

The 5th International Conference on
**GEOTECHNICS FOR SUSTAINABLE
INFRASTRUCTURE DEVELOPMENT**

DECEMBER 14 – 15, 2023 • HANOI, VIETNAM

Announcement No. 1



ABSTRACT SUBMISSION EXTENDED TO JANUARY 31, 2023

Introduction

THE series of International Conference on Geotechnics for Sustainable Infrastructure Development (GEOTEC HANOI) was organized successfully in 2011, 2013, 2016 and 2019 in Hanoi and it has become a well-known event not only in Vietnam but also internationally for its excellent quality and organizational scale. The number of accepted papers and attendees increased significantly over the times. In the latest event, GEOTEC HANOI 2019 (GH2019), there were 186 published papers and more than 800 attendees from 37 countries and territories. More remarkably, GEOTEC HANOI has welcome world-class experts to deliver keynote lectures: Prof. Sven Hansbo (Sweden), Prof. Kenji Ishihara and Dr. Hiroshi Yoshida (Japan), Prof. Harry G. Poulos (Australia), Prof. Pieter A. Vermeer (Netherlands), and Prof. Alain Guilloux (France) in GH2011; Prof. Rolf Katzenbach (Germany), Prof. Alain Guilloux (France), Prof. Fumio Tatsuoka (Japan), Prof. Kenichi Soga (United Kingdom), Prof. Helmut Schweiger (Austria), and Prof. Sven Hansbo (Sweden) (honorable lecture) in GH2013; Prof. Bengt H. Fellenius (Canada), Prof. Buddhima Indraratna (Australia), Prof. Chang-Yu Ou (Chinese Taipei), Dr. Jamie Standing (United Kingdom), and Prof. Kazuya Yasuhara (Japan) in GH2016; and Prof. Harry Poulos (Australia), Prof. Adam

Beruijen (Belgium), Prof. Masaki Kitazume (Japan), Prof. Delwyn Fredlund (Canada), Prof. Lidija Zdravkovic (The UK), and Prof. Mark Randolph (Australia) in GH2019. In addition, GH2019 conference was honored to have two special invited lectures: Prof. Charles Ng (Hong Kong, China), President of ISSMGE; Prof. Eun Chul Shin, (South Korea), V. President of ISSMGE for Asia.

Following the success of the four previous events, the 5th International conference, GEOTEC HANOI 2023 (GH2023) will be organized by FECON Corporation, the Vietnamese Society for Soil Mechanics and Geotechnical Engineering (VSSMGE), Japanese Geotechnical Society (JGS), Thuyloi University (TLU), and Vietnam Petroleum Institute (VPI) on December 14-15, 2023 at the National Convention Center (NCC), Hanoi, Vietnam. GH2023 will be honorably patronized by the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) and Japan International Cooperation Agency (JICA).

For the 5th conference, besides the five known themes of GEOTEC HANOI series, i.e., Deep foundations, Tunnelling and underground spaces, Ground improvement, Geotechnical modelling and monitoring, Landslide and erosion, one new and imperative topic on sustainable development, namely Offshore wind power and Coastal geotechnics, is also included.

Conference Themes

① DEEP FOUNDATIONS

② TUNNELLING AND UNDERGROUND SPACES

③ GROUND IMPROVEMENT

④ LANDSLIDE AND EROSION

⑤ GEOTECHNICAL MODELLING AND MONITORING

⑥ OFFSHORE WIND POWER AND COASTAL GEOTECHNICS

Call for Papers

Engineers, researchers, teachers and other professionals are warmly invited to submit papers dealing with the conference themes. Well-documented case histories and design experience, especially those related to projects in Vietnam, are encouraged.

Abstract submission

Please submit your extended abstracts to the [Conference Management System](#) before **January 31, 2023**.

The extended abstracts, including name of authors, affiliation, and email address, should not exceed 500 words (or one A4 page) written in English. The abstract template and submission guideline are given below.

