Message from member societies

Cooperation between Polish and Kazakhstan Geotechnical Societies

Members of the Polish Geotechnical Society, representing the Faculty of Building Services, Hydro and Environmental Engineering of Warsaw University of Technology (WUT), visited Kazakhstan colleagues, geotechnical engineers from Nur-Sultan and Almaty in Kazakhstan from 22nd to 29th November 2021. The Polish delegation was represented by the Dean of Faculty of Building Services, Hydro and Environmental Engineering of WUT, Prof. Pawel Popielski and the President of the Faculty Council of Doctoral Students, MSc Eng Bartosz Bednarz. The group was accompanied by Dr Agnieszka Dąbska, who is currently doing a 3-month internship at the L.N. Gumilyov Eurasian National University (ENU) in Nur-Sultan.

The first point of visit was the ENU, where the Polish delegates took part in the meeting on 23rd Nov 2021 (Fig. 1). The ENU was represented by the Member of the Management Board-Vice-Rector for Academic Affairs, Yerkin Ongarbayev, the Member of the Board-Vice-Rector for Science, Commercialization and Internationalization, Gulnara Merzadinova, the Dean of the Faculty of Architecture and Construction, Temirkhan Tolkynbaev, the Head of the Department of Design of Buildings and Structures, Zhanbolat Shakhmov, the President of Kazakhstan Geotechnical Society, Prof. Askar Zhussupbekov.

Fig. 1. The participants of the meeting at the ENU
A ceremony of signing a Memorandum of understanding between WUT and ENU took place during the meeting. The importance of signing the memorandum was underlined by the presence of the Ambassador Extraordinary and Plenipotentiary of the Republic of Poland to the Republic of Kazakhstan, Mr Selim Chazbijewicz (Fig. 2). The monographs on the 100th anniversary of the Faculty of Building Services, Hydro and Environmental Engineering of WUT were handed over to the university authorities and Ambassador Extraordinary and Plenipotentiary of the Republic of Poland to the Republic of Kazakhstan.

Following the ceremony of signing a Memorandum of understanding, the Kazakh-Polish Geotechnical Seminar on TC 305 (ISSMGE) "Geotechnical Infrastructure for Megacities and New Capitals", organized by Kazakhstan Geotechnical Society, the Faculty of Architecture and Civil Engineering and the ENU Geotechnical Institute, was held (Fig. 3). There were three lectures given by Polish geotechnical engineers and five by Kazakh geotechnical engineers. They discussed the following topics on the seminar: issues of assessment and design of hydraulic structures and deep foundations based on interdisciplinary research and numerical modelling, filtration strength of sands, monitoring of the large-diameter sewers structure using, zoning of the construction area in the Republic of Kazakhstan by the method of introducing geoinformation databases, operational tests, optical deformation cable within the framework of geomonitoring of the basement slab of the Abu Dhabi Plaza project in the city of Nur-Sultan (Kazakhstan).
On 24th Nov 2021, the Polish geotechnical engineers took part in the technical tour in the Nur-Sultan. They visited a zone of the post-exhibition heritage of EXPO 2017 and NUR ALEM Future Energy Museum (Fig. 4). Kazakh hosts also invited them to the office of the KGS-Astana Limited Liability Partnership (LLP) and the KGS-Astana construction side on Multifunctional Complex “Diamond” on the territory of EXPO-2017 (Fig. 5), where they had an opportunity to show the piles driving activity.

The Polish geotechnical engineers participated in the second part of the International Geotechnical Seminar on TC 305 (ISSMGE) “Geotechnical Infrastructure for Megacities and New Capitals”, organized by Kazakhstan Highway Research Institute (KazDorNII) in Almaty on 25th Nov 2021. The Kazakh geoengineers were represented by the Corresponding Member of the National Academy of Sciences of the Republic of Kazakhstan, Doctor of Technical Sciences, Professor Bagdat Teltayev, Vice-President of KazDorNII, PhD Eng Yerbol Aitbayev and other representatives of KazDorNII. The co-moderator of the Seminar was the President of the Kazakhstan Geotechnical Society, Chair of TC305 (ISSMGE), Director of the Geotechnical Institute of the ENU, Doctor of Technical Sciences, Prof. Askar Zhussupbekov. The participants discussed the issues of assessment, design and monitoring of hydraulic structures, deep foundations, highways, and large-diameter sewer collectors based on interdisciplinary research and numerical modelling under conditions of the loss of soil resistance due to seepage risk during the Seminar. As part of the meeting, a technical tour of the testing laboratories of KazdorNII was organized for the seminar participants. The guests got acquainted with the material and technical base of the institute.
The seminar participants visited the Medeu Mudflow Control Dam near the ski resort Chimbulak in the upper part of the Medeu Valley in the Zailiisky Alatau mountain range in the framework of a technical tour organized by KazDorNII (Fig. 6). The Medeu Mudflow Control Dam was designed to protect Almaty from devastating mud and debris flows. The 110-meter high dam was created with the help of directional explosions in 1966-1967 by a series of explosions for the first time in world practice.

