

10<sup>th</sup> International Civil Engineering Conference  
**Technological Transformation of Civil Engineering**  
 23 – 24 February 2019



Conference Programme

Day 1- Saturday, February 23, 2019			
	<b>Technical Session 1</b> Structural Engineering <b>IEP Convention Centre</b> <b>Session Chairs</b> Engr. Sartaj Ahmad Khan Engr. Khalil Ahmed Prof. Dr. Asad-ur-Rehman Khan	<b>Technical Session 2</b> Construction Engineering & Management <b>Engr. Asfia Aleem Hall</b> <b>Session Chairs</b> Engr. Bushra Nadeem Mufti Mr. Junaid Hamid Prof. Dr. Rizwan-ul-Haque Farooqui	<b>Technical Session 3</b> Transportation Engineering <b>Dr. S.A. Hassan Hall</b> <b>Session Chairs</b> Engr. Nooruddin Ahmed Engr. Asfia Aleem Prof. Dr. Adnan Qadir
11:45 am -12:10 pm	<b>Keynote</b> Mechanical performance and durability of recycled aggregates in ordinary and self-compacting concrete Saeed Kenai	<b>Invited Talk from Industry: 5D BIM and its Industry Applications</b> Engr. Ghulam Mujtaba Shaikh	<b>Invited Talk from Industry: Public Transport Scenario and Mass Transit Implementation in Karachi</b> Engr. Ashar Lodi
12:10 pm– 12:25 pm	<b>Effect of methylcellulose on different properties of fresh and hardened concrete</b> Zeeshan Ullah, Husnain Tariq But, Muhammad Saad, Muhammad Salman, Mustansar Hussain	<b>Comparison of physical attributes of real time project using BIM - A case study</b> Abdul Hannan Qureshi, Syed Wajhi U. H. Naqvi, Abdul Qadeer, Muhammad Kamran, Talha Bin Tahir	<b>Multi-criteria Decision Making in Urban System Traffic Evaluation</b> Malik Kamran Shakir, Dr Muhammad Bilal, Dr Nadeem Anwar Qureshi, Dr Arshad Hussain, Muhammad Adeel
12:25 pm – 12:40 pm	<b>Utilization of rubber powder of waste tyres in foam concrete</b> Imtiaz Ali Bhatti, Zahid Hussain Khaskhelli, Mouzzam Ali Lohar, Seengar Ali Mehrani	<b>Hazard identification in construction safety: A visualization-based approach</b> Ramsha Akram, Jamaluddin Thaheem, Shamraiza Khan	<b>Quantifying the factors for quality of pavement rehabilitation</b> Umair Imran, Muhammad Bilal Khurshid, Muhammad Jawed Iqbal
12:40 pm – 12:55 pm	<b>Investigation on selected properties of concrete blended with maize COB ash</b> Zubair Hussain Shaikh, Aneel Kumar, Manthar Ali Kerio, Naraindas Bheel, Ali Aizaz Dayo, Abdul Wahab Abro	<b>Challenges in wide-spread adoption &amp; implementation of infrastructure building information modelling (BIM) during infrastructure asset(s) lifecycle management</b> Syed Wajhi U. H. Naqvi, Abdul Hannan Qureshi, Muhammad Kamran, Abdul Qadeer, Talha Bin Tahir	<b>Potential of integrated bus rapid transit (BRT) System in motorcycle dominant cities</b> Syed Fazal Abbas Baqueri, Muhammad Adnan, Mir Shabbar
12:55 pm – 01:10 pm	<b>Shear Behavior of Recycled Aggregate Concrete Beams</b> Muhammad Saad Khan		
01:10 pm – 01:15 pm	<b>Discussions and Networking</b>	<b>Discussions and Networking</b>	<b>Discussions and Networking</b>
01:15 pm – 02:00 pm	<b>Lunch and Prayer Break</b>		

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	<p><b>Technical Session 4</b>                      Structural Engineering  <b>Engr. Asfia Aleem Hall</b>                      Session Chairs  <i>Engr. Asim Ali Tirmizi</i>  <i>Engr. Sadaf Fatima</i>  <i>Dr. Tehmina Ayub</i></p>	<p><b>Technical Session 5</b>                      Construction Engineering &amp; Management  <b>IEP Convention Centre</b>                      Session Chairs  <i>Engr. Ashkar Dawar</i>  <i>Engr. Rukhsana Rahooja</i>  <i>Engr. Asif Abbasi</i></p>
02:00 pm – 02:25 pm	<p><b>Invited talk from Industry: Earthquake Engineering Design Practice in Pakistan</b>  <i>Engr. Dr. Abul Khair Masroor</i></p>	<p><b>Invited Paper from Industry: Reasons and Remedies for Time and Cost Overruns on Construction Projects - A Live Case Study</b>  <i>Engr. Rehan ul Ambia Riaz</i></p>
02:25 pm – 02:40 pm	<p><b>Codes comparison for the seismic response of SMRF A case study of Quetta Balochistan</b>  <i>Naik Muhammad, Muddassir Ahmed Khan, Nisar Ahmed, Muhammad Idress, Shafiullah, Aimal khan, Danish Haider, Muhammad Habib, Zafar Baloch, Saeed Ullah Jan Mandokhail</i></p>	<p><b>A study on the impact of leadership styles on employee motivation in construction projects of Lahore</b>  <i>Muhammad Saad, Zeeshan Ullah, Shahid Iqbal, Mustansar Hussain, Muhammad Salman</i></p>
02:40 pm – 02:55 pm	<p><b>Seismic performance analysis of an irregular existing building using the future seismic code RPA 2018 and nonlinear dynamic analysis</b>  <i>Youcef Mehani, Abderrahmane Kibboua, Benazouz Chikh, Mustapha Remki</i></p>	<p><b>Impact of China Pakistan Economic Corridor (CPEC) on supply and demand of construction materials</b>  <i>Zeeshan Ullah, Muhammad Salman, Husnain Tariq But, Muhammad Saad, Mustansar Hussain</i></p>
02:55 pm – 03:10 pm	<p><b>Dynamic response analysis of submerged floating tunnel under waves and earthquakes</b>  <i>Naik Muhammad, Zafar Baloch, Muhammad Habib, Saeed Ullah Jan, Azamatulla Khan</i></p>	<p><b>Analysis of key factors affecting labor productivity in general construction projects in Pakistan</b>  <i>Muhammad Taha Jawed, Syed Rafay Ali Bukhari</i></p>
03:10 pm – 03:30 pm	<b>Discussions and Networking</b>	<b>Discussions and Networking</b>
03:30 pm – 03:45 pm	<b>Tea Break</b>	

