Announcement

Workshop on
“Himalaya Earthquakes: A Fresh Appraisal”
(HIMEQ-2006)
7–8 October 2006
Wadia Institute of Himalayan Geology, Dehradun.

About the Workshop

Himalayan region is known to be seismically very active due to the ongoing collision between the Indian and the Eurasian plates. During the last century or so, four Great earthquakes ($M \geq 8$) have occurred along the Himalayan belt and historically the Himalayan Arc has been the site of more than one dozen large earthquakes ($M \geq 7$). On October 8, 2005 the collision zone in western Himalaya witnessed another devastating earthquake of Mw 7.6 that claimed more than 80,000 lives in India and Pakistan. This event closely followed the Mega-natural disaster of this century when the Great Sumatran earthquake of $M$ 9.3 on December 26, 2004 generated huge tsunami in the Indian Ocean killing about 300,000 people. Although, these two events are widely separated in space, several opinions are raised about the possible connection between these two events due to the short intervening time interval in their occurrence. Revised estimates of strain budget from GPS measurements suggest high probability of great earthquake in certain segments of the Himalayan Arc. This necessitates a fresh appraisal of the of the operative geodynamic processes, seismotectonic models, level of stress accumulation, current seismicity patterns, possible multi-parametric precursory signals to identify zones of asperity/nucleation/locked segments that may define centers of future earthquakes. To make comprehensive assessment of the progress in these vital issues, a 2-day workshop is planned at Wadia Institute of Himalayan Geology, Dehradun on October 7–8, 2006. The workshop will focus on strategies for filling the knowledge gaps, need for up-gradation of monitoring systems and evaluating hazard potential to suggest mitigation measures.

Themes

The focus will be on the following themes pertaining to Himalaya:

- Seismicity of the Himalaya with special reference to recent Kashmir and Sumatra Earthquakes
- Monitoring Network and Data Communication/Dissemination
- GPS initiatives
- Precursors & Prediction efforts
- Seismic Hazard, Microzonation & Mitigation
- Education and Public Awareness

Call for Scientific papers

Extended abstracts not exceeding 500 words (including diagrams) are invited on the focal themes. The abstract may be submitted through electronic mail in the MS word format or double-spaced typed copy on A-4 size paper, preferably with a soft copy on floppy. The abstract should include title, name(s) of the author and organization, their address(es, and should indicate the presenting author, session theme and requested mode of presentation. Abstract may submitted or forwarded to:

The Convenor, HIMEQ-2006, Wadia Himalayan Institute of Geology, 33, GMS Road,
Dehradun 248 001, Uttaranchal. e-mail: himeq_2006@wihg.res.in

For further details either please contact or surf: http://www.himgeology.com
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