On 26th Nov 2021, the group of delegates were hosted by the Kazakh Leading Academy of Architecture and Civil Engineering (KazGASA) represented by the Rector of KazGASA, Professor Margarita Imandosova and the Dean of the Faculty of General Construction, Professor Raikhan Imambayeva. They discussed with the Dean of Faculty of Building Services, Hydro and Environmental Engineering of WUT, Professor Pawel Popielski, the opportunities of cooperation during the meeting (Fig. 7), and Polish delegates visited the technical laboratories of KazGASA, equipped with many unique stands and models (Fig. 8). The scientific group of the WUT found a common ground of scientific interests in hydro and geotechnical engineering issues with KazGASA staff. The scientific schools agreed to work on the Memorandum of cooperation.

Fig. 7. Participants of the meeting at the KazGASA

Fig. 8. Visit at the geotechnical engineering laboratory of KazGASA
The delegates took part in the technical tour to Charyn Canyon on the Sharyn River in the Sharyn National Park of Kazakhstan on 27th November 2021 (Fig. 9). They could admire the geological peculiar relief forms of sedimentary red sandstone formed under the influence of water and wind erosion.

Fig. 9. The technical tour to Charyn Canyon (Kazakhstan)

PhD Eng Agnieszka Dabska,
Member of ISSMGE and Polish Geotechnical Society
Mind the Gap: Research and Practice

We have many talented engineers in our geotechnical field, in both academia and practice. Without research by academia, we do not have many advancements and improvement in design and construction practices. However, academia is sometimes too ‘academic’ for industry, or does not fully understand what industry needs or wants. At other times, industry is too used to usual practice and reluctant to try products from recent research. Closing the gap between research and practice is always a great topic of discussion in the geotechnical field.

As a member of industry, I completely understand that it is not easy to apply new technology. For example, there is a lot of research about application of machine learning in geotechnical engineering but it is not commonly used in industry at the moment. One of the possible reasons, is that the new technology is completely new to geotechnical engineers. As engineers, we often don’t have the time to understand the new theories and algorithms to see how they apply in our work. In addition, there might not be enough evidence or data to support the new technology, so clients or authorities may be reluctant to apply the new technology. If there is no significant and immediate benefit, industry will tend to stick with usual practice.

Researchers, at times, do not focus on meeting practitioners’ needs during research. This is understandable, as they may have their own research goals, and they have to publish their research in journals which are often not practically orientated. On the other hand, researchers may not have full control of the research topic. Researches may have to compete for funding and they have to propose topics that interest funding agencies.

It is not easy to bring research and practice together. It would be great if we could apply recent research from academia in industry. Do you have any ideas how to bridge the gap or examples of how this is being achieved? Click here to give your opinions or suggestions on how to reduce the gap between research and practice.

About the author: Ceres Chung is an enthusiastic and professional geotechnical engineer with over twelve years experience since graduation. She has been involved in a variety of geotechnical design works, including site formation, foundation, and deep excavation in different countries/ cities, including Hong Kong, Mainland China, Ireland and Sweden.
On 26 November 2021, the International Young Professionals Workshop on Rail-Road Infrastructure Workshop (IYPWRI) was organized in hybrid (face-to-face and online) by the Transport Research Centre, University of Technology Sydney (https://www.uts.edu.au/research/transport-research-centre) under the Directorship of Distinguished Prof Buddhima Indraratna. The event was supported by the Australian Research Council (ARC) funded Industrial Transformation Training Centre for Advanced Technologies in Rail Track Infrastructure (ITTC-Rail), the Australian Geomechanics Society, the technical committee TC202: Transportation Geotechnics of ISSMGE and SMEC.