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	<p><b>Technical Session 6</b>                      Geotechnical Engineering                      3:45 pm to 5:00 pm  <b>Dr. S.A. Hassan Hall</b>                      Session Chairs  <i>Engr. Farooq Fazal</i>  <i>Dr. Saeedullah Jan Mandokhail</i>  <i>Prof. Dr. Abdul Samad Khan</i></p>	<p><b>Technical Session 7</b>                      Water Resource Engineering                      3:45 pm to 5:00 pm  <b>Engr. Asfia Aleem Hall</b>                      Session Chairs  <i>Engr. Khalid Mirza</i>  <i>Engr. Ahsan Siddiqui</i>  <i>Prof. Dr. Syed Imran Ahmed</i></p>
03:45 pm – 04:10 pm	<p><b>Invited talk from Industry: The state-of-the-art of Geotechnical Engineering Practice in Pakistan</b>  <i>Engr. Al-Kazim Mansoor</i></p>	<p><b>Invited talk from Industry: Water Issues in Karachi</b>  <i>Bashir Lakhani</i></p>
04:10 pm– 04:25 pm	<p><b>The effect of soil reinforcement with crumb tyre rubber on the strength of Silty Sand</b>  <i>Khawar Khalid, Zaheer Ahmed Almani, Aneel Kumar, Sarfraz Ali Abro</i></p>	<p><b>River flow forecasting using artificial neural network and distributed hydrological modelling</b>  <i>Rayyan Arif Ahmed, Moid Zaffar</i></p>
04:25 pm – 04:40 pm	<p><b>Geotechnical properties of marble slurry waste</b>  <i>Shaukat Ali Khan , Mohammad Tufail</i></p>	<p><b>Comparison of narrow bed and wide bed irrigation systems in perspective of water saving and crop yield for cotton crop</b>  <i>Muhammad Saleem Raza, Danish Kumar, Shafqat Majeed, Munsif-ul-Haq, Adeel Murtaza</i></p>
04:40 pm – 05:00 pm	<p><b>Discussions and Networking</b></p>	<p><b>Discussions and Networking</b></p>

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<b>Day 2- Sunday, February 24, 2019</b>		
	<p><b>Technical Session 8</b>                      Structural Engineering  <b>Engr. Asfia Aleem Hall</b>                      Session Chairs                      Engr. Mukesh Kumar                      Engr. Jawed Ali Rizvi                      Dr. Shoaib Haroon Ahmad</p>	<p><b>Technical Session 9</b>                      Construction Engineering &amp; Management  <b>IEP Convention Centre</b>                      Session Chairs                      Engr. Payam ul Haq Siddiqi                      Engr. Saleem Latif                      Prof. Dr. Muhammad Mehboob</p>
<b>10:00 am to 10:25 am</b>	<b>Invited talk from Industry by Mir Salman Ahmad</b>	<b>Invited talk from Industry by Engr. Arif-ul-Islam</b>
<b>10:25 am to 10:40 am</b>	<p><b>Artificial lightweight aggregate production through cold bonded pelletization using industrial by-products</b>  <i>Munib Ul Rehman, Khuram Rashid</i></p>	<p><b>Potential drivers for adoption of green procurement in construction industry</b>  <i>Ali Arsal, Aftab Hameed Memon, Nafees Ahmed Memon, Muhammad Akram Akhund, Ali Raza Khoso</i></p>
<b>10:40 am to 10:55 am</b>	<p><b>Seismic characterization of Peshawar region using Ambient Noise</b>  <i>Syed Waqar Younas, Shahid Ullah, Tawqeer Alam</i></p>	<p><b>Factors affecting selection of procurement method in public sector construction projects</b>  <i>Izhar Hussain Bhutto, Nafees Ahmed Memon, Ali Raza Khoso, Muhammad Aslam Leghari, Shabir Hussain Khahro</i></p>
<b>10:55 am to 11:10 am</b>	<p><b>Compressive membrane action (CMA) and its application to structures</b>  <i>Nabeel Anis Khan</i></p>	<p><b>Adoptation and perception of unmanned aerial vehicle in the construction industry</b>  <i>Syed Abdullah Shah Hashmi, Shakeel Ahmed, Ehsanullah Kakar, Salah Uddin, Abdul Majeed</i></p>
<b>11:10 am to 11:25 am</b>	<p><b>Analysis of settlement-induced building damage using damage surveys: A case study in Islamabad, Pakistan</b>  <i>Muhammad Abdus Salaam, Shaukat Ali Khan, Adhban Omar Ahmed Farea</i></p>	<b>Discussions and Networking</b>
<b>11:25 am to 11:30 am</b>	<b>Discussions and Networking</b>	<b>Discussions and Networking</b>