

Conference Reports

The 3rd International Conference GEOTEC HANOI 2016, on Geotechnics for Sustainable Infrastructure Development, Hanoi, 24th – 25th Nov 2016

GEOTEC HANOI 2016 was successfully organized on 24-25 November 2016 in Hanoi, with 600 attendees, of which 235 international, from 31 countries. The conference proceedings consisted of 145 papers, 88 of which were presented in two parallel conference halls.

The First and Second GEOTEC HANOI conferences were successfully organized in 2011 and 2013. The main purpose of these conferences was to provide a forum to interchange ideas, experience, and knowledge in the interest areas. Continuing from the success of the two previous events, it was decided to hold the conference every third year in Hanoi.

Hosts of the Third Conference were FECON Corporation, a leading geotechnical/infrastructure contractor in Vietnam, and the Vietnamese Society for Soil Mechanics and Geotechnical Engineering (VSSMGE). We were grateful for the Japanese Geotechnical Society (JGS) having accepted to serve as international co-organizer.

This year conference was held in a context of Vietnam experiencing the strongest development period ever. During the last five years, since the 2011 conference, numerous new large infrastructure projects have been constructed in Vietnam. Thousands of kilometers of highway have been built. Construction of the first metro lines in Vietnam has been started in Hanoi and Ho Chi Minh City. Vietnam is one of the countries most impacted by climate change; our country is threatened by flooding and soil salinity, which problems call for geotechnical expertise. The conference organisers believe that much experience and knowledge will be shared and learnt in the five conference technical sessions:

- Deep Foundations,
- Underground Construction and Tunneling,
- Ground Improvement for Infrastructure Projects,
- Coastal Geotechnics for Climate Change, and
- Monitoring, Inspection and Maintenance.

Five keynote lectures were given by five speakers from four continents:

- “The Unified Design of Piled Foundations”, Prof. Bengt Fellenius (Canada);
- “Evaluation of different measures in reducing movements induced by deep excavation”, Prof. Chang-Yu Ou (Taiwan);
- “Drains and Vacuum for Soft Soil Stabilization - Recent Advances in Experimental and Numerical Modelling”, Prof. Buddhima Indraratna (Australia);
- “Geotechnical response to natural disasters in the context of climate change”, Prof. Kazuya Yasuhara (Japan);
- “Ground and structural response to tunneling - lessons learnt from three major projects in London”, Dr. Jamie Standing (United Kingdom).

GEOTEC HANOI 2016 instigated a special honor lecture named Sven Hansbo Lecture. Professor Hansbo, a giant figure in the geotechnical world, has contributed significantly to the development of geotechnics in Vietnam by direct advice, by taking Vietnamese students into his teaching programme in Sweden, and by his contributions to the first two conferences. The First Sven Hansbo Lecture was presented by Prof. Bengt Fellenius.

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The proceedings

The proceedings, with international registration number ISBN 978 604 82 1821 8, is very well-edited with international high-quality printing and hard-covered. The proceedings consisted of approx. 1200 pages and includes 145 papers in English. A CD ROM is also provided with all the papers in colored PDF files. The proceedings can be ordered through the conference website <http://www.geotechn.vn/>, or the conference secretarial email address secretariat@geotechn.vn



Photo 1. Mr. Pham Viet Khoa, FECON President and chairman of the conference, made welcome speech



Photo 2. Dr. Phung Duc Long, VSSMGE president, co-chairman of the conference, chairman of scientific committee, opened the conference



Photo 3. Hansbo Lecture Ceremony -Professor Sven Hansbo in Vietnam

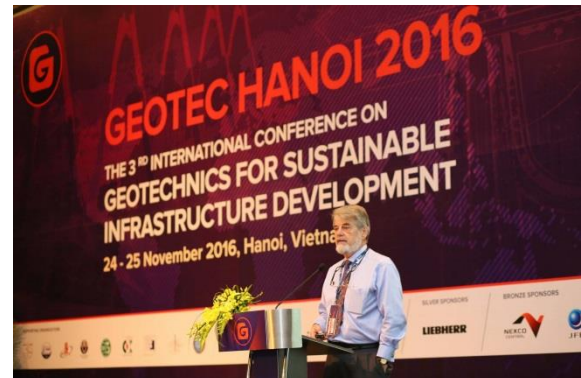


Photo 4. 1st Hansbo Lecture, given by Prof. Bengt Fellenius (Canada)

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Photo 5. Keynote Lecture, Prof. Chang-Yu Ou (Taiwan)



Photo 6. Keynote Lecture, Prof. Buddhima Indraratna (Australia)



Photo 7. Keynote Lecture, Prof. Kazuya Yasuhara (Japan)



Photo 8. Keynote Lecture, Dr. Jamie Standing (UK)



Photo 9. Conference Advisers, Prof. Rolf Katzenbach (Germany) and Dr. Bo Berggren (Sweden)

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Photo 10. Conference's key persons

*Dr. Phung Duc Long,
President, Vietnamese Society for Soil Mechanics & Geotechnical Engineering (VSSMGE)*