The workshop showcased the recent advances in the field of Transport Infrastructure with special reference to ground engineering and the utilization of novel construction materials. Research students and young professionals presented a range of emerging themes focused on the advancement of rail geotechnology and pavement engineering, including topics covering soil-structure interaction, embankment and substructure design, track construction materials, ground improvement and moving load dynamics.

A total of 33 presenters and one hundred sixty participants attended the Workshop; sixty participants joined face-to-face. The online participants were from 15 countries including Portugal, China, the UK, Australia, Thailand, Brazil, the USA, India, Sri Lanka, Canada, Japan, Malaysia, Pakistan, Taiwan and Bangladesh.

Distinguished Prof Buddhima Indraratna, Director, UTS Transport Research Centre gave speech to warm welcome all the attendees on the opening ceremony. The Invited Speakers included Lucy Wu - Chair, Young Member Presidential Group, ISSMGE, Reas Beeston, SMEC (2020 IEAUST Young Professional Engineer of the Year) and Dr Rakesh Malisetty, UTS-TRC (Winner, 2021 AGS-NSW Research Award).

Opening Address was given by Distinguished Prof Buddhima Indraratna, Director, Transport Research Centre, University of Technology Sydney

Three Bright Spark awards were given to exemplify mature research or practice for young engineers. Dr Thanh Nguyen (University of Technology Sydney), Dr Fernanda Ferreira (University of Porto) and Dr Manuel Neves (Golder Associates) were awarded and delivered their Bright Spark Lecture at the Workshop.
TC corner

International Young Professionals Workshop on Rail-Road Infrastructure Workshop (IYPWRI)

Lucy Wu, Chair, Young Member Presidential Group, ISSMGE provided her Welcome Address on “Welcome Address: Succeeding in a connected world”.

Online Bright Spark Lecture was given by Dr Fernanda Ferreira (University of Porto).

Dr Thanh Nguyen (UTS), a Bright Spark Awardee, delivered his insightful presentation on “Role of drainage in the stability of railway foundation: Site, Laboratory and Analytical Analyses”.

A Bright Spark Lecture on “Geotechnical challenges of improvements to existing railway assets” was delivered by Dr Manuel Neves (Golder Associates).
The Workshop organisers expressed their gratitude to all presenters and attendees for their support and active participation. Finally, the vote of thanks was given to organisers by Ms Lakshmi Nair.

Prepared by:
IYPWRI Organising committee
Conference reports

XXXI Italian National Conference on Geosynthetics Engineering, Bari, Italy

The XXXI Italian National Conference on Geosynthetics Engineering was held on 7 October 2021 in Bari alongside the large construction fair SAIE 2021. The event held for the first time in Bari gave excellent results both in terms of the number of registered participants and the quality of the presented papers. Moreover, the context of the SAIE Exhibition (the international reference point for the world of construction in Italy) enhanced the importance and impact of geotechnical and geosynthetic engineering presentations. This year the theme of the Conference was “Sustainability, Environmental aspects and Climate changes”.

The conference was organised by the Italian Geotechnical Society (AGI) and the Italian Chapter of the International Geosynthetics Society (AGI-IGS), in partnership with SAIE 2021 and SENAF.

The opening session

Nicola Moraci (President of AGI), Daniele Cazzuffi (President of AGI-IGS) and Leonardo Damiani (Chair of the Civil, Environmental, Land, Building Engineering and Chemistry Department - Polytechnic of Bari) opened the conference that was divided - as usual - into two different sessions.

The morning session coordinated by Daniele Cazzuffi was focused on 'Sustainability and environmental aspects'. The first two contributions concerned the sustainable use of geosynthetics in landfills. The first one was the keynote lecture of Stefania Bilardi and Nicola Moraci on “The use of geosynthetics in the sustainable design of controlled landfill”. Daniele Cazzuffi and Piergiorgio Recalcati presented the second lecture on the “Increase of the available volume in landfills using reinforced embankments”. Two contributions dealt with the role of geotechnical engineering and geosynthetics in the management of contaminated sediments: Claudia Vitone on the theme “From characterization to sustainable reuse of contaminated sediments: the role of geotechnical engineering in the mar Piccolo of Taranto” and Alberto Simini on the “Capping of contaminated sediments with active geocomposites”. Finally, the lecture of Domenico Gaudio on “Seismic design of geosynthetic-reinforced earth retaining walls following a performance-based approach” closed the morning session of the conference.

