ISSMGE FOUNDATION
REPORT ON CONFERENCE ATTENDANCE

Your Name: Md Anisur Rahman	***Your Organization:*** Indian Institute of Technology Patna	***Date of report:*** 1 September 2026
Conference Title: 4th International Conference on Geotechnical Engineering (ICGE – Colombo – 2026)	***Location of Conference:*** Colombo, Sri Lanka	***Dates of Conference:*** 24 – 25 August 2026

What you learned:

Attending the 4th International Conference on Geotechnical Engineering (ICGE 2026) in Colombo, Sri Lanka, was a valuable learning experience and an important part of my academic development. The conference, centred on the theme "Resilient Geotechnics for a Sustainable Future," provided exposure to recent developments in geotechnical engineering through keynote lectures, technical sessions, research presentations, and discussions with researchers and practitioners.

One of the key learning outcomes was a better understanding of how sustainability and resilience are being integrated into modern geotechnical engineering. The keynote and thematic lectures provided useful perspectives on sustainable infrastructure, ground improvement, complex ground conditions, geohazards, and the circular economy. The technical sessions also demonstrated the growing use of experimental investigations, numerical modelling, and data-driven approaches in geotechnical research.

The sessions on problematic soils, stabilization, environmental geotechnics, and sustainable materials were particularly relevant to my research on contaminated soil and lime stabilization. These discussions helped me appreciate the importance of linking laboratory investigations with practical engineering applications and long-term performance.

Presenting my research also provided an opportunity to discuss my work with researchers and receive technical feedback. Overall, the conference broadened my understanding of current research trends and provided useful perspectives that can contribute to my future research work.

People you met:

1. Prof. Buddhima Indraratna (University of Technology Sydney, Australia)
2. Prof. S.P.G. Madabhushi (University of Cambridge, UK)
3. Prof. Jayantha Kodikara (Monash University, Australia)
4. Prof. Cholachat Rujikiatkamjorn (University of Technology Sydney, Australia)
5. Dr. Anil Joseph (Vice President Asia ISSMGE and President Indian Geotechnical Society)
6. Prof. A. Murali Krishna (IIT Tirupati, India)
7. Prof. K.J. Shou (National Chung Hsing University, Taiwan)
8. Prof. Manash Chakraborty (IIT (BHU), India)

Main features of conference:

The 4th International Conference on Geotechnical Engineering (ICGE 2026) was held on 24–25 August 2026 at Cinnamon Grand, Colombo, Sri Lanka, under the theme "Resilient Geotechnics for a Sustainable Future." The conference brought together academicians, researchers, engineers, and practitioners to exchange recent developments and innovations in geotechnical engineering.

A major feature of the conference was the participation of distinguished international experts as keynote and thematic speakers. Notable speakers included Prof. B. Indraratna, Dr. Anil Joseph, Prof. S. P. G. Madabhushi, Prof. Jayantha Kodikara, and Prof. K. J. Shou, who addressed topics related to sustainable transport infrastructure, circular economy, complex ground conditions, pile–soil interaction, geotechnical resilience, and landslide resilience under climate change.

The technical programme covered a broad range of contemporary topics, including Transportation Geotechnics; Geotechnical Modelling, AI and Experimental Investigations; Natural Disaster Resilience; Ground Improvement; Environmental and Energy Geotechnics; and Problematic Soils, Stabilisation and Sustainable Materials. The programme included keynote and thematic lectures, technical paper presentations, discussions, Q&A sessions, and opportunities for professional interaction and networking.

I presented my research entitled "Lime Effect on Unconfined Compressive Strength of Cadmium-Contaminated Soil" as part of the conference programme.

Your comments on the conference:

I found the 4th International Conference on Geotechnical Engineering (ICGE 2026) to be a highly informative and well-organized conference. The opportunity to present my research and interact with researchers from different institutions was particularly valuable. Discussions during and after my presentation provided useful perspectives on my research and encouraged me to consider the broader engineering implications of my work.

I also appreciated the opportunity to interact with experienced researchers and fellow participants from different countries and institutions. These interactions provided valuable academic exposure and helped me gain a broader perspective on current developments and research practices in geotechnical engineering.

Overall, the conference was a rewarding academic and professional experience. It enhanced my confidence in presenting and discussing my research, encouraged knowledge exchange, and provided useful ideas and motivation for my future research work.

Please attach short report (maximum 400 words) suitable for publication in the ISSMGE Bulletin:

The 4th International Conference on Geotechnical Engineering (ICGE 2026) was held on 24–25 August 2026 at Cinnamon Grand, Colombo, Sri Lanka, under the theme "Resilient Geotechnics for a Sustainable Future." The conference provided an international platform for researchers, academicians, engineers, and practitioners to share recent advances and discuss emerging challenges in geotechnical engineering.

The programme featured keynote and thematic lectures by distinguished experts, including Prof. B. Indraratna, Dr. Anil Joseph, Prof. S. P. G. Madabhushi, Prof. Jayantha Kodikara, and Prof. K. J. Shou. The lectures addressed contemporary issues including sustainable transport infrastructure, circular economy, complex ground conditions, earthquake-induced pile–soil interaction, geotechnical resilience, and landslide resilience under climate change. Technical sessions covered Transportation Geotechnics; Geotechnical Modelling, AI and Experimental Investigations; Natural Disaster Resilience; Engineering Geology, Excavations and Case Histories; Advancement in Ground Improvement; Environmental and Energy Geotechnics; and Problematic Soils, Stabilisation and Sustainable Materials.

I had the opportunity to present my research entitled "Lime Effect on Unconfined Compressive Strength of Cadmium-Contaminated Soil." The presentation provided an opportunity to share our experimental work with the international geotechnical community and receive questions and perspectives from researchers and professionals. The technical sessions also provided useful insights into experimental investigations, numerical modelling, innovative ground-improvement techniques, sustainable materials, and data-driven approaches.

Beyond the technical programme, the conference provided valuable opportunities for interaction and networking with researchers, academicians, and fellow participants from different institutions and countries. Overall, ICGE 2026 was a valuable academic and professional experience that contributed to my research exposure, knowledge exchange, and international networking.

I sincerely acknowledge the ISSMGE Foundation for the financial support that enabled my participation in this international conference.

Photographs from Conference:



Receiving the Presentation Certificate from Prof. S. P. G. Madabhushi



With Prof. B. Indraratna



With Prof. Jayantha Kodikara



With fellow participants from other IITs



Group Photograph with Indian Delegates at ICGE-2026