

## INTRODUCTION

The mountain hydrology and meteorology are very crucial components of development of many mountainous countries of the world. The importance of mountain hydrology and meteorology has increased significantly nowadays due to change in world climate. Its importance in the Hindu-Kush-Karakorum-Himalayan region is much more due to the presence of snow and glacier ice in those mountain ranges which is very sensitive to changing climate. Water is one of vital natural resources required for sustainable development and environmental integrity. Hence, scientific discussion and knowledge sharing on the mountain hydrology and meteorology is very much essential to understand its complex nature so that a sustainable development can be achieved.

In order to address the issues of mountain hydrology and meteorology for sustainable development an *International Conference on Mountain Hydrology and Meteorology for the Sustainable Development* will be organized in Kathmandu, Nepal on 10 and 11 April 2017.

The Conference will be jointly organized by Society of Hydrologists and Meteorologists-Nepal (SOHAM-Nepal), Department of Hydrology and Meteorology (DHM), Government of Nepal (GoN), United Nation Educational, Scientific and Cultural Organization, International Hydrological Programme Nepal (UNESCO IHP-Nepal), Nepal Academy of Science and Technology (NAST), Central Department of Hydrology and Meteorology (CDHM), Tribhuvan University (TU) and Himalayan Cryosphere, Climate and Disaster Research Center, Kathmandu University (KU).

The conference aims to invite researchers, scientists, engineers, planners, development workers as well as experts on related fields and to provide platforms for presenting their research

activities along with discussion on observations, findings and innovative ideas. Keynote speakers will be invited to deliver presentations on specific burning issues. Selected peer reviewed papers will be published in the Journal of Hydrology and Meteorology published by SOHAM-Nepal.

## PROGRAMME

The conference will consist of a mixture of oral and poster sessions. We encourage posters that promote interaction among participants, and communications that present new research prior to peer-reviewed publication. Additional activities are to be determined including conference dinner, post-conference excursion and Exhibition stall.

The meeting will also provide the opportunity to organize special sessions on specific current issues and stall exhibition

Contributions to the conference will be selected according to their relevance to the topics aforementioned. More information regarding the program will be announced in 2nd circular.

## CONFERENCE TOPICS

The conference will cover a wide range of topics concerning mountain hydro-meteorology, its links to sustainable development and other related issues. The meeting will be dedicated to the following topics but not limited to:

- Mountain hydrology and hydrological modeling
- Water resources management
- Isotope hydrology
- Trans-boundary issues of water resources
- Cryospheric changes and its impacts on water resources
- Watershed management
- Mountain ecosystem services

- Mountain meteorology and climate
- Paleoclimate
- Climate variability and changes
- Monsoon
- Extreme weather events
- Climate change and cryosphere
- Disaster risk reduction

## LOCATION

The conference will be held at the capital city of Nepal, Kathmandu. The city stands at an elevation of approximately 1,400 m (4,600 ft) in the bowl-shaped Kathmandu Valley of central Nepal. Kathmandu Valley has a rich cultural and religious history and is home to seven UNESCO World Heritage Sites. (For further information, please visit official website [www.welcomenepal.com](http://www.welcomenepal.com)).

## WEATHER

April is one of the best seasons for tourists and trekkers because of little rains and the moderate weather condition. This is also the appropriate season to see mountain views. The average daytime temperature is around 28°C whereas the average minimum temperature is 12°C. The normal rainfall is 61 mm for the month of April. (For further information, please visit official website [www.mfd.gov.np](http://www.mfd.gov.np)).

## VENUE

To be determined

## POST-CONFERENCE EXCURSION

Ponkar Glacier is a partly debris-covered glacier at Bhimthang in Manang district, Nepal. The lowest

altitude of Ponkar Glacier is 3776 m and can be reached in three days from Kathmandu.

## IMPORTANT DATES

**Submission Abstract: 31 December 2016**  
**Notification of acceptance: 15 February 2017**  
**Submission of Full paper: 15 March 2017**  
**Conference starts: 10 April 2017**

## ORGANIZING COMMITTEE

### Organizing Committee:

**Chair Person:** Dr. Rijan Bhakta Kayastha, SOHAM-Nepal/KU

### Co-chair persons:

Dr. Laxmi Prasad Devkota, UNESCO, IHP Nepal  
Dr. Rishi Ram Sharma, DHM

**Member Secretary:** Mr. Suman Kumar Regmi  
General Secretary, SOHAM-Nepal/DHM

### Members:

Mr. Saraju Kumar Baidya, DHM  
Mr. Ram Gopal Kharbuja, DHM  
Dr. Deepak Aryal, CDHM, TU

## SCIENTIFIC COMMITTEE

**Chair Person:** Dr. Madan Lall Shrestha, NAST

**Co-chair persons:** Dr. Dibas Shrestha, Member, SOHAM-Nepal/NAST

### Members:

Dr. Jagadishor Karmacharya, DHM  
Dr. Tirtha Raj Adhikary, CDHM, TU  
Dr. Arun Bhakta Shrestha, ICIMOD

## ADVISORY COMMITTEE

Prof. Sursh Raj Chalise  
Mr. Adarsha Prasad Pokhrel  
Prof. Dr. Bidur Prasad Upadhyay  
Dr. Janak Lal Nayava

Mr. Kiran Shankar Yogacharya  
Mr. Jagat Kumar Bhusal

## REGISTRATION FEE

- For domestic participants:  
Student: NPR 1500  
Individual: NPR 3000  
Institutional: NPR 5000  
SOHAM member: NPR 2000
- For International participants:  
SAARC countries: USD 100  
Non SAARC countries: USD 250

Participants are requested to send their registration fees through bank transfer:

Bank: NMB Bank (<http://nmbbanknepal.com>)  
Babarmahal, Kathmandu, Nepal  
Account Holder: SOHAM-Nepal  
Account Number: 00100014621C  
SWIFT Code: NMBBNPKA

Registration fee includes conference bag, two lunches, a dinner and tea/coffee on meeting days.

## CONTACT

**Society of Hydrologists and Meteorologists-Nepal (SOHAM-Nepal)**

Balbhadra Marga, New Baneshwor  
Kathmandu, Nepal  
Postal: P.O.Box 11444, Kathmandu, Nepal  
Telephone: +977-1-4105029  
Web: [www.soham.org.np](http://www.soham.org.np)

**Conference email: [conference@soham.org.np](mailto:conference@soham.org.np)**

(The Second Circular will give further information about accommodation, the general scientific programme, additional activities, preparation of abstracts and final paper.)

First Circular, August 2016

# Third International Conference on Mountain Hydrology and Meteorology for the Sustainable Development

*10-11 April 2017  
Kathmandu, Nepal*



### *Organized Jointly by:*

Society of Hydrologists and Meteorologists-Nepal  
(SOHAM-Nepal)  
Department of Hydrology and Meteorology  
(DHM), Government of Nepal (GoN)  
United Nation Educational, Scientific and Cultural  
Organization, International Hydrological  
Programme Nepal (UNESCO IHP-Nepal)  
Nepal Academy of Science and  
Technology, (NAST)

Central Department of Hydrology and Meteorology  
(CDHM), Tribhuvan University (TU)  
Himalayan Cryosphere, Climate and Disaster  
Research Center, Kathmandu University (KU)