Nicola Moraci coordinated the afternoon session with four lectures focused on ‘Sustainability and Climate changes’. The first two lectures dealt with the rules governing the environmental impacts of geosynthetics with the lecture of Alessandro Manzardo on “Made Green Italy to support environmental superiority of geotextiles and related products” and the lecture of Francesco Fontana on the “Environmental impact of geosynthetics: International researches and activity”. The last two presentations focused on specific applications of geosynthetics; the first one concerned “Geotextiles and their sustainable applications in alpine environment” of the authors A. Senese, B. De Felice, R. Ambrosini e G. Dolaiaui; the second one was the lecture of Pietro Rimoldi on the “Design of the bank protection against erosion of watercourses as a function of climate change”.

The opening session
At the end of each session, a fruitful and interesting discussion on the different topics took place.

Proceedings were edited by Daniele Cazzuffi, Nicola Moraci, and Claudio Soccodato. The volume (more than 100 pages) is in Italian with English abstracts and it is available at a cost by contacting Pàtron Editore at advertising@patroneditore.com.

The next XXXII Italian National Conference on Geosynthetics will be held on 20 October 2022 in Bologna alongside the large construction fair SAIE 2022 and also in view of the 12 ICG, the 12th International Conference on Geosynthetics that will be held in Roma from 17 to 21 September 2023 under the organization of the Italian Geotechnical Society (AGI) and the Italian Chapter of the International Geosynthetics Society (AGI-IGS) : www.12icg-roma.org

Daniele Cazzuffi
AGI-IGS President
At the end of October, the International Scientific and Technical Conference on Geotechnics was held on the walls of the St. Petersburg State University of Architecture and Civil Engineering: “Modern theoretical and practical issues of geotechnics, methods of science and technology” (GFAC 2021). The international forum was held in a mixed format (online and offline) under the auspices of the Russian Academy of Architecture and Construction Sciences (RAACS), the Russian Society for Soil Mechanics, Geotechnics and Foundation Engineering (RSSMGFE), Kazakhstan Geotechnical Society and St. Petersburg State University of Architecture and Civil Engineering (SPBGASU) in the hall of the Academic Council of SPBGASU.

The opening ceremony of the conference began with a welcome speech by Corresponding Member of RAACS, Dr., Professor R.A. Mangushev; Rector of SPBGASU Professor Ye.I. Rybnov; President of RSSMGFE, First Vice-President of RAACS, Academician of RAACS Professor V.A. Ilyichev; Deputy Chairman of the Committee on Foreign Relations of St. Petersburg, Dr. A.D. Khlutkov; President of the Kazakhstan Geotechnical Society, Honorary Doctor of SPBGASU Professor A.Zh. Zhussupbekov; Chairman of ATC-19 (ISSMGE), Professor Yoshinori Iwasaki (Japan) and Past President of Belarussian Geotechnical Society, Prof. D.Yu. Sobolevsky.
Soon there was an official ceremony of awarding the title of "Honorary Doctor of SPBGASU" to Professor Eun Chul Shin, Incheon National University (Incheon, South Korea). In honor of this event, Professor E.C. Shin published a book entitled «Theory and Practice of Geosynthetics and Geotechnical Engineering», which he presented to visiting professors, students and the library of SPBGASU.

The conference was attended by more than 200 participants (by offline) and more than 200 listeners and speakers (by online). During the three conference days about 150 reports were listened from 12 countries (Russia, Belarus, Kazakhstan, Uzbekistan, South Korea, Hong Kong, Japan, Germany, USA, Denmark, Vietnam, Mongolia).

Invited participants delivered lectures:

- **Prof. Eun Chul Shin**, Incheon National University, Incheon, South Korea: “Safety Evaluation of Underground Structures and Its Applied Value”;
- **Prof. Yoshinori Iwasaki**, Geo-Research Institute, Osaka, Japan: “Active Conservation of the Bayon Temple Main Tower in Angkor, Cambodia”;
- **Prof. Anthony Leung**, The Hong Kong University of Science and Technology, Hong Kong, China: “The Use of an Energy Pile for the Stabilization of Unsaturated Ground Slopes: Centrifuge Modelling”;
- **Prof. Dr.Ing. Dietmar Mähner**, FH Münster, Münster, Germany: “Application of the Tunnel-in-Tunnel Method on Electrified Tracks of the German Railway”;
- **Prof. Amin Barari**, Aalborg University, Aalborg, Denmark: “Class C Predictions for Horizontally Loaded Caisson Foundations”;
- **Prof. Rashid Mangushev**, Head of the Department of Geotechnics of SPbGASU, St. Petersburg, Russia: “Scientific and Applied Research Findings of the SPbGASU Department of Geotechnics from 2001 to 2021”;
- **Prof. Igor Sakharov**, SPbGASU, St. Petersburg, Russia: “Prospects for the Operation of Buildings and Structures in the Arctic in View of the Global Warming”;
- **Prof. Andrey Ponomarev**, The Higher School of Hydraulic and Power Engineering Construction of SPbPU, Russia: “Pile Foundations in Russia. Current State and Future Research Trends”;
- **Ph.D. Igor Kolybin**, NIOSP named after N.M. Gersevanov, Moscow, Russia: “Current Trends in Improving Regulations in the Field of Geotechnics.”;
- **Prof. Armen Ter-Martirosyan**, Moscow State University of Civil Engineering, Moscow, Russia: “MGSU Experience in Scientific and Technical Supervision of Unique and Technically Complex Buildings and Structures”;
- **Ph.D. Aleksey Shashkin**, Emperor Alexander I St.Petersburg State Transport University, St. Petersburg, Russia: “The Forts of the Kronstadt Fortress as Masterpieces of Geotechnics and Engineering Art of the 19th century”;
- **Prof. F.A. Ikramov**, Samarkand State Architectural and Civil Engineering Institute, Samarkand, Uzbekistan: “The Influence of the Coefficient of Critical Porosity on the Stability of Structures”;
- **Dr. Ph. A.S. Sarsembayeva**, L.N. Gumilyov ENU, Postdoctoral Fellow of the Geotechnical Institute, Kazakhstan: “Preliminary Assessment of the Bearing Capacity of Soils Using a Geotechnical Database”;
- **Prof. A.Zh. Zhussupbekov**, L.N. Gumilyov ENU, Kazakhstan: “Comparative Analysis of the Static and Dynamic Pile Testing in Complex Soils of Kazakhstan”.

**Conference reports**

**International Geotechnical Forum, Saint Peterburg, Russia (Con't)**
Professor A.Zh. Zhussupbekov invited all participants of the conference to participate in the upcoming 17th Asian Regional Conference ISSMGE - 17ARC, which will be held in Nur-Sultan, August 14-18, 2023.

This event at SPBGASU coincided with the 70th anniversary of the birthday of outstanding scientist, corresponding member of RAASN, Professor Rashid Mangushev. In this connection in the hall of the library of SPBGASU simultaneously held an exhibition of his scientific works, textbooks, monographs, reference books and textbooks and teaching staff, of the Department of Geotechnics, public contribution to the development of which contributed by Head of Department of Geotechnics Professor R.A. Mangushev.

![Fig. 3. The exhibition of geotechnical books of Prof. Rashid Mangushev](image)

As part of the conference, a technical tour of Kronstadt to the St. Petersburg Defense Complex and on construction objects, leading in scientific consultation of the Department of Geotechnics of SPBGASU were organized.

![Fig. 4. The technical tour in construction site of Saint Petersburg](image)
The 17th World Conference on Earthquake Engineering (17WCEE) 2021 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.

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.

Simplified Analytical Solution of Buried Pipeline Subjected to Pipe Bursting Underneath

By

(1) Chaidul Haque Chaudhuri, (presenter)
Ph.D. Research Scholar, IIT Bombay, Mumbai, India

(2) Deepankar Chaudhury,
Prof. T. Kant Chair Professor and Head, Dept. of Civil Engineering, IIT Bombay, Mumbai, India

During my presentation

Chaidul Haque Chaudhuri
Indian Institute of Technology Bombay
The 6th International Conference on Geotechnical and Geophysical Site Characterisation was held in Budapest, Hungary, from 26th to 29th September 2021 in hybrid (physical and virtual) mode. I attended the workshop in online mode. I had submitted my work on the field investigation of instrumented minipiles to this conference. The main theme of this conference was site characterisation using both traditional and advanced techniques. The conference was divided into 16 breakout sessions among which ‘piles’ was the session designated for my presentation based on my paper. Other interesting sessions were liquefaction, soil parameters from testing, numerical modelling, sampling, quality control and others. Besides the sessions for the presentations, there were interesting talks by renowned experts such as Catherine Jacquard, Jason DeJong, D. M. Berisavljevic, Richard Jardine, Don J. DeGroot, Sebastiano Foti, Jean-Sebastien L’Heureux and others.