- Download [Abstract Template](#)
- Download [Submission Guideline](#)

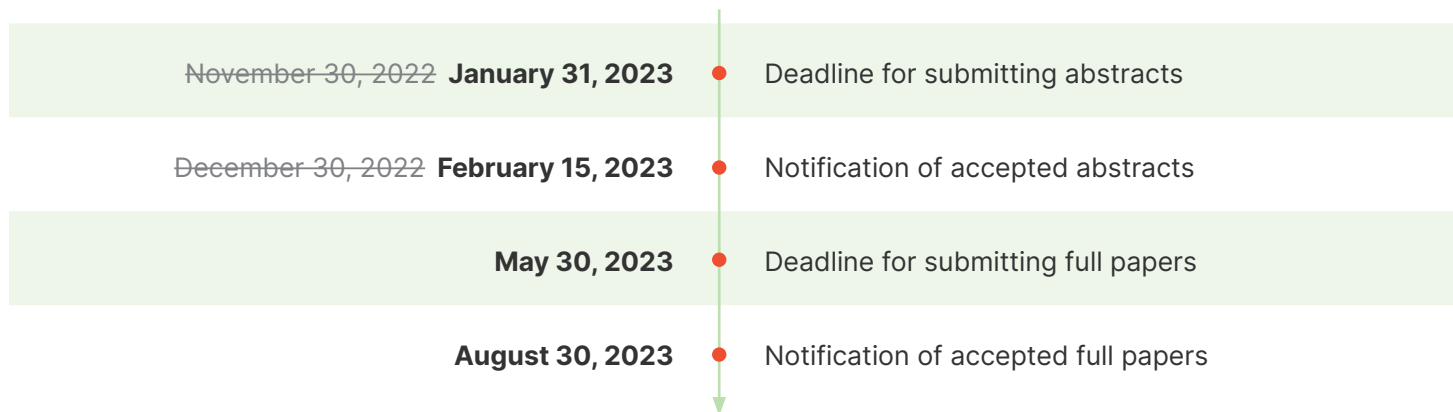
All abstracts will be evaluated on the basis of originality, significance, clarity and scientific contribution by the Scientific Committee of GH2023. Accepted abstracts will be notified through your personal emails and account on abstract submission.

Full paper submission

Please submit your full paper through the [Conference Management System](#) before **May 30, 2023**.

The full papers must be prepared following the template of the conference. The accepted full papers will be published as an E-proceedings in the series of Lecture Notes in Civil Engineering of Springer, which is indexed in Scopus. A hardcover book of abstracts with full papers of keynote and invited speakers will be printed and delivered to participants. Please note that an accepted paper will only be published in the conference proceedings if at least one of the authors fulfils the payment of registration fee before **September 30, 2023**.

Important Dates



Conference Venue

The National Convention Center (NCC), Hanoi, Vietnam

Thang Long Avenue (gate No.1) and Pham Hung Street (gate No.2) Me Tri Ward, Nam Tu Liem District, Hanoi, Vietnam

Tel: (+84) 08041196 / <http://ncc.gov.vn/>



Conference Registration & Fees

Participants are encouraged to register and pay online via the conference website or by sending a registration form to the conference supporting email at support@geotechn.vn before December 14, 2023. For participants who have some difficulties in paying the registration fees via bank transfer or credit card in your countries, you are welcome to pay the fees by cash at the conference venue.

Early registration **\$300**
(before June 15, 2023)

Normal registration **\$350**
(after June 15, 2023)

For authors of accepted papers **\$250**

For Vietnamese students **\$50**

An enrolled student must submit a document certifying his/her student's status.

For group registration **20% discount**

Applicable to groups of at least four people who belong to one organization or are co-authors of one paper.

For young scientists **FREE**

Applied to first authors of accepted papers and younger than 35 years (born after December 14, 1988), and are in the list of 100 young scientists approved by the organizing committee.

If a young author representatively pays the registration fee (before September 30, 2023) and attends the conference, the fee will be refunded by cash on site or bank transfer.

Conference registration fee includes a book of abstracts, lunch, coffee breaks and closing banquet.

- Additional ticket for closing banquet: **\$50**
- Additional book of abstracts: **\$50**

Technical tour and Excursion

Prior to the conference start date, the organizing committee arranges one-day site visit (technical tour) for visitors to the underground construction site of Metroline 3 in Hanoi. In addition, one day excursion at Cuc Phuong National Park, the country's largest nature reserve in Ninh Binh province, will be organized for the registered delegates.

The detailed information of the technical tour and excursion will be updated in the next announcement and on the website <https://geotechn.vn>.

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