



Indian Society of Engineering Geology

In association with

Geological Survey of India

Organizes



National Seminar on Engineering Geology, Geotechniques and Geohazards - A quest for excellence

10 - 11 July, 2014, Kolkata

PROGRAMME

Day-1: 10 July, 2014

09.00-10.00 hrs. REGISTRATION		
INAUGURAL SESSION (10:00 to 11:15 hrs)		
Chairman: Dr. Gopal Dhawan , President, ISEG		
10.05-10.07 hrs.	Invocation/Lighting of lamp	
10.07-10.15 hrs.	Welcome and briefing by Shri M. Raju, Secretary, ISEG.	
10.15-10.20 hrs.	Address by Shri K. Balasubramanian, Chairman, Organising Committee & Dy. D.G. & HoD, E.R., GSI	
10.20-10.25 hrs.	Address by Dr. Prabhas Pande, Vice President, ISEG	
10.25-10.30 hrs.	Address by Shri Harbans Singh, Addl. D.G., GSI	
10.30-10.35 hrs.	Release of Abstract cum Souvenir Volume	
10.35-10.45 hrs.	Address by Dr. S.K. Wadhawan, Director General, GSI & Chief Patron, ISEG	
10.45-10.55 hrs.	Address by Dr. Gopal Dhawan, President, ISEG & CMD, MECL	
10.55-11.10 hrs.	Address by the Guest Honour: Shri R.N. Khajanchi, MD, PHPA, Bhutan.	
11.10-11.15 hrs.	Vote of Thanks by Shri Prasanta Mishra, Organising Secretary.	
11.15-12.00 hrs.	Tea Break	
TECHNICAL SESSION-I (12:00 to 13:20 hrs)		
Theme-1: Fundamental research in Engineering Geology, Geotechnical testing and Rock mass characterisation		
Chairman: Dr. Prabhas Pande, Vice President, ISEG		
Co Chairman: Shri B.V. Reddy, Director, Aarvee Associates		
12.00-12.10 hrs.	Prediction of shear strength parameter for prototype rockfill material based on index properties	Shri N.P. Honkanadavar, CSMRS, N. Delhi
12.10-12.20 hrs.	A model approach in investigation techniques in Hydro electric power projects	Shri B. Prabhakaran, NHPC Ltd
12.20-12.30 hrs.	Geological Strength Index (GSI) – Tool to Establish Design Parameters for Underground Excavation	Shri R.C. Bhandari, Intercont. Consul and Technocrats Pvt. Ltd., New Delhi
12.30-12.40 hrs.	Insitu shear strength parameters- a case study	Dr Bharti Chawre, CSMRS, N.Delhi
12.40-12.50 hrs.	Small Hydropower Big Problems	Shri Yogendra Deva, Indo Canadian Consultancy Services Ltd.
12.50-13.00 hrs.	Geological Strength Index (GSI) based rock mass catagorisation of Khindsi Feeder Canal, Nagpur district, Maharashtra	Shri Milind V. Dhakate, GSI

13.00-13.10 hrs.	Grain Size distribution pattern of Rae Bareli District, Uttar Pradesh	Smt Arpita Pankaj, GSI
13.10-13.20 hrs.	Influence of in-situ stress state on underground cavern design	Shri M. Satish, Aarvee Associates
13.20-14.00 hrs.	LUNCH	
TECHNICAL SESSION-II (14.00 hrs to 15.30 hrs)		
Theme-II: Geotechnical studies of tunnels, caverns and support measures		
Chairman: Shri Imran Sayeed, NHPC		
Co Chairman: Shri Yogendra Deva, ICC Ltd		
14.00-14.10 hrs.	Construction of Diversion Tunnel of Koteshwar HEP through weak and complex Geological Setup – A case Study	Shri R.K. Vishnoi, THDC, Rishikesh
14.10-14.20 hrs.	Geological challenges in the construction of Underground Structures of Vyasi Hydroelectric Project	Shri G. P. Patel, UJVN Ltd., Dehradun
14.20-14.30 hrs.	Geotechnical problem of tilting & subsidence of sunken well for high level jetty at Pandu port, Guwahati, Assam	Dr. Barin Chatterjee, Consultant Engineering Geologist
14.30-14.40 hrs.	Construction Stage Geotechnical Investigations on Additional Fuel Storage and Associate Structures with special reference to groutability, Bhaba Atomic Research Centre Project, Tarapur, District Thane, Maharashtra	Shri R. H. Chavhan, GSI
14.40-14.50 hrs.	Geotechnical Studies for Underground Caverns: A case Study of Tawang HE Project Stage-I, Arunachal Pradesh, India	Shri Sumit Dabral, NHPC Ltd.
14.50-15.00 hrs.	Pre-Construction Stage Geotechnical Investigation for the proposed tunnel, Package-17 forming a part of Dr. B.R. Ambedkar Pranahita Chevella Sujala Sravanthi Scheme, Medak District, Andhra Pradesh	Shri B. K. Bhandaru, GSI
15.00-15.10 hrs.	Geotechnical Problem Encountered in HRT of Pallivasal Extension Scheme, Idukki District, Kerala	Shri K. Aravind, GSI
15.10-15.20 hrs.	Electrical Resistivity Imaging of Underground Mine Voids, Fissures and Fire Affected Pillar in Jharia Coal Field	Shri Suresh Prasad Yadav, BIT Sindri, Dhanbad
15.20-15.30 hrs	Geotechnical Investigation of the Tunnel from Dharmasagar Reservoir to R S Ghanpur Reservoir, under Phase-III of J. Chokka Rao Devadula Lift Irrigation Scheme, Warangal District, Andhra Pradesh.	Shri G.J.S. Prasad, GSI
15.30-15.45 hrs.	Tea	

TECHNICAL SESSION-III (15.45-17.00 hrs.)

