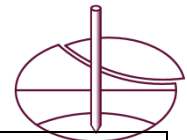




**ISSMGE FOUNDATION  
REPORT ON CONFERENCE ATTENDANCE**

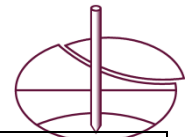
<b>Your Name:</b> Som Pong Pichan	<b>Your Organization:</b> Public Work Department of Malaysia	<b>Date of report:</b> 29.09.2022
<b>Conference Title:</b> 11 <sup>th</sup> Symposium on Field Monitoring in Geomechanics	<b>Location of Conference:</b> Imperial College London, United Kingdom	<b>Dates of Conference:</b> 04.09.2022 – 08.09.2022
<b>What you learned:</b>  I have learned many new things on the application of the latest technology for field monitoring in geotechnical works. An opportunity to listen to the presentation by internationally recognized experts and highly experienced keynote speakers and presenters is amazing which really opens up my mind on the importance of field monitoring in construction. I also have learned that a well-planned and well-implemented monitoring program is important in order to ensure the success of the projects.		
<b>People you met:</b>  I have met many people from various backgrounds and professions which involved directly in manufacturing, supplying, installing, and monitoring of the field monitoring instruments as well as the users of the data. Among others are Professor Jamie Standing (Imperial College London), Leen De Vos (Geotechnical Division of Flemish Government), Kevin Duffy (TU Delft), Arlene Paulino (AMH Philippines Inc), Josep Raventos (BAC Engineering), Andrew Ridley (Geotechnical Observations Limited), Michael Wan (GCG LLP) and many others from different parts of the world.		
<b>Main features of conference:</b>  The conference features three main programs consisting of preconference workshops, main conference and site visits. The preconference workshops were broken into three sessions which allows participants to interact and discuss on various topics based on the scope presented or defined by facilitators. Findings of each discussion were summarized and presented by a moderator/ reporter to the audience at the end of each session where all conclusions will be reported to ISSMGE TC220. The main conference involved keynote lectures, the ISSMGE 1 <sup>st</sup> Dunnycliff honour lecture, technical sessions and the Elmo DiBiagio Young Engineers' Competition. The topics and content of all the keynote lectures were very informative and relevant to the field monitoring in geotechnical engineering works which has benefited and greatly improved the knowledge and understanding of participants including myself. The technical sessions involved presentations of technical papers by many researchers and practitioners which have covered many interesting topics related to the field of monitoring and geotechnical engineering. The last technical session titled "Emerging Technologies & Ideas" was very useful as the presenters have shared their thoughts and experiences on the recent development and challenges in implementation of field		



monitoring systems/ technologies. The last activity of the conference was a short visit to HS2 and Euston Station which is a new high speed railway that will form the backbone of Britain's transport network. Unfortunately, I am unable to join the visit due to the limitation of the space provided by the organizers and personal constraints.

***Your comments on the conference:***

Field instrumentation and monitoring is essential and has become an important part in implementation of the geotechnical engineering works. An opportunity to attend this conference has benefited me greatly in terms of the knowledge gained from the experts who have presented their work either through the keynote lectures or technical sessions. It was a really mind-opener for me to re-look into the current practices of field instrumentation and monitoring as well as to explore into the application of many new methods and technologies currently adopted by others from all around the world. Undoubtedly, there is a room for improvement in the understanding, technical competency and practices of this field in Malaysia.



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

The 11th International Symposium on Field Monitoring in Geomechanics 2022 (ISFMG2022) was held at Imperial College London, United Kingdom from 04 to 08 September 2022. The conference was organised under the auspices of ISSMGE TC220 Field Monitoring in Geomechanics. The conference themes covered Excavations and Underground Spaces, Bridges Monitoring and Transport Infrastructure, Dams and Embankments, Slopes and Earthworks, Buildings and Foundations, Mining and Landfill, Environmental Monitoring, The Observational Method, Landslides, Impacts of Tunnelling on Adjacent Structures, Soil moisture and Pore Pressure, Emerging Technologies and Ideas, and Tunnels Monitoring. A total of 5 keynote lectures and 105 technical papers covered wide variety of topics relevant to the themes were presented orally by speakers during the main conference program held at the Great Hall and LT340 Huxley Building, Imperial College London. The 1th Dunicliff Honour Lecture titled “Challenges and Opportunities in Geotechnical Performance Monitoring” was presented by Allen Marr of Geocomp, USA. The lecture was held to honour the contributions of Prof John Dunicliff in the field of geotechnical instrumentation and monitoring. Overall, the ISFMG2022 was well organized and the main objective to bring together people from across the geotechnical monitoring sector to promote better understanding, interpretation and presentation of field measurements is achieved. In short, my personal objective to gain knowledge and exposure from the international experts by attending this prestigious conference which was held at every four years since the early 1980s is also achieved. I am very thankful for the ISSMGE Foundation for providing me with a generous grant to attend ISFMG2022. It was undoubtedly a wonderful experience and the knowledge that I obtained will definitely be useful to improve my own technical competency which can also be shared with many more geotechnical engineers either within or beyond Public Work Department for betterment of the profession in this country.

***Photographs from Conference:***