My pre-recorded video was played on 29th September. Other interesting talks in that session were on Pressuremeter based methods to predict the behaviour of micropiles and grouted anchors by Habert et al., Assessment of stiffness degradation of soil by in-situ cyclic loading using pressuremeter by Kamura et al., Normalised py analysis method for laterally loaded piles in sand based on CPT results by Kim et al. among others. Although I could not directly interact with any of the speakers due to the online mode, I was able to listen to other speakers working in a similar research domain.

I also attended the workshop on Flat Dilatometer testing (DMT). This course focused on working principles, test procedure and interpretation of the field test data from a DMT test. The speakers shared their experience on projects they have worked on, how they have performed DMT tests and what was their key takeaway. Although I could not join the session on hands-on learning demonstration, I learned essential bits from the online presentations.

In conclusion, attending the conference was an enriching experience for me. I was able to present my research and learn about similar interests from researchers all over the world. Some of the keynote lectures by the renowned invited speakers were very insightful for an early career researcher like me. I want to express my heartfelt gratitude to the organising committee of the ISC’6 conference for giving me the opportunity to attend the conference. I am also grateful to the ISSMGE Foundation for supporting me financially to attend this conference.
ISSMGE EVENTS

Please refer to the specific conference website for full details and latest information.

2021

3rd International Conference on Geotechnical Engineering
Location: Cinnamon Grand, Colombo, Sri Lanka
Dates: 06-12-2021 - 07-12-2021
Language: English
Organiser: Sri Lankan Geotechnical Society
Contact person: Dr. JSM Fowze
Email: slgssecretariat@gmail.com

2022

The 60th Rankine Lecture: The Unusual and the Unexpected in Geotechnical Engineering: Observation - Analogy - Experiment
Location: Imperial College London, United Kingdom
Date: 16-03-2022
Language: English
Organiser: British Geotechnical Association
Contact person: Shelagh Fleming,
Email: Shelagh.Fleming@ice.org.uk; bga@ice.org.uk
Website: [https://www.britishgeotech.org](https://www.britishgeotech.org)

6th International Symposium on Tunnels and Shafts in Soils and Rocks
Location: Mexico City, Mexico
Dates: 29-03-2022 - 07-04-2022
Languages: English / Spanish
Organiser: Mexican Society of Geotechnical Engineering (SMIG)
Contact Information: Miss. Brenda Aguilar
Email: administracion@smig.org.mx
Website: [http://www.smig.org.mx](http://www.smig.org.mx)

2nd International Conference on Energy Geotechnics
Location: Robert Paine Scripps Forum for Science, Society and the Environment. La Jolla, CA, USA.
Date: 10-04-2022 - 13-04-2022
Language: English
Organiser: John McCartney (UC San Diego, USA) and Ingrid Tomac (UC San Diego, USA),
Contact Information: ICEGT-2020 Secretariat,
Address: 9500 Gilman Dr., La Jolla CA,
Phone: +1-858-822-5212,
Fax: +1-858-822-2260,
Email: secretariat@icegt-2020.com,
Website: [https://icegt-2020.eng.ucsd.edu/home](https://icegt-2020.eng.ucsd.edu/home)
7th International Young Geotechnical Engineers Conference
Location: International Convention Centre, Sydney, Australia
Language: English
Organiser: Australian Geomechanics Society
Contact person: ICMS Australasia
Address: Level 9, 234 George Street, Sydney NSW, 2000
Phone: (+61 2) 9254 5000
Email: info@icsmge2021.com
Website: http://icsmge2021.org/7iygec/

20th International Conference on Soil Mechanics and Geotechnical Engineering
Location: International Convention Centre Sydney, Australia
Date: 01-05-2022 - 05-05-2022
Language: English
Organiser: The Australian Geomechanics Society;
Contact person: ICMS Australasia;
Address: Level 9, 234 George Street Sydney NSW 200;
Email: emmab@icmsaust.com.au;
Website: http://www.icsmge2021.org/