Theme-III: Geotechnical evaluation of water resource development and hydroelectric projects**Chairman:** Dr. P.C. Nawani, Jindal Power.**Co Chairman:** Shri R.K. Vishnoi, THDC

15.45-15.55 hrs.	Small hydropower Big problems	Shri Yogendra Deva, Indo Canadian Consultancy Services Ltd., Noida
15.55-16.05 hrs.	Geoenvironmental Investigations for Small Hydropower Projects: Ensuring Sustainability	Shri Shakti Prakash, URS Consulting Pvt. Ltd
16.05-16.15 hrs.	Geological investigation, a necessity in every stage of project advancement- A case study, Punasi reservoir scheme, Deoghar district, Jharkhand.	Shri S. Basu Roy, Geological consultant
16.15-16.25 hrs.	Construction Stage Geotechnical Evaluation of Sengulam Augmentation Scheme, Idukki District, Kerala	Shri S. Chandrasekaran, GSI
16.25-16.35 hrs.	Suitability of aggregate for Hydro Power Projects	Shri Santosh K. Sati
16.35-16.45 hrs.	Construction Stage Geotechnical Investigation of Pump House at Kannepally Village, Lift Irrigation Scheme, Mahadevpur Mandal, Karimnagar District, A.P.	Shri B. Ajaya Kumar, GSI
16.45-17.00 hrs.	Geotechnical Inputs to Address Geological Challenges at Samoda Barrage Project, Raipur District, Chhattisgarh	Prashant P. Kalpande, GSI

Day-2: 11 July, 2014**TECHNICAL SESSION-IV (10.00-11.35 hrs.)****Theme-IV: Geotechnical assessment of landslide and seismic hazards****Chairman:** Shri R.N. Mishra, SJVNL.**Co Chairman:** Dr. Y.P. Sharda, SNC Lavlin.

10.00-10.25 hrs.	<i>Key note: Earthquake – Landslide – Flood nexus at the middle reaches of Yigong Tsangpo, Tibet: remote control for catastrophic flood in Siang, Arunachal Pradesh, India</i>	Dr. Sujit Dasgupta
10.25-10.40 hrs.	Principles and practices in earthquake related studies	Dr. Prabhas Pande, Addl. Director General (Retd.), GSI
10.40-10.55 hrs.	Applicability of numerical solutions to practical problems of slope stability in heavily jointed rock mass	Dr. Manoj Verman
10.55-11.05 hrs.	Earthquake Occurrences in Kishtwar Region, Jammu and Kashmir- An Overview	Shri A. Dasgupta, CVPP Ltd., Jammu
11.05-11.15 hrs.	Disasters – Natural or Man made? – Some observations	Shri Prasanta Mishra, GSI
11.15-11.25 hrs.	Facet based Landslide Hazard Zonation of Kodaikanal Hills, Dindigul District, Tamilnadu	Shri C. Thanavelu, GSI
11.25-11.35 hrs.	Extreme Hydrological Situation and Debris	Shri Niroj Kumar Sarkar, GSI

	Flow Initiation- Consequences and Concern	
11.35-11.50 hrs.	Tea	
CONCLUDING SESSION (11.50-13.05 hrs.)		
Chairman: Dr. S.K. Wadahawan, Director General, GSI.		
Co Chairman: Dr. Gopal Dhawan, President, ISEG & CMD, MECL		
Panellists: Shri K. Balasubramanian, Dr. Prabhas Pande, Shri B.V. Reddy, Shri Imran Sayeed, Shri Yogendra Deva, Dr. P.C. Nawani, Shri R.K. Vishnoi, Shri R.N. Mishra, Dr. Y.P. Sharda.		
11.50-11.55 hrs.	Opening remarks by Dr. S.K. Wadahawan, Director General, GSI.	
11.55-12.00 hrs.	Remarks by Shri K. Balasubramanian, Dy.D.G. & HoD, GSI & Chairman, Organising Committee	
12.00-12.50 hrs.	Panel discussion	
12.50-13.00 hrs.	Summing up and Concluding remarks by Dr. Gopal Dhawan, President, ISEG & CMD, MECL	
13.00-13.05 hrs	Vote of Thanks	
13.05- 14.00 hrs.	LUNCH BREAK	
BRAINSTORMING SESSION		
on		
“International Conference on Engineering Geology in New Millennium” at New Delhi, India scheduled on 27,28 and 29 October, 2015, to commemorate the Golden Jubilee of Indian Society of Engineering Geology (1965-2015)”		
ISEG IC EGNM (14.00-15.30 hrs.)		
Chairman: Dr. Gopal Dhawan, President, ISEG		
Co Chairman: Shri R.N. Mishra, SJVNL		
14.00- 14.05 hrs	Opening remarks by Dr. Gopal Dhawan, President, ISEG & CMD, MECL	
14.05- 14.10 hrs	Status of work done for ISEG IC EGNM by Shri M. Raju, Secretary, ISEG	
14.10- 15.20 hrs	Inputs from Members of Advisory/Technical Committee Members	
15.20- 15.30 hrs	Summing up	
15.30- 15.35 hrs	Vote of thanks by Shri Imran Sayeed	
Tea Break 15.30-16.00 hrs.		
GENERAL BODY MEETING OF ISEG (16.00-17.00 hrs.)		
Venue: Asutosh Birth Centenary Hall, Indian Museum, 27 J.L. Nehru Road, Kolkata - 16		
Chairman: Dr. Gopal Dhawan, President, ISEG.		

Indian Society of Engineering Geology

Website: www.isegindia.org

E mail: india.seg@gmail.com