



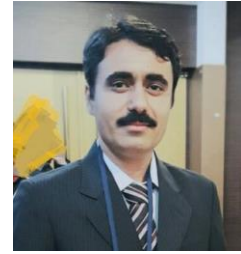
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Designation		Assistant Professor		
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Faculty		Engineering and Architecture		
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Qualification				
Year	Degree/Certificate	Name of the Institute/ University	Field of study	
2017	PhD	Hanyang University, South Korea	Civil Engineering (Majoring in Geotechnical Engineering)	
2011	MS/ Mphil	NED University, Karachi	Civil Engineering (Majoring in Geotechnical Engineering)	
2007	Graduation	BUET, Khuzdar	Civil Engineering	
Publications in HEC Recognized journals				
S. No	Title of Paper	Name of Journal	National/ International	Publication date
01	Development of normalized liquefaction resistance curve for clean sands	Bulletin of Earthquake Engineering	International	2017
02	Supplementing VS30 with H/V Spectral Ratios for Predicting Site Effects	Bulletin of the Seismological Society of America	International	Under review
03	Cyclic simple shear test based design liquefaction resistance curve of granular soil	Journal of the Korean Geotechnical Society	Korean Domestic	2016
04	Evaluation of vertical bearing capacity of bucket foundations in layered soil by using finite element analysis	Journal of the Korean Geotechnical Society 2016	Korean Domestic	2016
05	Spudcan design under combined load in southwestern sea of korea	Journal of the Korean Geo-Environmental Society	Korean Domestic	2016
Paper Presented				

S. No	Title of Paper		Name of Conference	National/ International	Date
01	Effect of spatial variability of shear wave velocity on seismic response of soil deposits		The 5th Asia Conference on Earthquake Engineering, Taipei, Taiwan	International	2014
02	CRR versus N curve for liquefaction assessment of clean sands		3rd International Conference on Performance-based Design in Earthquake Geotechnical Engineering (PBD-III)	International	Accepted, Will be presented in September 2017
Books Authored/ Edited					
S. No	Name of book			Publisher	ISBN
Work Experience					
S. No	From (year)	To (year)	Name of the Institution/ Organization	Position held	
01	2012	To date	BUIITEMS, Quetta	Assistant Professor	
02	2009	2012	Department of Local Government Baluchistan, Pakistan	Assistant Engineer	
03	2008	2009	PIDS (Participatory Integrated Development Society), NGO	Senior Engineer	
Area of specialization			Geotechnical Earthquake Engineering		
Research Interest			1) Soil dynamics and earthquake engineering, 2) Soil-structure interaction, 3) fundamental soil mechanics, 4) soil characterization via waves		
Future Research Plans			Development of design response spectra for Quetta city and other important cities of Pakistan incorporating updated techniques, development of data base (Soil characteristics , SPT, CPT and Vs profiles) for important cities of Pakistan including Quetta, Development of new algorithms for liquefaction assessment, probabilistic seismic hazard analysis and generation of synthetic ground motions, elastic and electrical resistivity wave based soil characterization, micro-scale particle-fluid interaction modeling, and multi-scale modeling of soils.		
HEC Approved supervisor			Applied for		
If Yes, provide HEC URL			<i>e.g.</i> http://sc.hec.gov.pk/aphds/		
Research grants/ Projects					
Additional Information					