3rd International Conference on Geotechnical Engineering - Iraq 2022
Location: University of Baghdad, Iraq
Language: English
Organiser: Iraqi Scientific Society for Soil Mechanics and Foundation Engineering
Contact person: Mahdi O Karkush
Address: University of Baghdad, Aljadriah
Phone: 009647801058893
Email: mahdi_karkush@coeng.uobaghdad.edu.iq
Website: https://ocs.uobaghdad.edu.iq/index.php/ICGEI/ticgei

5th International Symposium on Cone Penetration Testing (CPT’22)
Location: Centro Congressi CNR, Bologna, Italy
Language: English
Organiser: Italian Geotechnical Society (AGI) and University of Bologna (endorsed by TC102)
Contact person: Susanna Antonielli (AGI), Prof. Guido Gottardi (University of Bologna)
Email: guidogottardiz@unibo.it; agi@associazionegeotecnica.it
Geohazards 8
Location: Musée de la Civilisation, Quebec, Canada
Languages: English and French
Organiser: Canadian Geotechnical Society Eastern Quebec Section
Contact person: Ariane Locat
Email: ariane.locat@gci.ulaval.ca;
Website: https://geohazards8.ca/
Email: info@geohazards8.ca

Geotechnical Engineering for the Preservation of Monuments and Historic Sites
Location: Naples, Italy
Date: 22-24 June 2022
Organizer: TC 301, AGI (Italian Geotechnical Society)
Contact person: Filomena de Silva
Email: secretary@tc301-napoli.org
Website: http://www.tc301-napoli.org

TC204: Geotechnical Aspects of Underground Construction In Soft Ground - TC204 Cambridge 2021
Location: University of Cambridge, United Kingdom
Date: 28-06-2021 - 30-06-2021
Language: English
Organiser: University of Cambridge
Contact person: Dr Mohammed Elshafie
Address: Laing O'Rourke Centre, Department of Engineering, Cambridge University
Phone: +44(0) 1223 332780
Email: me254@cam.ac.uk

5th International Conference on New Developments in Soil Mechanics and Geotechnical Engineering
Location: Atatürk Cultural and Congress Center Near East University, Nicosia, Turkey
Dates: 30-06-2022 - 02-07-2022
Language: English
Organiser: Turkish Society of Soil Mechanics and Geotechnical Engineering and Near East University
Contact person: Cavit ATALAR
Address: Near East Boulevard
Phone: 05338342829
Fax: 00903922236461
Email: cavit.atalar@neu.edu.tr
Website: http://zm2020.neu.edu.tr

4th International Symposium on Frontiers in Offshore Geotechnics
Location: University of Texas, Austin, United States
Date: 28-08-2022 - 31-08-2022
Language: English
Organizer: ISFOG 2020 Organising Committee
Contact person: Phil Watson
Address: The University of Western Australia
Phone: 0418881280
Email: phillip.watson@uwa.edu.au
Website: http://www.isfog2020.org
11th International Symposium on Field Monitoring in Geomechanics
Location: Imperial College London, United Kingdom
Dates: 04-09-2022 - 08-09-2022
Organiser: TC220
Contact person: Dr Andrew Ridley
Email: andrew.ridley@geo-observations.com

17th Danube - European Conference on Geotechnical Engineering
Location: Ramada Parc, Bucharest, Romania
Dates: 05-09-2022 - 07-09-2022
Language: English
Description
Organiser: Romanian Society for Geotechnical and Foundation Engineering
Contact person: Ernest Olinic
Address: Bvd. Lacul Tei 124
Email: srgf@utcb.ro
Website: http://www.17decge.ro

28th European Young Geotechnical Engineers Conference and Geogames
Location: National Research Moscow State University of Civil Engineering, Russia, Moscow
Date: 15-09-2022 - 17-09-2020 - 19-12-2022
Language: English
Organiser: Russian Society for Soil Mechanics, Geotechnics and Foundation Engineering
Contact person: PhD Ivan Luzin
Address: NR MSUCE, 26 Yaroslavskoye shosse
Phone: +7-495-287-4914 (2384)
Email: youngburo@gmail.com
Additional Information: https://t.me/EYGEC2020

10th International Conference on Physical Modelling in Geotechnics
Location: KAIST, Daejeon, South Korea
Dates: 19-09-2022 - 23-09-2022
Language: English
Organiser: Korean Geotechnical Society (KGS)
Website: http://icpmg2022.org/
Email: secretariat@icpmg2022.org

