an integrated interdisciplinary approach. The Institute also serves as a database/National reference center for Himalayan geology and has 56 scientists and about 70 research scholars working on various aspects of Earth system science. The Institute is well equipped with the state of art laboratories that work towards creating and improving knowledge of the geodynamic processes, climate variability, natural resources, assessment and mitigation of natural hazards, Himalayan glaciers, evolution of life and river systems. The Institute is celebrating its Golden Jubilee Year and this conference is a part of the year-long Golden Jubilee Celebrations.

## DEHRADUN, THE HOST TOWN

Dehradun is a beautiful and scenic valley located between the Lesser Himalayan formations to its North and the Siwaliks to its South. Dehradun is located ~ 54 km from Haridwar, ~ 45 km from Rishikesh and ~ 32 km from Mussoorie. There are a number of places of tourist interest in and around the city. The altitude of the city is about 700 meters and the temperature during the month of May generally fluctuates between 22° and 38°C. There are many flights operating daily from Delhi, Mumbai, Bangalore, Lucknow, Jammu and Hyderabad to Dehradun and back. Dehradun is also well connected with Indian Railways. There are regular trains from Delhi and many other Indian cities. The road distance from Delhi to Dehradun is about 260 km that takes 6-7 hrs to drive. There are government buses operating from Delhi-Dehradun. The organizers may arrange hired taxi on request on payment basis (about Rs. 4000/-) direct from Delhi Airport to Dehradun.