

ISSMGE FOUNDATION REPORT ON CONFERENCE ATTENDANCE

Your Name:	Your Organization:	Date of report:
Chaidul Haque Chaudhuri	Indian Institute of Technology Bombay	13-10-2021
Conference Title:	Location of Conference:	Dates of
17 th World Conference on		Conference:
Earthquake Engineering	Sendai, Japan	September 27 to
(17WCEE)		October 2, 2021

What you learned:

The participation in 17th World Conference on Earthquake Engineering (17WCEE), 2020-21, conference gave me an opportunity to get exposure to ongoing research activities in the field of soil mechanics, earthquake engineering, and structural engineering. Although due to COVID Pandemic it was not able to an in person interaction but even in virtual mode I had able to interact with academicians and practicing engineers from various countries and leading researchers and stalwarts in the field of engineering and gain an insight into their on-going research activities. The discussions with the experts through online comment box were very fruitful and it helped me to broaden my knowledge and deepen my understandings of the subject. Moreover, I also received valuable research inputs from researchers working in the similar area of geotechnical earthquake engineering. In the conference, I have made many friends with researchers from different countries which will help me significantly in the near future in exchange of valuable ideas and thereby leading to possible research collaborations.

People you met:

The conference provided me an opportunity to interact with academicians and practicing engineers from various countries and leading researchers and stalwarts in the field of geotechnical and structural engineering through online mode. Some of them are given below:

- Prof. Tsuyoshi Takada, School of Engineering of the University of Tokyo, Japan.
- Prof. Y. Xiao, Distinguished Professor, Zhejiang University, China.
- Prof. K. Irikura, Adjunct Professor, Aichi Institute of Technology.
- Prof. T. Kijewski-Correa, University of Notre Dame, Notre Dame, IN, USA.
- Mr. Khalid Bashir, Senior Research Scholar, IIT Roorkee.

Main features of conference:

The 17th World Conference on Earthquake Engineering 2020-21, was held on September 27



to October 2 in 2021 in Sendai, Japan through hybrid mode (both online and in person). The conference covered several topics from geotechnical and structural engineering such as liquefaction, slope failure, soil-structure interaction, underground structures, foundations, seismic response of bridges and other structures, earthquake studies etc. The conference had parallel sessions which includes several keynote lectures, oral presentation, poster presentation and short presentation (SOP). As the conference was in hybrid mode so maximum presentations are available in the website with the audio of the speakers. Hence it was very flexible to attend any such presentation at any time and also there was a provision for making any comment on the presentation. The access to online mode is extended for one-month post conference. Finally, the organizing committee was very professional and didn't cause any inconvenience to the delegates during the 17WCEE.

Your comments on the conference:

The 17th World Conference on Earthquake Engineering 2020-21 was a well-organised conference. The organising committee of 17WCEE had efficiently put together a very promising conference in spite of the ongoing pandemic. The conference brought together great minds and researchers from various parts of the world. The keynote lectures were interesting and enlightening and at the same time very informative too. The parallel sessions, comprising of high quality papers selected for oral presentation, SOP, and poster presentation were educative and interactive. The daily events of the conference, parallel technical sessions and exhibitions, were organised very well by the committee. I sincerely thank the organising committee for giving me an opportunity to present my work. I am very much grateful to "ISSMGE Foundation" for providing me with the support and grant to attend such a memorable and grand conference.

Please attach short report (maximum 400 words) suitable for publication in the ISSMGE Bulletin:

17th World Conference on Earthquake Engineering (17WCEE), 2020-21 September 27 to October 2, 2021

The World Conference on Earthquake Engineering is a well-renowned world conference in the field of geotechnical, earthquake and structural engineering. It is organized once in four years.

The 17th World Conference on Earthquake Engineering 2020-21, was held in hybrid mode, both an in-person conference and a virtual (on-line) conference due to COVID-19 pandemic. The online access is further extended for one-month post conference period. The Conference was originally planned to be held from September 13 to 18, 2020, but due to the COVID-19 problem, the 17WCEE Organizing Committee, decided to postpone the 17WCEE by one year, to be held from September 27 to October 2, 2021, the 10th



anniversary year of the 2011 Great East-Japan Earthquake and Tsunami Disaster in the same venue, in Sendai City, Miyagi Prefecture, Japan. The conference consisted of various programs which included the keynote lectures, invited lectures, oral and poster presentations, short presentations (SOP), technical parallel sessions, and exhibition.

