

INTERNATIONAL CONFERENCE

on Geo-Disaster and Construction Engineering

ICGCE 2024

June 07- 08, 2024

University of Waterloo, Ontario, Canada



Scope & Aim of the Conference

This conference holds great promise for bringing together experts from various fields, including academia, industry, and organizations, to address topics related to long-term sustainability and resilience. With the aim to amalgamate these areas, we have curated a range of interconnected themes spanning from geo-disasters to DRRM, Crisis Management, and Quality Control to Quality Assurance in construction management.

The diverse areas of focus within Geo-Disasters and Construction Management include the analysis and impact of natural geo-disasters on infrastructure construction and the ensuing geo-hazards. The resilience of communities in managing and mitigating disasters, especially amidst climatic shifts, is a significant subject. Additionally, the emphasis lies on crisis management strategies, particularly at construction sites, while deliberating on disaster risk reduction policies for societal well-being. Structural challenges in constructing high-rise buildings and innovative approaches like using precast delta beams highlight the evolving construction landscape. Engineering geological and geotechnical techniques play pivotal roles, featuring ground improvement methods such as permafrost ground enhancement and innovative waste-recycle material utilization. The application of geospatial analysis including advanced LIDAR technique and multi-hazard assessments in resilient urban development, coupled with ground and slope reclamation methods, underscores the importance of holistic planning. Lastly, ensuring quality control and assurance in construction and DRRM remains a paramount consideration throughout these endeavors.

Theme of the Conference

Theme 1 : Geo-Disasters, Disaster Policy and Crisis Management

Theme 2 : Crisis Management and Disaster Risks Reduction

Theme 3 : Practice of Environmental Sustainable Design

Theme 4 : Engineering Geological and Geotechnical Techniques on Infrastructures and Construction Management

Theme 5 : Quality Control/Quality Assurance in Construction

Plenary Speakers

Prof. Dennes T. Bergado, AIT, Thailand

Prof. Askar Zhussupbekov, Eurasian National University, Kazakhstan

Dr. Shahab Yasrebi, Geomaple Geotechnics Inc., Canada

Keynote Speakers

Prof. Marolo Alfaro (Canada), Prof. Shuilong Shen (China), Prof. Noriyuki Yasufuku (Japan), Prof. Catherine Mulligan

(Canada), Prof. Emeritus Keiko Kitagawa (Japan), Prof. Fauziah Ahmed (Malaysia), Prof. Suttisak Sorolump (Thailand)

Prof. Neelima Satyam (India), Prof. Suksun Horpibulsuk (Thailand), Prof. Emeritus Masayuki Hyodo (Japan)

Dr. Pritam Shrestha (Canada), Dr. Suman Manandhar (Japan), Dr. Uttam Babu Shrestha (Nepal)

Organized by

KMC Canada

Co-organized by

Geomaple Geotechnics Inc. Canada, Shantou University, Global Institute for Interdisciplinary Studies(GIIS)
Suranaree University of Technology, Kasetsart University, King Mongkut's Institute of Technology Ladkrabang

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Call for Papers

Abstract submission deadline: February 14, 2024
Full Paper submission deadline: May 28, 2024
Abstract: 200-500 words, keywords (2-6)
Full Paper Page limit: 6-10 pages (even pages)

Notification for Papers

Acceptance of Abstracts by February 28, 2024
Full Papers will undergo peer-review and accepted papers will be published in a Special Volume of Smart Construction and Sustainable Cities Journal (SCSC)
Springer Nature Group
Guidelines: <https://www.springer.com/journal/44268>

Abstract & Full Paper submission email

a. Abstract with the file name: ICGCE2024_Abs_Full Name
b. Full Paper with the file name: ICGCE2024_FP_Full Name
Email: info@icgce2024.ca

Registration Fee

Registration Categories	Early Bird Till March 15, 2024	Regular After March 15, 2024
General Participant	\$ 400 +13GST/HST	\$ 500 +13GST/HST
Student	\$ 200 +13GST/HST	\$ 300 +13GST/HST
One-day Registration	\$ 100 +13GST/HST	\$ 150 +13GST/HST
Accompanying Person	\$ 100 +13GST/HST	\$ 150 +13GST/HST
Charge per extra paper submission	\$ 50 +13GST/HST	\$ 100 +13GST/HST
For Canadian/US Resident	\$ 100 +13GST/HST	\$ 150 +13GST/HST

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Categories	Fees
Diamond	\$ 3000 +13% GST/HST
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CEO, KMC Canada Corporate Inc.

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Kyushu University, Japan

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Universiti Sains Malaysia, Malaysia

Secretariat

Mukesh Pandey
Email: info@icgce2024.ca
Website: www.icgce2024.ca
KMC Canada Corporate Inc.

Secretary General

Er. Manjul Acharya
KMC Canada Corporate Inc.

Suite 260, 222 Islington Ave, Toronto, ON, M8V 3W7

