

Sponsorship

The organizing committee solicits sponsorship for events and activities related to above conference from academic institutions and leading industries.

Accommodation

Delhi has a number of hotels with tariff ranging from INR 1500 to INR 20,000/-, to those who would like to make their independent arrangements

Delhi

Delhi, the capital of Independent Democratic Republic of India has an area of about 1478 sq.km. Delhi, the capital of mighty empires and kingdoms is one of the most ancient and historic cities of India. They had left behind monuments of a profusion of architectural styles. A few

cities in the world have such majestic monuments. Delhi has the largest number (about 1300) of monuments in India. India's most famous monument, Taj Mahal situated at Agra, is 3-hrs train journey from Delhi. It is situated at an altitude of 230 meters from Mean Sea Level. New Delhi is a modern well planned city architects by genius of Sir Edwin Intens and Sir Herbert Baker. August is rainy season in Delhi with showers now and then. During August average temperature will be 29° C with a maximum of 32° C and minimum of 25°C.

Field Study & Local sightseeing

Field study and local sightseeing program will be arranged on 24th August 2012. Participant should register in advance while submitting registration form. h

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**International Conference on Climate Change and the Himalayas (INCCH) Climate Change Informatics
CSIR-National Institute of Science Communication And Information Resources (CSIR-NISCAIR)**

Dr K S Krishnan Marg, Pusa Campus, New Delhi 110 012, India

Email: climateconf@gmail.com; Telephone No: 911125843974, 91 9968119626; Website: <http://www.niscair.res.in>

Application form and brochure can be downloaded from the website <http://www.niscair.res.in>

OR

**by sending a request to climateconf@gmail.com
Submit your abstract by email to climateconf@gmail.com**

International Conference on "Climate Change and the Himalayas: Current Status and Future Perspective"

CSIR-National Institute of Science Communication And Information Resources
New Delhi, INDIA

22-24 August 2012



In association with

CSIR-Centre for Mathematical Modelling and Computer Simulation (CMMACS), Bengaluru; CSIR-Central Road Research Institute (CRR), New Delhi
CSIR-Institute of Himalayan Bioresource Technology, Palampur; CSIR-Indian Institute of Integrative Medicine (IIIM), Jammu
CSIR-National Institute of Science Technology and Development Studies (NISTADS), New Delhi; CSIR-North-East Institute of Science and Technology (NEIST), Jorhat, Assam

Organized by

CSIR-National Institute of Science Communication And Information Resources, New Delhi

In milieu of Diamond Jubilee Celebration of NISCAIR & 40th Year of Indian Journal of Geo-Marine Sciences (IJMS)



fold



Himalayan mountain chain consists of a number of arcuate chains with 2,400 km long and 300 to 400 km wide. Himalayan mountain chain is the youngest, still evolving and glaciations is developed about two million years ago from the late ice age Pleistocene. Climate Change in Himalayan region is already underway. It has the largest ice cover in terms of numbers of glaciers. The present interglaciers warm period is a period of glaciers retreat. Glaciers located in the Central Himalaya had recorded an annual retreat of 8-10 m/y. This may be due to complex regional and local phenomena along with climate change.

Imminent threat to Himalayan region due to Climate change is glacier melting. This will result in increase in water level of glacier lakes, recharge of water at the watershed region of the glaciers fed rivers and sloppy fracture zones of the aquifers rocks. Glacial retreat will proliferate avalanches, landslides in this region. It will have catastrophic effects on the glaciers fed rivers in general and watershed area of the river in particular. Studies to minimize the impact of climate change in the Himalayas are not so conspicuous. There are attempts to delineate global climate change and its impacts on Himalayan glaciers on climate change.

Himalayan mountain chain and ecosystem is one of the 34 global biodiversity hot spots. It is highly species rich and has 65 % forest cover of its geographic area. There are 1750 herbal species native to

the Himalayas, utilized for Indian System of Medicines. Rich natural resources from this ecosystem provide life supporting provisions to millions of inhabitants. There are more than twenty rivers originating from the Himalayas. It supplies 1,20,00,000 million cubic meters of water and are source of livelihood for billions of population. Climate Change related risk will adversely affect more than 70% of the rural people located in this area. Temperature rise will result in erratic water conditions, untimely snowfall, erratic downpour and global recession.

