



**THE 2ND INTERNATIONAL CONFERENCE ON
GEOMECHANICS AND
GEO-ENVIRONMENTAL ENGINEERING
(ICGMGE-2022)**



Western Sydney University | Sydney Australia | 27 - 30 November 2022



www.icgmge.net.au



CONFERENCE INFORMATION

The International Conference on Geomechanics and Geoenvironmental Engineering (ICGMGE-2022) will be held on 27-30th November 2022, Sydney, Australia. It is jointly organised by the School of Engineering, Design and Built Environment at Western Sydney University, Sydney, Australia and Global Circle for Scientific, Technological and Management Research (GCSTMR) as part of its 6th World Congress.

The ICGMGE-2022 conference will feature keynote addresses by world leaders in Geomechanics and Geoenvironmental Engineering. All the abstracts and full papers submitted to ICGMGE-2022 will be refereed by two independent reviewers and the accepted papers will be published in the conference proceedings with Australian ISBN Number.

Selected papers from the ICGMGE-2022 conference (<http://www.icgmge.net.au/>) and peer-reviewed to the standards of MPDI, would be accepted for publication in the Special Issue "Advances in Geotechnologies in Infrastructure Engineering" of Applied Sciences at a discounted rate of 20%. Applied Sciences has an impact factor of 2.838 (2021).

CONFERENCE THEMES

- Soil and rock testing and investigation
- Shallow and deep foundations
- Tunnels and underground works
- Earthen constructions
- Constitutive and multi-physics modelling of soil and rock
- Geosynthetics and ground improvements
- Geoenvironmental engineering
- Buried infrastructures
- Numerical methods and back analysis
- Landslides and slope stability
- Retaining structures
- Soildynamics and earthquake engineering
- Offshore geotechnics
- Rock mechanics

KEY DATES

- 10 Mar 2022:** Abstract submission opens
31 Oct 2022: Abstract submission closes
5 Nov 2022: Abstract review outcome emailed to authors
15 Nov 2022: Full paper submission closes
1 Jun 2022: Registration to conference opens
30 Sep 2022: Early bird registration closes
27–30 Nov 2022: Conference days

VENUE

Western Sydney University
 Parramatta South Campus, Sydney, Australia

FURTHER INFORMATION

Dr Pan Hu (conference secretary)
 Email: p.hu@westernsydney.edu.au
 Phone: (+61)247360949
 Website: www.icgmge.net.au



Organising committee

- Prof. Chin Leo (Co-Chair)**, Western Sydney University, Australia
Prof. Henry Wong (Co-Chair), ENTPE, France
Prof. Lingzhi Xie (Co-Chair), Sichuan University, China
Prof. Abbas El-zein, University of Sydney, Australia
Prof. Antonin Fabbri, ENTPE, France
Prof. Cholachat Rujikiatkamjorn, University of Technology Sydney, Australia

Technical committee

- Prof. Samantha Liyanapathirana (Co-Chair)**, Western Sydney University, Australia
A/Prof. Giang Nguyen (Co-Chair), The University of Adelaide, Australia
Dr Pan Hu (Secretary), Western Sydney University, Australia
Dr Ahmed Al-Qarawi, Higher Colleges of Technology, United Arab Emirates
Dr Denis Branque, ENTPE, France
Dr Nathalie Dufour, Cerema, France
A/Prof. Behzad Fatahi, University of Technology Sydney, Australia
Dr Ali Haghighi, Avangrid Renewables, USA
A/Prof. Xiaoqin Lei, Chinese Academy of Sciences, China
A/Prof. Deying Li, China University of Geosciences, China
Dr Mathilde Morvan, Université Clermont Auvergne, France
Dr Benoit Pardoën, ENTPE, France
Prof. Wenbing Wu, China University of Geosciences, China
Prof. Zhong Xiao, Tianjin University, China
Dr Longfei Xu, Chang'an University, China
Dr Yao Zhang, Sichuan University, China

Advisory committee

- Prof. David Airey**, University of Sydney, Australia
Prof. Britta Bienen, University of Western Australia, Australia
Prof. Mark Cassidy, University of Melbourne, Australia
Prof. Andrew Chan, University of Tasmania, Australia
Prof. Yung Ming Cheng, Hong Kong Polytechnic University, China
Prof. Yujun Cui, Université Paris-Est, France
Prof. Hervé DiBenedetto, ENTPE, France
Prof. Ranjith Pathegama Gamage, Monash University, Australia
Dr Jeff Hsi, EIC Activities, Australia
Prof. Yuxia Hu, University of Western Australia, Australia
Prof. Jinsong Huang, University of Newcastle, Australia
Prof. Hadi Khabbaz, University of Technology Sydney, Australia
Prof. Christian Krabbenhoft, University of Liverpool, UK
Prof. Jean-Michel Pereira, Ecole des Ponts ParisTech, France
Prof. Harry Poulos, University of Sydney/Coffey Geotechnics, Australia
Prof. John Small, University of Sydney/Coffey Geotechnics, Australia
Prof. Yinghui Tian, University of Melbourne, Australia
Prof. Kuihua Wang, Zhejiang University, China
Prof. Weimin Ye, Tongji University, China
Prof. Kunlong Yin, China University of Geosciences, China
Dr Baiqing Zhang, Central-south engineering consultancy & design Ltd, China

Plenary Speakers

- Prof. David Airey**, University of Sydney, Australia
Prof. Nasser Khalili, University of New South Wales, Australia

Keynote Speakers

- Prof. Yung Ming Cheng**, Hongkong Polytechnic University, China
Dr Suzanne van Eekelen, Deltares, Netherlands
Prof. Antonin Fabbri, ENTPE, France
Prof. Yuxia Hu, University of Western Australia, Australia
Dr Richard Kelly, Chief Technical Principal, SMEC, Australia
Prof. Yinghui Tian, University of Melbourne, Australia

REGISTRATION FEES

- Full Delegate:** AU \$795; **Student:** AU \$450
Day rate for one day: AU \$400
Online registration via ZOOM: AU \$250
Conference dinner: AU \$100
One registration allows two papers
AU \$200 (for each of additional papers)