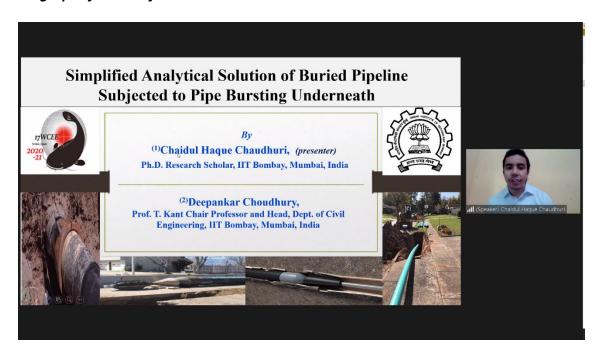
The conference covered several topics from engineering such as Engineering Seismology, Seismic Performance of Structures, Assessment and Retrofitting of Structures, Geotechnical Earthquake Engineering, Tsunami disaster, Preparedness and Emergency Management, Social and Economic Aspects, Seismic Loss and Risk Management, Innovative Technology, Lessons Learnt from Earthquakes, and others.

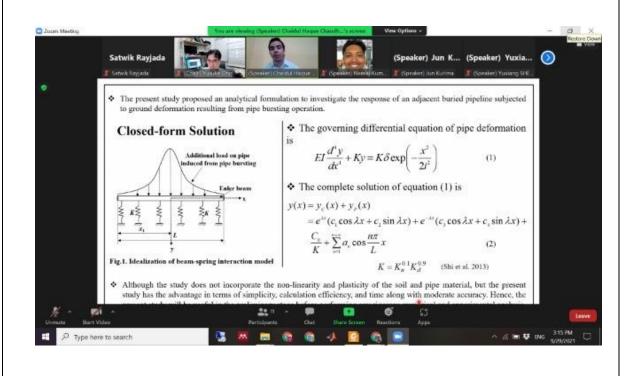
As the conference was in hybrid mode so maximum presentation is available in the website with the audio of the speakers. Hence it was very flexible to attend any such presentation at any time and also there was a provision for making any comments on the presentation in the comment box. The access to online mode is extended for one-month post conference. It was a great honour for me to present my research work at this prestigious world conference. The organizing committee was also very professional and didn't cause any inconvenience to the delegates during the 17WCEE.

In overall, the 17WCEE conference provided me a valuable opportunity to learn about the research being carried out in different universities and also to understand the different aspects of latest technologies of geotechnical, earthquake and structural engineering. This will help me in improving my area of research. I am beholden to ISSMGE Foundation for providing me with financial support for participating in this prestigious conference through virtual (on-line) mode.

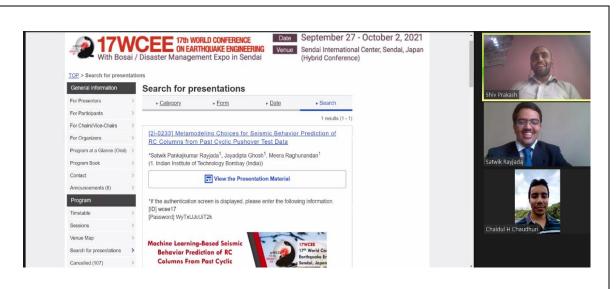


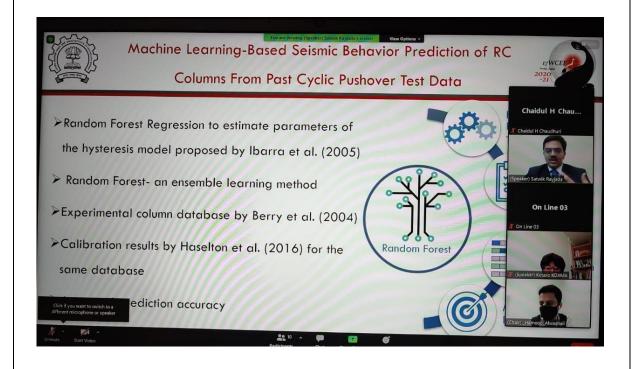
Photographs from Conference: Insert here or attach to email



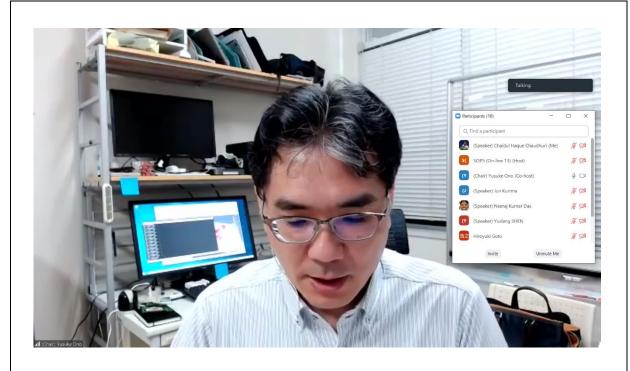




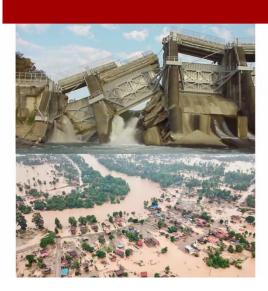








Introduction



Why is dam failure import

➤ Dam provides water supply and a community

➤ Dam failure have the potential o entire cities





