



# Chinese Taipei Geotechnical Society Webinar

## INTRODUCTION:

In order to promote some geotechnical technologies and researches developed, a series of lectures will be delivered between January to March 2021 through webinar, organized by Chinese Taipei Geotechnical Society (CTGS).

## CONTENT OF WEBINAR:

Topic of Session	Date	Time <sup>1</sup>	Session Leader <sup>2</sup>	Note
On the Spatial Landslide Hazard with the Consideration of Climate Change	26 <sup>th</sup> of January 2021 (Tuesday)	0730pm to 0830pm	Professor K. J. Shou, National Chung- Hsin University, Taiwan	
Soil dynamics and earthquake engineering	25 <sup>th</sup> of February 2021 (Thursday)	0730pm to 0830pm	Professor Louis Ge, National Taiwan University, Taiwan	
Deep excavation (I)	4 <sup>th</sup> of March 2021 (Thursday)	0730pm to 0830pm	Professor Benson Hsiung, National Kaohsiung University of Science and Technology, Taiwan	Jointly organized with ISSMGE ATC6 "Urban GeoEngineering"
Deep excavation (II)	11 <sup>th</sup> of March 2021 (Thursday)	0730pm to 0830pm	Professor Benson Hsiung, National Kaohsiung University of Science and Technology, Taiwan	Jointly organized with ISSMGE ATC6 "Urban GeoEngineering"
Soil reinforcement and ground improvement	15 <sup>th</sup> of March 2021 (Monday)	0730pm to 0830pm	Professor K. H. Yang, National Taiwan University, Taiwan	
Geophysics	15 <sup>th</sup> of March 2021 (Monday)	0830pm to 0930pm	Professor C. P. Kuo, Minghsin University of Science and Technology, Taiwan	
Pile foundation	23 <sup>rd</sup> of March 2021 (Tuesday)	0730pm to 0830pm	Professor D. W. Chang, Tamkang University, Taiwan	
Tunneling	25 <sup>th</sup> of March 2021 (Thursday)	0730pm to 0830pm	Professor T. T. Wang, National Taiwan University, Taiwan	

### NOTE!

1. It is Taipei time zone which is GMT + 8
2. Details of presentation topics and presenters will be announced at least a week before the lecture. Please refer to details announced in CTGS website which is [www.tgs.org.tw](http://www.tgs.org.tw), under the title of "International Message"

### REGISTRATION AND ACCESS OF WEBINAR

Please refer to details in "International Message" of CTGS website ([www.tgs.org.tw](http://www.tgs.org.tw)).

### INQUIRY OF WEBINAR

For any inquiry of the webinar, please contact [tgstw999@gmail.com](mailto:tgstw999@gmail.com)



# Chinese Taipei (Taiwan) Geotechnical Society (CTGS) Webinar Lecture 2 - Soil dynamics and earthquake engineering

- **Date/Time:** 25<sup>th</sup> of February (Thursday), starting from 0730pm, Taipei time (GMT+8)
- **Session Leader/Chair:** Professor Louis Ge, National Taiwan University, Taiwan

Time	Topic of the presentation	Presenter
0730-0735 pm	Opening remarks	Professor Louis Ge, National Taiwan University, Taiwan
0735-0750 pm	Site Response Analysis - From Horizontal Motion to Vertical Motion	Professor Chi-Chin Tsai, National Chung Hsin University, Taiwan
0750-0805 pm	A Plasticity Model for Liquefaction Simulation Considering Binary Packing Theory	Dr. Fu-Hsuan Yeh, National Taiwan University, Taiwan
0805-0820 pm	Use of PDC for Liquefaction Potential Evaluations in Taiwan	Professor Louis Ge, National Taiwan University, Taiwan
0820-0840 pm	Q and A	Professor Louis Ge, National Taiwan University, Taiwan

Registration Link:  
<https://forms.gle/24PF1Xh5iiffniXUA>

Registration for the first session starts from today and end on February 23, 2021.