

**CLIMATE CHANGES IN INDIAN SUB-CONTINENT  
WITH SPECIAL REFERENCE TO HIMALAYAS**

**About the Society:**

Indian Society of Engineering Geology (ISEG), founded in 1965, is a professional and a scientific forum comprising of members from the fields of Geology, Geotechnical Engineering, Civil Engineering, Geophysics, Environmental Sciences, Mining and other related disciplines. ISEG, the Indian National Group of the International Association of Engineering Geology and the Environment (IAEG) provides a vibrant platform for the professionals/ academicians of the fields to share and disseminate technical knowledge by conducting seminars/ workshops/ conferences at regular intervals. The society has recently completed fifty years of glorious service to the nation & celebrated its golden jubilee by successfully organizing a Magnanimous International Conference titled "Engineering Geology in New Millennium (EGNM)-2015" at IIT Delhi, New Delhi between 27-29 October, 2015.

**About the Workshop:**

The increasing human activities due to industrial revolution have led to unprecedented changes in the earth's delicate climate system. Impacts of climate change affect ecosystems in a variety of ways. The Himalayan ecosystem consists of natural and geological wealth like glaciers, snow, abundant forest cover and bio-diversity, micro flora and fauna and wild life. The ecologically sensitive Himalayan mountain system is prone to adverse impacts of climate change on account of global warming and unplanned urbanization. There is global concern that glaciers are receding on account of climate change and global warming. As the source of most of the region's major rivers, changes in Himalayan ecosystems can drastically affect the proposed large scale water resource developmental activities and in turn alter the lives of more than the 700 million who live in the region. There is an urgent need for more authentic research and studies on the likely impact of climate change on the Himalayan ecosystem. Keeping these in view, Indian Society of Engineering Geology (ISEG) proposes to conduct a workshop on "Climate Changes in Indian Sub-Continent with Special Reference to Himalayas" at Hotel Vibe, Lalit, 12/7 Mathura Road, Near Toll Plaza, Faridabad on 2nd April, 2016 (Saturday). In this workshop, there will be lecture/presentation sessions by eminent professionals/researchers who will highlight various aspects of climate change and their effect in infrastructure development in Himalayas. The presentation sessions shall be followed by a panel discussion by the experts from the field.

**Fees:**

The workshop is free for the ISEG members. Non-ISEG members can also participate in the workshop followed by lunch by paying a nominal fee of Rs. 1000/- per participant. It is requested to please confirm your participation latest by 22nd March, 2016 through e-mail at india.seg@gmail.com or arindomiseg@gmail.com.

**Registration form for Non- ISEG Participants**

Name: ....., Designation: .....

Company: ..... Address: .....

Mobile No.: ....., Telephone No.: .....

E-mail id: .....

