



Editorial

Preface of the 5th Conference on Sustainability in Civil Engineering [†]

Majid Ali * , Muhammad Ashraf Javid , Shaheed Ullah and Iqbal Ahmad

Department of Civil Engineering, Capital University of Science and Technology, Islamabad, 44000, Pakistan; ashraf.javid@cust.edu.pk (M.A.J.); shaheed.ullah@cust.edu.pk (S.U.); iqbalahmad@cust.edu.pk (I.A.)

* Correspondence: majid.ali@cust.edu.pk

[†] All papers published in the volume are presented at the 5th Conference on Sustainability in Civil Engineering, Online, 3 August 2023.

1. Conference Overview

The Conference on Sustainability in Civil Engineering (CSCE), 2023, was organized by the Department of Civil Engineering of the Capital University of Science and Technology (CUST), Islamabad, Pakistan. The conference is held annually with the main focus on highlighting the sustainability-related aspects of research in civil engineering. It aims to provide a platform for civil engineers, from academia as well as industry, to share their practical experiences and different research findings in their relevant specializations. The major topics include green construction materials and structures, construction management for sustainable development, and resilient infrastructure and environment. This conference provides a remarkable opportunity for the academic and industrial communities to address new challenges, share solutions, and discuss future research directions in the field of civil engineering. Participants have the opportunity to attend the keynote lectures related to various recent trends in research networks in civil engineering. The conference accommodates several parallel sessions related to different specialties (Figure 1), where the researchers and engineers interact and enhance their understanding of sustainability in the context of civil engineering.



Citation: Ali, M.; Javid, M.A.; Ullah, S.; Ahmad, I. Preface of the 5th Conference on Sustainability in Civil Engineering. *Eng. Proc.* **2023**, *44*, 9. <https://doi.org/10.3390/engproc2023044009>

Published: 23 August 2023



Copyright: © 2023 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<https://creativecommons.org/licenses/by/4.0/>).

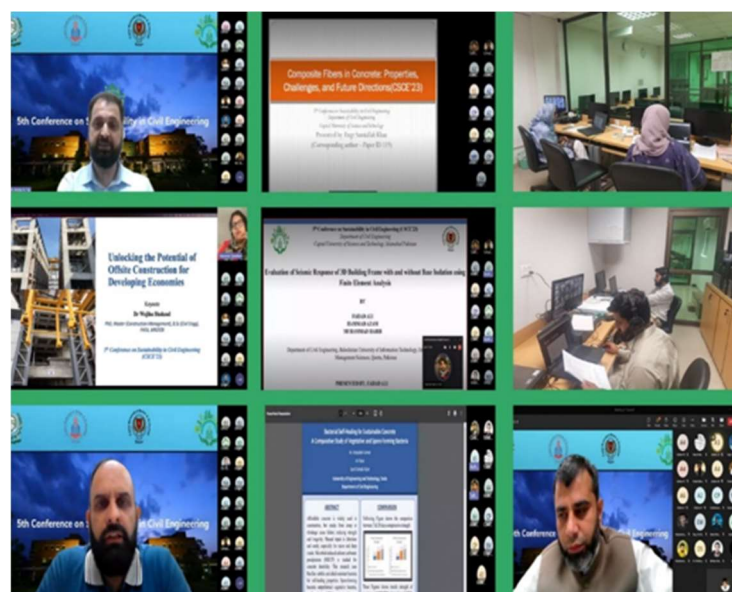


Figure 1. Different online sessions in the fifth edition of CSCE.

The fifth conference on sustainability in civil engineering was held on 3 August 2023. This year, we had nine wonderful and celebrated keynote speakers for this edition of the CSCE. We received 133 manuscripts from different countries around the world including UK, Ireland, Canada, Australia, Italy, Cyprus, China, Kazakhstan, Nigeria, Malaysia, KSA, and Pakistan. All papers underwent a comprehensive and critical double-blind review process. The review committee comprised 57 PhDs serving in industry and academia from the UK, Ireland, the USA, Australia, New Zealand, Singapore, Hong Kong, Poland, Italy, Chile, Malaysia, China, Oman, Bahrain, the KSA, and Pakistan. After the screening and review process, 56 papers were chosen for presentation at the conference.

We are grateful to all the reviewers and keynote speakers who have dedicated their precious time to share their expertise and experience. With this opportunity, we would also like to express our gratitude to everyone, especially all the faculty and staff at the Capital University of Science and Technology, for their great support and participation. In this regard, the participation and cooperation of all authors, presenters, and participants are also acknowledged, without whom this conference would not have been possible. Last but not least, we would like to express our appreciation to our advising and organizing committees, whose hard work and dedication have also made this day possible.

