

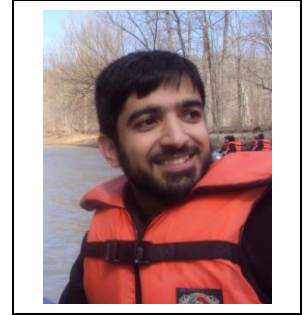
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Area of Interest: Earthquake Engg. Bridge Engg. Finite Element Modeling. Static & Dynamic Analysis of Structures. Design of Steel, Pre-Stressed, RCC.

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Publication:

1. Zeeshan Ahmad, Khan Shahzada, Bora Gencturk, Akhtar Naeem Khan, Rashid Rehan, Muhammad Fahad, Muhammad Ashraf, Zaigham Ali , "Seismic Capacity Assessment of Unreinforced Concrete Block Masonry Buildings in Pakistan Before and After Retrofitting."
2. Khan Shahzada, Akhtar Naeem Khan, Sheng-Lin Lin, Amjad Naseer, Muhammad Javed, Muhammad Fahad, "Seismic Hazard Assessment of Abbottabad City."
3. Khan Shahzada, Bora Gencturk, Akhtar Naeem Khan, Amjad Naseer, Muhammad Javed, Muhammad Fahad, "Vulnerability Assessment of Typical Building in Pakistan."
4. Muhammad Abid Khan, Khan Shahzada, Bashir Alam, Muhammad Fahad, Akhtar Naeem Khan, Muhammad Javed, Kaffayatullah Khan, Hassan Khan, "Slope Stability hazard evaluation and mitigation scheme for Charra slide zone, district Battagram."
5. Muhammad Abid, Khan Shahzada, Muhammad Fahad, Mujahid Khan, Khan Zeb "Development of Seismic Hazard Map for Shigo Kas Hydropower Project Area Considering Local Site Effects."
6. Sabaa Shoaib, Liaqat A. Qureshi, Muhammad Fahad "Development of Live Load Calibration Factor for State Highway Bridge Design of Pakistan"
7. Fasih Ahmed Khan, Muhammad Fahad, Khan Shahzada, Haris Alam, Naveed Ali "Utilization of waste glass powder as a partial replacement of cement in concrete"
8. Hafiz Ullah, Muhammad Fahad, Khan Shahzada, Faizan Akbar "Calibration factors for aashto lrd and pakistan code of practice for highway bridges based on statistically analyzed wim loads"
9. Haris Alam, Muhammad Fahad, Khan Shahzada, Naveed Ali, Fasih Ahmed Khan "Seismic response of base isolated structure versus fixed based structure during strong ground motions"
10. Technical Report UB SEESL May 2010, "Seismic Qualification testing of ABB 550kV Condenser Bushing"

11. Technical Report UB SEESL Dec 2009, "Seismic Qualification testing of AREVA Current Transformer"
12. Technical Report UB SEESL Dec 2009, "Seismic Qualification testing of ABB Circuit breaker"
13. 2010 Structural Congress © 2010 ASCE, "Modeling combined friction-viscous damping in response of hollow core composite insulators"
14. International Conference on advances in civil engineering (ACE-2011), "Vulnerability assessment of typical buildings in Pakistan"
15. Advanced material research Vol. 255-260. Khan Shahzada, Tetsuro Goto, Akhtar Naeem Khan, Amjad Naseer, Muhammad Fahad "improvement of Mechanical properties and lateral resistance of brick masonry walls by using indigenous materials"
16. Muhammad Ejaz Shabab · Khan Shahzada · Bora Gencturk · Muhammad Ashraf · Muhammad Fahad "Synergistic Effect of Fly Ash and Bentonite as Partial Replacement of Cement in Mass Concrete"
17. Abdul Sadiq · Khan Shahzada · Muhammad Fahad "Seismic Capacity Assessment of Hollow Concrete Block Masonry Buildings"
18. Zeeshan Ahmad · Khan Shahzada · Bora Gencturk · Akhtar Naeem Khan · Rashid Rehan · Muhammad Fahad · Muhammad Ashraf · Zaigham Ali "Seismic Capacity Assessment of Unreinforced Concrete Block Masonry Buildings in Pakistan Before and After Retrofitting"
19. MUHAMMAD EJAZ SHABAB · KHAN SHAHZADA · MUHAMMAD ASHRAF · MUHAMMAD FAHAD "Effect of mineral admixtures on the properties of mass concrete - A review"
20. Muneeb Ullah Khan · Muhammad Fahad · Khan Shahzada "Shear Capacity Assessment of Reinforced Concrete Beams Using Swimmer Bars as Shear Reinforcement"
21. Salman Afzal · Khan Shahzada · Muhammad Fahad · Salman Saeed · Muhammad Ashraf Tanoli "Assessment of early-age autogenous shrinkage strains in concrete using bentonite clay as internal curing technique"
22. Suleman Daud · Khan Shahzada · M Fahad · M Shoaib · Azmat Ullah "Impact of sedimentation by across the stream hydraulic structures on human life"
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