



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY
सत्यमेव जयते

***Divecha Centre for Climate Change,
Indian Institute of Science,
Bengaluru***

Organising

NATIONAL CONFERENCE ON HIMALAYAN CRYOSPHERE

22-23, November 2023

***DST-Centre for Excellence in climate change,
Indian Institute of Science***

About the conference:

Himalayan cryosphere due to large concentration of seasonal snow and glacier provide sustainable source of water for people living in the mountain and in the surrounding plains. However, due to climate change Himalayan region is experiencing higher warming than global mean, causing rapid loss in glacier mass and early melt of seasonal snow. Recent advances in observational and modelling techniques have provided unique information on the Himalayan cryosphere and its influence on water availability. In addition, retreating glaciers will also create natural hazards from glacier lakes, influencing safety and livelihood of people living in the mountains. By considering these aspects, a National Conference is being hosted by Divecha Centre for Climate Change, Indian Institute of Science, Bangalore.

The conference will provide a platform to exchange latest developments in the glaciological science and the young researchers will get an opportunity to interact with eminent scientists.

Session themes :

The session will cover five broad aspects as given below.

- 1) Observations, processes and dynamics of Himalayan Cryosphere
- 2) Himalayan Cryosphere under warm climate
- 3) Himalayan Cryosphere and Disaster
- 4) Cryosphere and community
- 5) Cryosphere research and policy making

About the Department:

The Divecha Centre for Climate Change was established in January 2009 at Indian Institute of Science with a financial support from Arjun and Diana Divecha and the Grantham Foundation for the protection of the environment. The primary goal of this centre is to understand climate variability and climate change and its impact on the environment. The Centre has undertaken outreach activities to create awareness among people and policy makers about climate change and its consequences.

Guidelines for abstract submission :

The length of abstract should be limited to a maximum 500 words, typed in Arial font size 12 in MS-word, giving the Title, Name(s) of the author, affiliation with the organisation, corresponding E-mail id and also mention theme of presentation.

The link for Abstract submission and registration :

<https://forms.gle/7P4mCaSLQUDxvRuW9>

Important Dates:

Last date of abstract submission: October 15, 2023:

Notification of acceptance : October 20, 2023

Registration:

Registration is free but necessary for participation.

Accommodation:

Accommodation will be provided for the selected participants.

Contact Details:

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