Majid Ali, Muhammad Ashraf Javid, Shaheed Ullah, and Iqbal Ahmad

2. About the Editors

- Majid Ali

Dr. Majid is currently working as a Professor at the Capital University of Science and Technology, Islamabad, Pakistan. He has over 19 years of rich teaching, research, and professional industry experience. He obtained his B.Sc. in Civil Engineering with a gold medal, his M.Sc. with the highest position from the University of Engineering and Technology, Taxila, and his Ph.D. with five impact factor journal publications from the University of Auckland, New Zealand. He has published a total of 176 publications, including 36 Impact Factor journal papers having a cumulative ISI impact factor of more than 220. Before joining academia, for ten years he worked as a Structural Design Engineer with NESPAK (one of the leading consultants in Pakistan). His research interests include construction materials, fiber composites, and earthquake-resistant design.

- Muhammad Ashraf Javid

Dr. Javid works as an Associate Professor at the Capital University of Science and Technology, Islamabad, Pakistan. He completed his B.Sc. in Civil Engineering and M.Sc. in Transportation Engineering from the University of Engineering and Technology, Lahore, Pakistan, and earned his Ph.D. in Civil Engineering from Yokohama National University, Japan. He has 16 years of teaching and research experience in the civil engineering field and has worked at both national and international universities. His research areas mainly include passenger travel behavior, transportation demand management policies, the interaction between public transport services and customers, shared mobility and economy, and traffic safety. He has published a total of 55 journal publications and 21 conference proceedings, and his cumulative publication ISI impact factor is more than 70.

- Iqbal Ahmad

Engr. Iqbal works as a lecturer at the Capital University of Science and Technology, Islamabad, Pakistan. He is a Structural Engineer with a Master's degree in Structural Engineering. He has more than 9 years of teaching and industry experience. His research themes include finite element modeling, engineering materials, and numerical analysis.

- Shaheed Ullah

Engr. Shaheed Ullah works as lecturer at the Capital University of Science and Technology, Islamabad, Pakistan. He completed his B.Sc. in Civil Engineering and M.Sc. in Structural Engineering at the UET Peshawar and MCE NUST Campus, Risalpur, respectively. He has five years of teaching experience and has research expertise in construction materials.

3. Technical Committee Members and Reviewers

Dr. Shunde Qin, Jacobs Sutton Coldfield, UK
Dr. Furqan Qamar, WSP, UK
Dr. Afaq Ahmed, University of Memphis, USA
Dr. Mohsin Shehzad, WSP, New Zealand
Dr. Claudio Oyarzo-Vera, UCSC College of Engineering, Chile
Dr. Munir Ahmed, DAR, KSA
Dr. Rabee Shamass, London South Bank University, UK
Dr. Mehran Khan, University College Dublin, Ireland
Dr. Piotr Smarzewski, Military University of Technology, Poland
Dr. Jincheng Liu, Nanyang Technological University, Singapore
Dr. Nicola Fontana, Universita Degli Studi del Sannio, Italy
Dr. Muhammad Shakeel, Hong Kong UST, Hong Kong
Dr. Anas Bin Ibrahim, MARA University of Technology, Malaysia
Dr. Noor Aina Misnon, Universiti Pertahanan Nasional, Malaysia
Dr. Li Li, Northwest A&F University, China
Dr. Mohsin Usman Qureshi, Sohar University, Oman
Dr. Umar Farooq, Islamic University of Madinah, KSA
Dr. Uneb Gazder, University of Bahrain, Bahrain
Dr. Irfan Yousuf, CC & EC, World Bank Group, Pakistan
Dr. Hassan Farooq, DD Consultancy Directorate, Pakistan
Dr. M Zia ur Rehman Hashmi, Global Change Impact Studies Centre, Pakistan
Dr. Hassan Nasir, WSSP, Peshawar, Pakistan
Dr. Shahid Nasir, FE Pvt. Ltd., Islamabad, Pakistan
Dr. Rao Arsalan Khushnood, Tunnelling Inst. of Pak. (TIP), Islamabad, Pakistan
Dr. Hammad Anis Khan, NUST, Islamabad, Pakistan
Dr. Imran Hashmi, NUST, Islamabad, Pakistan
Dr. Habib Ur Rehman, UET, Lahore, Pakistan
Dr. Noor Muhammad Khan, UET, Lahore, Pakistan
Dr. Ammad Hassan, UET, Lahore, Pakistan
Dr. Khurram Rashid, UET, Lahore, Pakistan
Dr. Qaisar Ali, UET, Peshawar, Pakistan
Dr. Amjad Naseer, UET, Peshawar, Pakistan
Dr. Ayub Elahi, UET, Taxila, Pakistan
Dr. Faisal Shabbir, UET, Taxila, Pakistan
Dr. Naveed Ahmad, (Transportation) UET, Taxila, Pakistan
Dr. Naveed Ahmad, (Geotech) UET, Taxila, Pakistan
Dr. Usman Ali Naem, UET, Taxila, Pakistan
Dr. Jawad Hussain, UET, Taxila, Pakistan
Dr. Faheem Butt, UET, Taxila, Pakistan
Dr. Irshad Qureshi, UET, Taxila, Pakistan
Dr. Muhammad Usman Arshid, UET, Taxila, Pakistan
Dr. Farrukh Arif, NED, Karachi, Pakistan
Dr. Tahir Mehmood, COMSATS, Wah, Pakistan
Dr. Ahsen Maqsoom, COMSATS, Wah, Pakistan
Dr. Hassan Ashraf, COMSATS Wah, Pakistan
Dr. Adnan Nawaz, COMSATS, Wah, Pakistan
Dr. Muhammad Faisal Javed, COMSATS, Abbottabad, Pakistan
Dr. Rashid Farooq, IIU, Islamabad, Pakistan
Dr. Zeeshan Alam, IIU, Islamabad, Pakistan
Dr. Mudasser Muneer Khan, BZU, Multan, Pakistan
Dr. M. Shoaib, BZU, Multan, Pakistan
Dr. Anwar Khitab, MUST, Pakistan, Pakistan
Dr. Salman Ali, Suhail University of Lahore, Pakistan

