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Geotechnical Study Circle, Kolkata

National Seminar on GEOHAZARDS OF UNDERGROUND STRUCTURES

7th and 8th May 2010

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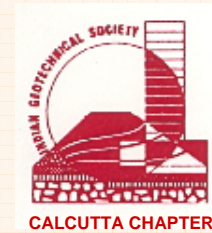
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National Seminar on GEOHAZARDS OF UNDERGROUND STRUCTURES

7th and 8th May 2010



Organised

by

Geotechnical Study Circle Calcutta
Kolkata Chapter of
Indian Geotechnical Society

In Association

with

School of Disaster Mitigation Engineering
Bengal Engineering and Science University,
Shibpur

Venue : Dr. Triguna Sen Auditorium of Alumni
Association, NCE Bengal and Jadavpur
University, Kolkata – 700 032.

FOREWORD

Geohazards are events caused by geotechnical or geological features and processes that present severe threats to humans, property and the natural and built environment. Geohazards can develop further into a situation leading to damage or uncontrolled risk involving long-term and/or short-term processes.

Earthquakes, avalanches, landslides, volcanoes, floods, tsunamis etc. are typical examples of natural geohazards. On the other hand, deep excavations, tunneling, rapid dewatering, pile driving etc. are some causes of man-made geohazards. In terms of number of fatalities, earthquakes and floods are often considered the most important geohazards. However, urban areas are becoming increasingly vulnerable to earthquakes because of rapid growth of urban centres with little or no regard to proper construction of residential buildings and land use planning. The boom in industrialisation and real estate in the country, without proper quality control and safety measures, have also led to an increasing number of geohazards, in recent times.

Thus, there is an urgent need to improve our basic understanding of the technical, financial and social risks posed by geohazards and devise suitable safety measures and mitigation techniques to combat them. As the nodal centre of geotechnical and related activities in the Eastern region, the Geotechnical Study Circle, in association with the School of Disaster Mitigation Engineering of Bengal Engineering and Science University, Shibpur, strongly felt the need to organise a National Seminar involving engineers, geologists, geo-scientists, social scientists, public authorities etc., to discuss the engineering, environmental, human and economic consequences of geohazards.

We are hopeful that the papers to be presented and the discussion during the seminar will result in better communication and dialogue among experts from different disciplines with the aim to find improved safety measures and viable strategies for mitigation of risks caused by geohazards.

We expect to get your active support and patronage to make this seminar a meaningful one.

DATE & VENUE

The seminar will be held on 7th and 8th May 2010 at Dr. Triguna Sen Auditorium of Alumni Association, NCE Bengal and Jadavpur University, Kolkata – 700 032.

THEMES

The main theme of the seminar will be 'Geohazards of Underground Structures'.

CALL FOR PAPERS

Papers on the above mentioned theme are invited from professionals, academicians, researchers and experts.

Prospective authors are requested to send abstracts of about 300 words by post or e-mail.

IMPORTANT DATES

Submission of Abstract	...	February 28, 2010
Acceptance of Abstract	...	March 15, 2010
Receipt of full length paper	...	April 11, 2010

REGISTRATION FEE

Members of IGS/Study Circle	...	Rs. 500/-
Non-Members	...	Rs. 1500/-
Sponsored Delegates	...	Rs. 2500/-

ACCOMMODATION

Participants shall be required to make their own arrangements for accommodation and local transport in Kolkata.

SPONSORSHIP

Patron*	...	Rs. 30,000 (4 delegates free)
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All payments may be made by Demand Draft/Cheque drawn in favour of 'Geotechnical Study Circle', payable at Kolkata.

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National Seminar on GEOHAZARDS OF UNDERGROUND STRUCTURES

7th and 8th May 2010

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Registration Fees

Rs. 500/- (IGS/Study Circle Members)

Rs. 1500/- (Non-members)

Rs. 2500/- (Sponsored delegates)

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