ISSMGE FOUNDATION
REPORT ON CONFERENCE ATTENDANCE

Your Name: RIYA ROY	***Your Organization:*** IIT GUWAHATI INDIA	***Date of report:*** 29-11-2023
Conference Title: SEAGC-AGSSEA 2023	***Location of Conference:*** BANGKOK, THAILAND	***Dates of Conference:*** 25th to 27th October 2023

What you learned:

Engaging with both industrial and academic experts during the conference provided invaluable perspectives on the challenges encountered in the practical implementation (such as slope stability, environmental and transportation geotechnics, seismic geotechnics etc.) of laboratory studies. This interaction unveiled detailed understanding into the real-world complexities faced during the construction of geotechnical structures.

The conference not only broadened my understanding of theoretical concepts but also shed light on the practical challenges inherent in translating laboratory findings to on-site applications. This knowledge is particularly crucial for our research, which predominantly focuses on field implementation. Understanding these challenges will undoubtedly enhance the relevance and effectiveness of our research experiences.

The comprehensive discussions and case studies presented at the conference have equipped me with specific ideas and solutions to address these practical challenges. I am confident that incorporating these insights into our research endeavors will contribute to the improvement of our methodologies and further our mission of enhancing geotechnical practices in real-world scenarios.

People you met:

Here are some of the distinguished researchers I interacted during the SEAGC-AGSSEA 2023:

Prof. Buddhima Intraratna, Professor of Civil Engineering, University of Technology Sydney, Australia

Dr. Apiniti Jotisankasa, Associate Professor, Kasetsart University, Bangkok, Thailand

Dr. Jitesh T. Chavda, Asst. Professor, SVNIT Surat, India

Dr. Deendayal Rathod, Associate Professor, NIT Trichy, India

Main features of conference:

Key Highlights of the conference include:

- The conference commenced with an impressive opening ceremony that featured notable figures in the geotechnical engineering community. The ceremony set the tone for the event, emphasizing the importance of collaboration and knowledge-sharing.
- The conference included a diverse range of technical sessions, and keynote presentations, addressing various aspects of soil mechanics, foundation engineering, slope stability, and related topics. Notable professionals from both academics and industries presented keynote lectures, which was fruitful for budding researchers like me for understanding the innovations and limitations in the practical aspects of geotechnical engineering.

- The heart of the conference was the series of technical sessions covering a wide array of topics. These sessions provided a platform for researchers and practitioners to present their latest findings and advancements in geotechnical engineering. Along with other researchers, I was able to present my research on the topic "Geotechnical properties of acetone-contaminated bentonite and kaolinite-bentonite mixture". The presentation was followed by a short discussion session with my fellow researchers, which led to understanding new perspectives to my study.
- One of the most valuable aspects of attending the conference was the opportunity to network with experts and peers in the field. I had the privilege of engaging in meaningful discussions, exchanging ideas, and establishing connections that could potentially lead to future collaborations.
- The exhibition area featured cutting-edge technologies, products, and services related to the field of Geotechnical engineering. Exploring this space allowed me to stay updated on the latest industry trends and innovations.

Your comments on the conference:

Attending the SEAGC-AGSSEA 2023 and presenting my research findings at this esteemed conference was a rewarding experience that significantly contributed to my professional development. The invited keynote lectures covering diverse topics were captivating, and the presentations were genuinely inspiring. The knowledge gained, connections established, and insights obtained will undoubtedly impact my research work positively. I am grateful for the opportunity to represent IIT Guwahati at this prestigious event and look forward to implementing the lessons learned in my future endeavours.

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

The 21st Southeast Asian Geotechnical Conference and 4th AGSSEA (SEAGC-AGSSEA 2023) took place in Bangkok, Thailand, from October 25th to October 27th, 2023. The conference was jointly organized by the South East Asian Geotechnical Society, the Engineering Institute of Thailand under H.M. The King's Patronage, and the Thai Geotechnical Society, with a primary focus on the theme "Innovative Geotechnology to Meet New Challenges in the Region and Beyond". It served as a comprehensive platform for the exchange of knowledge, research findings, and innovative ideas within the field of geotechnical engineering. The event attracted a diverse audience, including professionals, researchers, and industrial experts, with a special emphasis on the Southeast Asian region.

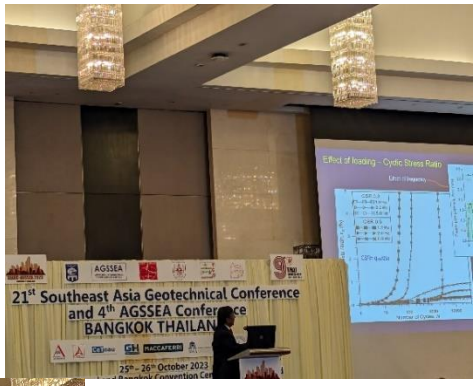
Distinguished personalities such as Dr. Chung-Tien Chin, Prof. Buddhima Indraratna, Prof. Warakorn Mairaing, and Mr. Junichi Yamazaki delivered keynote lectures addressing various innovative geotechnical practices to face challenges encountered during the field implementation. The event featured a total of 92 technical papers from researchers worldwide, enhancing the depth and complexity of discussions.

As a research scholar specializing in geotechnical engineering, SEAGC-AGSSEA 2023 provided a unique platform for my professional growth and knowledge exchange. Interactions with experts in the field offered valuable insights into current industry challenges, emerging trends, and potential areas for further research. These discussions expanded my professional networks and contributed to a broader understanding of the field.

Presenting research paper during the conference not only facilitated the dissemination of my findings but also sparked valuable discussions with fellow researchers, leading to new perspectives and potential collaborations. Additionally, the interactions with industrial experts in the exhibition stalls provided insights into cutting-edge technologies, products, and services in the current market. Exploring the exhibition area allowed us to stay informed about the latest industry trends and innovations, offering a practical dimension to the theoretical knowledge gained during the conference.

In summary, SEAGC-AGSSEA 2023 emerged as a pivotal event, successfully bringing together industrial experts, academicians, and emerging talents in the field of geotechnical engineering. The knowledge gained, connections established, and insights obtained during the conference contribute positively to my ongoing research endeavors and foster collaboration and innovation within the broader geotechnical engineering community.

Photographs from Conference: Insert here or attach to email



1. During my presentation
2. Keynote presentation by Prof. Buddhima Indraratna, University of Technology Sydney, Australia
3. Presentation by another delegate during technical sessions
4. With the industrial expert from Maccaferri
5. International delegates from Saga University, Japan

6. With Prof. Buddhima Indraratna, University of Technology Sydney, Australia
7. With Dr. Apiniti Jotisankasa, Kasetsart University, Thailand