Location: De Doelen, Rotterdam, The Netherlands,
Dates: 20-09-2022 - 23-09-2022
Language: English
Organiser: Royal Netherlands Society of Engineers (KIVI)
Contact person: Angelique van Tongeren
Address: Prinsesegracht 23
Email: SW2022@kivi.nl
Website: https://www.kivi.nl/afdelingen/geotechniek/stress-wave-conference-2022
Event Diary (Con’t)

16th International Conference on Geotechnical Engineering,
Location: University of Engineering & Technology (UET) Lahore, Pakistan,
Dates: 08-12-2022 - 09-12-2022
Language: English
Organiser: Pakistan Geotechnical Engineering Society (PGES)
Contact person: Dr. Jahanzaib Israr
Address: Civil Engineering Department, University of Engineering & Technology (UET) Lahore (Main Campus), G.T. Road
Phone: 03344132808
Email: 16icge@uet.edu.pk
Website: https://16icge.uet.edu.pk/

2023

17th Danube - European Conference on Geotechnical Engineering
Location: Ramada Parc, Bucharest, Romania
Dates: 07-06-2023 - 09-06-2022
Language: English
Organiser: Romanian Society for Geotechnical and Foundation Engineering
Contact person: Ernest Olinic
Address: Bvd. Lacul Tei 124
Email: srgf@utcb.ro
Website: http://www.17decge.ro

9th International Congress on Environmental Geotechnics
Location: Chania, Crete island, Greece,
Dates: 25-06-2023 - 28-06-2023
Language: English
Organiser: Chair: Dimitrios Zekkos, University of California at Berkeley; zekkos@berkeley.edu
Contact person: Dr. Rallis Kourkoulis
Email: rallisko@grid-engineers.com
Website: https://www.iceg2022.org/

17th Asian Regional Geotechnical Engineering Conference
Location: Nur-Sultan, Kazakhstan
Dates: 14-08-2023 - 18-08-2023
Language: English
Organiser: Kazakhstan Geotechnical Society
Contact person: Ms. Bibigul Abdrakhmanova
Address: 2, Satpayev Street, Eurasian National University, Geotechnical Institute
Phone: +7-7172- 344796
Fax: +7-7172-353740
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XVIII European Conference on Soil Mechanics and Geotechnical Engineering
Location: Lisbon, Portugal
Dates: 25-08-2024 - 30-08-2024
Language: English
Organiser: SPG
Contact person: SPG
Address: Av. BRASIL, 101
Email: spg@l nec.pt
Website: http://www.spgeotecnia.pt

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The Third International Conference on Environmental Geotechnology, Recycled Waste Materials and Sustainable Engineering
Location: Dokuz Eylul University, Izmir, Turkey,
Dates: 17-06-2021 - 19-06-2021
Organiser: Dokuz Eylul University
Contact person: Tugce Ozdamar Kul
Address: Dokuz Eylul University
Phone: +905325164800
Email: egrwse2020@gmail.com
Website: http://www.egrwse2020.com

4th African Regional Conference on Geosynthetics
Location: Cairo, Egypt
Dates: 21-02-2022 - 24-02-2022
Language: English
Organiser: International Geosynthetics Society- Egypt Chapter
Contact person: Prof. Fatma Baligh
Address: 87 El-Tahrir St., Dokki, Giza, Egypt
Email: Secretariat@geoafrica2021.org; info@geoafrica2021.org
Website https://geoafrica2021.org;

16th International Conference of the International Association for Computer Methods and Advances in Geomechanics - IACMAG
Location: Politecnico di Torino Conference Centre, Italy
Dates: 01-08-2022 - 02-09-2022
Language: English
Organiser: Politecnico di Torino
Contact person: Symposium srl
Address: via Gozzano 14
Phone: +390119211467
Email: info@symposium.it, marco.barla@polito.it
12th International Conference on Geosynthetics
Location: Auditorium Parco della Musica, Rome, Italy
Dates: 18-09-2022 - 22-09-2022
Language: English
Organiser: Associazione Geotecnica Italiana - Italian Chapter of IGS
Contact person: Susanna Antonielli
Address: AGI-Viale dell'Università 11
Phone: +39 06 4465569
Fax: +39 06 44361035
Email: info@12icg-roma.org
Website: http://www.12icg-roma.org

FOR FURTHER DETAILS, PLEASE REFER TO THE WEBSITE OF THE SPECIFIC CONFERENCE
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d. CalGeo - The California Geotechnical Engineering Association
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