Dr. Shoukat Ali Khan, Abasyn, Peshawar, Pakistan
 Dr. Sabahat Hassan, HITEC University, Taxila, Pakistan
 Dr. Jehangir Durrani, Iqra National University, Peshawar, Pakistan
 Dr. Khursheed Ahmed, KIU, Gilgit, Pakistan

4. About the Keynote Speakers

Dr. Wajiha Shahzad Massey University, New Zealand	<i>Unlocking the Potential of Offsite Construction for Developing Economies</i>
Dr. Afaq Ahmed University of Memphis, USA	<i>State-of-the-Art Techniques for Structural Health Monitoring of Structures</i>
Dr. Hamza Farooq Gabriel NUST, Islamabad, Pakistan	<i>Sustainable Green Eco-Technologies for Wastewater Treatment</i>
Dr. Hossein Derakhshan QUT, Australia	<i>Seismic Vulnerability Assessment of Unreinforced Masonry Buildings</i>
Dr. Anwar Khitab MUST, Mirpur, Pakistan	<i>Carbon Storage in Building Materials for a Greener Future</i>
Dr. Imran Muhammad Massey University, New Zealand	<i>Prosperous Cities Transition—How Do Pakistani Cities Thrive in the Future by Adopting a Transit-Oriented Development (TOD) Model?</i>
Dr. Mizan Ahmed Curtin University, Australia	<i>Sustainable Use of High-Performance-Fiber-Reinforced Cementitious Composites</i>
Dr. Robert Evans Nottingham Trent University, UK	<i>The Use of Ground-Penetrating Radar (GPR) to Improve Sustainability in Pavement Engineering Projects</i>
Dr. Sajjala Sreedhar Reddy University of Nizwa, Oman	<i>Role of Civil Engineering in Sustainable Development</i>

5. About the Committees

Organizing Committee	Advisory Committee
Dr. Majid Ali Chair	Dr. M. Mansoor Ahmed (Vice-Chancellor CUST Islamabad) Patron
Dr. M. Ashraf Javid Co-Chair	Dr. Imtiaz Ahmed Taj (Dean Faculty of Engineering) General Advisor
Engr. Shaheed Ullah Conference Secretary-I	Dr. Ishtiaq Hassan (Head of Civil Engineering Department) Principle Advisor
Engr. Iqbal Ahmad Conference Secretary-II	

6. CSCE Industrial Partners for Its Fifth Edition



Global Climate Change Impact
Studies Centre



Engineering & Design
Consultants



City Engineering Consultants



MKAI Climate Consulting



ZAC Engineers



MARK Associates

Conflicts of Interest: The authors declare no conflict of interest.

Disclaimer/Publisher's Note: The statements, opinions and data contained in all publications are solely those of the individual author(s) and contributor(s) and not of MDPI and/or the editor(s). MDPI and/or the editor(s) disclaim responsibility for any injury to people or property resulting from any ideas, methods, instructions or products referred to in the content.