**Note:**

**Non-ISEG members**

**Mode of Payment:** Through online transfer (NEFT);

**Name of the Bank:** UCO Bank, GSI Branch, Aliganj, Lucknow, **Name of Account:** INDIAN.SOC.OF.ENG

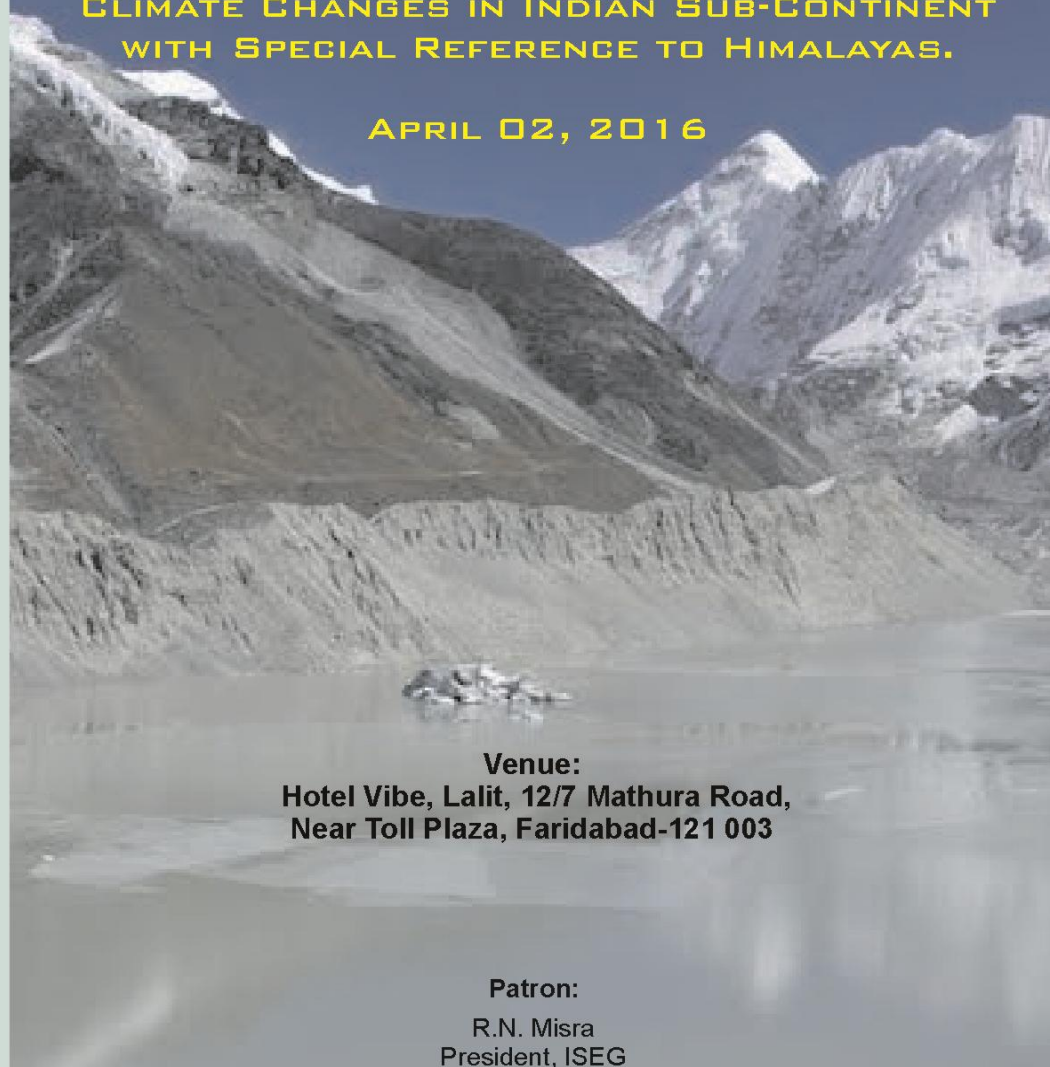
**Account Number:** 90330200000045, **IFS Code:** UCBA0002024



**Indian Society of Engineering Geology**

**WORKSHOP  
ON  
CLIMATE CHANGES IN INDIAN SUB-CONTINENT  
WITH SPECIAL REFERENCE TO HIMALAYAS.**

**APRIL 02, 2016**



**Venue:**

**Hotel Vibe, Lalit, 12/7 Mathura Road,  
Near Toll Plaza, Faridabad-121 003**

**Patron:**

**R.N. Misra  
President, ISEG**

**Contact Persons:**

**Imran Sayeed  
Secretary  
0129-225 6063, india.seg@gmail.com**

**Arindom Chakraborty  
Joint Secretary  
09654387950, arindomiseg@gmail.com**

# ISEG Workshop on “Climate Change in Indian Sub-Continent with Special Reference to Himalayas”

Date :- 2<sup>nd</sup> April, 2016

Venue:- Hotel Vibe, Lalit, Faridabad

## Programme Details



<b>Timing</b>	<b>Event</b>
0830-0930	: Registration
0930-1000	: Inaugural Session
1000-1100	: Presentation 1- “Climate Change & its Implications – Himalayan Perspective” by Dr. M.R. Bhutiyani, Director, DTRL, DRDO, New Delhi.
1100-1115	: Tea Break
1115-1200	: Presentation 2 – “Analyzing the Causes of Observed Climate Change Over India” by Dr. K.A. Rao, Associate Professor, Centre for Atmospheric Sciences, IIT Delhi.
1200-1245	: Presentation 3 - “Effects of Climate Change on Himalayas” – by Ms. Suruchi Bhadwal, Associate Director, Earth Science & Climate Change Division, TERI, New Delhi.
1245-1315	: Presentation 4 - “Optically Stimulated Luminescence Dating and its Significance in Palaeoclimatic Studies” – by Sh. S.A.I. Mujtaba, Suptdg. Geologist , GSI, Faridabad.
1315 - 1400	: Lunch
1400-1420	: Presentation 5 - “Retreat of Dakshin Gangotri Glacier in Shirmacher Region, East Antarctica & Vestre Broggerbreen Glacier in Svalbard, Arctic” by Dr. Sandip Roy, Suptdg. Geologist, GSI, Faridabad.
1420-1440	: Presentation 6 - “Late Quaternary Climate Changes in Shirmacher Region, East Antarctica” by Sh. Prakash Srivastava, Suptdg. Geologist, GSI, Faridabad.
1440-1525	: Presentation 7 - “Anthropogenic Perspective on Climate Variability & Disasters in Himalayan Terrain” by Dr. Surya Prakash, Associate Professor, NIDM, New Delhi.
1525-1545	: Discussion and Conclusion
1545-1600	: Tea Break
1600-1730	: ISEG GBM