

International Webinar on Forensic Geotechnical Engineering (IWFGE)

10-13 December, 2020



TC 302 - Forensic Geotechnical Engineering

Organized by



International Society
for Soil Mechanics
and Geotechnical Engineering



Indian Geotechnical
Society



Indian Institute of
Technology Bombay



Indian Institute of
Science Bangalore



Indian Institute of
Technology Delhi



Scheme for Promotion of
Academic and Research
Collaboration, Govt. of India

SESSION

SPEAKER

LECTURE TITLE

10th December

Session 1

GMT: 05.30 am

IST: 11.00 am



Prof. Limin Zhang

Associate Head and Chair Professor

Department of Civil and Environmental Engineering

Hong Kong University of Science and Technology, HK

Engineering Risk Mitigation for the Landslide Dam Breaches on the Jinsha River and the Yarlung Tsangpo Grand Canyon in 2018

GMT: 06.30 am

IST: 12.00 noon



Dr. W. F. Lee

Honorary Editor

Forensic Engineering Journal, ICE UK

Taiwan

Forensic Investigation and Retrofit of a Subway Tunnel Failure

Session 2

GMT: 12.30 pm

IST: 06.00 pm



Prof. David Frost

Elizabeth and Bill Higginbotham Professor

School of Civil and Environmental Engineering

Georgia Institute of Technology, USA

Geotechnical Extreme Events

Reconnaissance: The Importance of Perishable Data

GMT: 01.30 pm

IST: 07.00 pm



Prof. Kerry Rowe

Barrington Batchelor Distinguished Professor

Department of Civil Engineering

Queen's University, Canada

Human Factors in Engineering Failures - Some Common Problems and a Few Examples

SESSION

SPEAKER

LECTURE TITLE

11th December

Session 3

GMT: 05.30 am

IST: 11.00 am



Prof. Iwasaki Yoshi

Director

Geo-Research Institute

Japan

The Capability of the Geotechnical Engineer to Prevent the Geo-Disaster

GMT: 06.30 am

IST: 12.00 noon



Prof. Malek Bouazza

Professor

Department of Civil Engineering

Monash University, Australia

Lessons Learned from Waste Containment Facilities Failures

Session 4

GMT: 12.30 pm

IST: 06.00 pm



Prof. Luiz Guilherme de Mello

Assistant Professor

Polytechnical School

University of Sao Paulo, Brasil

Investigations for the Understanding and Root Cause of the Failure on Chaglla Headrace Tunnel

GMT: 01.30 pm

IST: 07.00 pm



Prof. Timothy D. Stark

Professor

Department of Civil and Environmental Engineering

University of Illinois at Urbana-Champaign, USA

Re-evaluation of the Fundao Tailings Dam Failure in Brazil - Causation and Failure Mechanism

SESSION

SPEAKER

LECTURE TITLE

12th December

Session 5

GMT: 05.30 am

IST: 11.00 am



Prof. Ikuo Towhata

Professor Emeritus

Department of Civil Engineering

University of Tokyo, Japan

*Extraction of Underground Energy
Resources and Induced Seismicity*

GMT: 06.30 am

IST: 12.00 noon



Prof. E. C. Shin

Professor

Department of Civil and Environmental Engineering

Incheon National University, Korea

*Safety of Underground Structures
and its Countermeasures*

Session 6

GMT: 12.30 pm

IST: 06.00 pm



Prof. Gopal Madabhushi S. P.

Professor

Department of Engineering

University of Cambridge, UK

*Learning from Post-Earthquake
Reconnaissance*

GMT: 01.30 pm`

IST: 07.00 pm



Prof. Robert Gilbert

Department Chair and Professor

Dept. of Civil, Architectural and Environmental Engineering

University of Texas at Austin, USA

*Planning for Failure is Hard
to Do... but Important*

SESSION

SPEAKER

LECTURE TITLE

13th December

Session 7

GMT: 06.30 am

IST: 12.00 noon



Prof. Lee Fook Hou

Professor

Department of Civil and Environmental Engineering

National University of Singapore, Singapore

Some Geotechnical Incidents and How They Have Influenced the Geotechnical Landscape in Singapore

Session 8

GMT: 12.30 pm

IST: 06.00 pm



Prof. Stephan Jefferis

Visiting Professor

Department of Engineering Science

University of Oxford, UK

Investigation of Unanticipated Performance of Materials and Geotechnical Processes in the Ground

GMT: 01.30 pm

IST: 07.00 pm



Prof. G. L. Sivakumar Babu

Professor

Department of Civil Engineering

Indian Institute of Science, India

Learning from Failures and Forensic Engineering Education

Registration & Meeting Link:

Please register for webinar using the following link:

<https://tinyurl.com/y2qkq7u9>

Registration is mandatory for attending the event

Organizer:

TC 302 - Forensic Geotechnical Engineering

website: <http://tc302-issmge.com/>

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