



GEOTECHNICAL SEMINAR

JOINTLY ORGANIZED BETWEEN
GEOTECHNICAL SOCIETY OF SINGAPORE (GEOSS)
& CENTRE FOR SOFT GROUND ENGINEERING



Case Studies of Mega Ground Improvement Projects

by

Serge Varaksin

Past Chairman, ISSMGE TC211

Date: Friday, 02 November 2018
Time: 6:30pm Reception
7:00pm Seminar
Venue: **Engineering Auditorium**
Faculty of Engineering
National University of Singapore

SYNOPSIS

In this presentation, the speaker will share with the audiences his more than 40 years of experience on ground improvement technology. He will provide a brief introduction on the ground improvement technology available to treat soil from soft clay to loose sand, which includes methods like consolidation with preloading and vacuum pressure, dynamic compaction, vibro-compaction, dynamic replacement, vibro-replacement, rigid inclusion, etc. Subsequently, he will be presenting a few mega infrastructure projects where ground improvement solutions have been implemented successful. The design concepts and construction aspects of the projects shall be presented, especially on some of the innovative ideas adopted in the projects.

THE SPEAKER

Serge Varaksin was born in 1943 in Belgium. After completing his civil engineering degree, he was admitted on a work-study program at Northwestern University Evanston - USA. He completed his master's degree under Professor Jorg Osterberg and published his research on relative density below groundwater table in the ASTM STP 523 Book.

He joined Menard of France in 1973 and devoted his career in creating the global network of Menard companies specialising in ground improvement works. He has retired from Menard and currently with Apageo as their Scientific Advisor. He has published more than 50 peer-reviewed papers in ground improvement techniques. He is the past-chairman of ISSMGE TC211 on ground improvement and currently member of TC211 and recently the TC102 of ISSMGE.

For catering purpose, please register your attendance via this link: <https://e.cma.sg/geoss02nov18>

Admission is free for members of GeoSS. Non-members can join as GeoSS members on the spot (Annual fee applies)

LOCATION MAP

