



Malaysian Geotechnical Society

# Webinar – Talk On “The Use of Ground Improvement for Heavily Loaded Structures and Experiences from Challenging Projects”

by **Prof. Dr. Michal Topolnicki**

**10<sup>th</sup> November 2022 (Thursday) 4.00 p.m. to 6.00 p.m.**

BEM Approved CPD Hours: 2 Ref. No.: Applying  
PEB PDUs: Applying

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## Synopsis

Ground Improvement (GI) solutions are often considered to be of no or limited use for heavily loaded structures due to the perceived inability to limit total and differential settlements to an acceptable level. Undoubtedly, the predominant use of piling for foundation of heavily loaded structures is reasonable and has a long tradition. It should be noted, however, that there is also a range of applications where piling and GI solutions may overlap. The benefits of GI solutions typically comprise shorter construction times and lower construction costs but may often also include important reduction of project-related carbon dioxide emissions. It is therefore expected that the role of unconventional GI solutions in civil engineering practice will grow in the future, offering also new and interesting possibilities for researchers, geotechnical designers and specialized contractors.

## About The Speaker

Prof Topolnicki graduated with MSc and Ph.D. from Gdańsk University of Technology, Poland. He is accorded the Professor in 2004 (nominated by the President of The Republic of Poland). He has more than 47 years of experience in the field of Geotechnical. He is a Licensed Expert in Geotechnical and Hydro-Engineering since 2013. He has co-authored 3 books and authored/co-authored about 170 papers.

He has been with Keller since 1999, playing various roles like BU Manager (Keller Polska), BU Manager (North East Europe) and Director Large Projects (Keller Holding GmbH). Currently, he is the Senior Technical Adviser to Keller Holding in Germany.

He delivered the Louis Ménard Lecture at the 20th International Conference. on Soil Mechanics and Geotechnical Engineering in Sydney 2020.



## Registration Fee:

MGS / IEM / GeoSS / CTGS Members: **FREE**

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