The Himalayas, the spectacular mountain region and ecosystem is one of the most data sparse regions in the world as far as Climate Change is concerned. There should be knowledge based qualitative assessment on Climate Change of this ecosystem. Dearth of climate data of this region is to be facilitated through collaborative research with data logging facilities. In order to deliberate on these issues, an International conference on **"Climate Change and the Himalayas: Current Status and Future Perspective"** will be held at CSIR-National Institute of Science

Communication And Information Resources, New Delhi, India during 22-24 August 2012. It is expected that International Conference will help in finding appropriate cost effective solutions to problems arising out of climate change, apart from building a database and Information systems on climate change. The scientific gathering will also help to identify possible adaptation and mitigation options based on their research findings and experience.

The focal themes of the conference are exclusively related to "the Himalayas".

- Glaciers
- Climate Change Indicators and Projections
- Disaster, Mitigation and Adaptation

- Energy, Transport and Water Resources
- Socio-economic Prospective
- Biodiversity and Biodiversity Hot Spots
- Paleo-climatic Conditions
- Geospatial Technology & Environmental Modeling
- Himalaya Informatics and Data Base

Call for Papers

Research papers are invited on the major themes for the "International Conference on Climate Change and the Himalayas: Current Status and Future Perspective" organized by CSIR-National Institute of Science Communication And Information Resources, New Delhi. Researchers, Planners and policy makers are requested to send the extended abstracts of original research, not exceeding 350 words (less than two pages) for oral/poster presentations. The prospective contributors are expected to submit specific case studies pertaining to above thematic areas and possible mitigation and adaptation options. The abstract may be submitted by email to climateconf@gmail.com. The full paper is to be prepared as per the format of Indian Journal of Geo-Marine Sciences (IJMS). The Instruction to Authors of IJMS is available at <http://www.niscair.res.in>. Full papers of the selected presentations will be considered for publication in Indian Journal of Geo-Marine Sciences (IJMS)/edited volumes by reputed publishers.

Travel Support

All the efforts will be made to provide partial travel support to all the selected national and international participants who will submit full research articles as per the schedule.

Important Dates

Last Date for submission of Abstracts	15th June 2012
Acceptance of papers	20th June 2012
Full paper submission	09th July 2012
Last Date for Registration	10th July 2012
Conference (INCCCH)	22nd-24th August
Field study and local sightseeing	24th August 2012

Registration Fee

The registration fee includes conference bag, abstract volume, conference material, invited dinner, breakfast, lunch and dinner during the conference period, free accommodation at CSIR Guest House, transport from the airport/railway station to the place of stay and Conference venue and back, field study and local sightseeing, International delegates will be accommodated at International Guest House of CSIR/ ICAR.

Domain of Participants	General	Student
International Participants	US \$ 1000	US \$ 500
SAARC & ASEAN participants	US \$ 500	US \$ 250
National participants	₹ 5000	₹ 3000

Payment should be made in favour of "Director, NISCAIR" either by demand draft or cheque payable at Delhi





REGISTRATION FORM

International Conference on
**"Climate Change and the Himalayas:
Current Status and Future Perspective"**
22-24 August 2012

Name of First Author: Mr./Mrs./Ms./Dr./Prof.:

Designation :

Organization :

Address :

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State: Country: Pin/Zip Code:

Email:

Contact Numbers : STD code:..... Ph:Mobile:.....

Title of paper :

Participation: 1. International Conference on Climate Change and the Himalayas

2. Field study & Local sight seeing

Subject area of expertise:

.....

Author for Communication (if different from above):

.....

Email:

Registration Fee Details:

₹/\$..... Draft No:..... Bank:.....Date:

Visa details of participants from countries other than India:

Passport Number: Date of Expiry:

Date:

Signature:

Name:

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