



Dr. Zaheer Abbas KAZMI

ASSISTANT PROFESSOR

Personal Data

Nationality	Pakistan
Date of Birth	April 21, 1982
Department	Construction Engineering
Official UoD Email	zakazmi@uod.edu.sa
Office Phone No.	

Language Proficiency

Language	Read	Write	Speak
Arabic	✓	✓	
English	✓	✓	✓
Japanese	✓		✓
Urdu	✓	✓	✓

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
Sep., 2013	Ph.D. in Civil Engineering	University of Tokyo	Tokyo, Japan
Sep., 2009	M. Sc. in Civil Engineering	University of Tokyo	Tokyo, Japan
Jan., 2006	B. Sc. In Civil Engineering	UET Lahore	Lahore, Pakistan

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	Extraction of Lagrangian ground displacements and subsurface seismic stress changes for rational earthquake disaster mitigation
Master	Physical and numerical study of debris flows from dolomite slopes exposed in the 2005 Kashmir earthquake, Pakistan

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Assistant Professor	University of Dammam	Dammam, Kingdom of Saudi Arabia	Oct. 2014 to date
Assistant Professor	COMSATS Institute of Information Technology	Wah, Pakistan	Oct. 2013 to Sep. 2014
Senior Design Engineer	National Engineering Services Pvt. Ltd., Pakistan (NESPAK)	Lahore, Pakistan	Oct. 2009 to Sep. 2010
Junior Design Engineer	National Engineering Services Pvt. Ltd., Pakistan (NESPAK)	Lahore, Pakistan	April. 2006 to Sep. 2007



Engineer/Coordinator	Mobilink Pakistan	Lahore, Pakistan	Dec. 2005 – Mar. 2006
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Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Head	Quality and Accreditation Unit, Construction Engineering Department College of Engineering, UoD, KSA	2015 to Date
Coordinator	Quality and Accreditation Unit, College of Engineering, UoD, KSA	2015-2016

Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Z. A. Kazmi, K. Konagai and T. Ikeda	Field Measurements and Numerical Simulation of Debris Flows from Dolomite Slops Destabilized during the 2005 Kashmir Earthquake	2014, Journal of Earthquake Engineering, volume 18, issue 3, pp 364-388
2	Z. A. Kazmi and K. Konagai	Triggering Mechanism of Earthquake Induced Landslides	2014, Landslide Science for a Safer Geo-Environment, Vol. 3, Springer International Publishing, DOI 10.1007/978-3-319-04996-0_35
3	Z. A. Kazmi, K. Konagai, H. Sekiguchi and T. Fujita	Extracting Earthquake Induced Lagrangian Ground Displacement and their Implication for Source Inversion Analysis	2013, Soil Dynamics and Earthquake Engineering, volume 48, pp 198-208
4	Z. A. Kazmi and K. Konagai	Contribution of internal deformation of earth's crust in triggering earthquake induced disasters	2013, Bulletin of Earthquake Resistant Structure Research Center, No. 46, pp. 43-52
5	Z. A. Kazmi, K. Konagai, H. Kyokawa and C. Tetik	Surface Rupture of the Normal Seismic Faults and Slope Failures appeared in April 11th, 2011 Fukushima-Prefecture Hamadoori Earthquake	2012, JSCE Journal of Earthquake Engineering, volume 68(4), pp. I_1285 – I_1292.
6	K. Konagai, Z. A. Kazmi and Y. Zhao	Extracting Earthquake Induced Coherent Soil Mass Movements	2012, Earthquake Research and Analysis - New Frontiers in Seismology. Intech Publisher ISBN: 978-953-307-840-3, DOI: 10.5772/30822
7	T. Kiyota, K. Konagai, A. Sattar, Z. A. Kazmi, D. Okuno, T. Ikeda	Breaching failure of a huge landslide dam formed by 2005 Kashmir earthquake	2011, Soils and Foundations, Vol. 51 No. 6 pp. 1181-1192.
8	A. Sattar, K. Konagai, T. Ikeda, T. Kiyota, Z.A. Kazmi, M. Koike	A quantitative approach to assess landform changes of Hattian Ballah Landslide Dam formed by the Kashmir Earthquake	2009, Bulletin of Earthquake Resistant Structure Research Center, No. 42, pp. 3-16



9	Z. A. Kazmi, K. Konagai, T. Ikeda, T. Kiyota, K. Kondo and A. Sattar	Slope failure induced debris flow hazards in the October 8, 2005, Kashmir Earthquake	2009, Bulletin of Earthquake Resistant Structure Research Center, No. 42, pp. 17-31
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Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date
10	K. Konagai & Z. A. Kazmi	Co-seismic Stress Changes and Damage to Tunnels in the October 23, 2004 Mid-Niigata Prefecture Earthquake	Canadian Journal of Geotechnical Engineering	In Process

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
11	Z. A. Kazmi, M. Irfan and T. Ahmed	Seismic vulnerability evaluation of non-engineered structures in Pakistan – A statistical approach based on cumulative opinion of professionals	10th International Conference on Urban Earthquake Engineering, Tokyo, Japan., PP 1795-1801, (2013)
12	Z. A. Kazmi, K. Konagai and t. Ikeda	Physical and Numerical Study of Debris Flow from Dolomite Slopes Exposed in 2005 Kashmir Earthquake, Pakistan	15th World Conference on Earthquake Engineering, Lisbon, Portugal; Paper Number 0998 (2012)
13	Z. A. Kazmi, and K. Konagai	Three Dimensional Co-seismic Surface Tectonic Displacement of 2004 Mid-Niigata Prefecture	32nd Conference on Earthquake Engineering, JSCE, Tokyo, Japan. Paper No. 01-255 (2012)
14	H. Kyokawa, K. Konagai, T. Kiyota and Z. A. Kazmi	LiDAR Measurement of the Breached Earth-fill Dam in the March 11th Great East Japan Earthquake	International Symposium on Engineering Lessons Learned from the 2011 Great East Japan Earthquake, Tokyo, Japan. pp. 973-980 (2012)
15	Z. A. Kazmi, K. Konagai, H. Kyokawa and C. Tetik	Surface Rupture of the Normal Seismic Faults and Slope Failures appeared in April 11th, 2011 Fukushima-Prefecture Hamadoori Earthquake	31st Conference on Earthquake Engineering, JSCE, Paper No 6-036 (2011)
16	Z. A. Kazmi, K. Konagai, T. Ikeda and A. Sattar	Calibrating Debris Flow Numerical Simulation Parameters for Proper Disaster Mitigation Strategy -Case Study of Debris Flow in Muzaffarabad	13th Japan Earthquake Engineering Symposium. pp. 2072, 2079 (2010)
17	H. Kyokawa, K. Konagai, T. Kiyota and Z. A. Kazmi	LiDAR Measurement of the Breached Earth-fill Dam in the March 11th Great East Japan Earthquake	International Symposium on Engineering Lessons Learned from the 2011 Great East Japan Earthquake, Tokyo, Japan. pp. 973-980 (2012)

Current Researches

#	Research Title	Name of Investigator(s)
1	Improvement of Saudi Arabian Sand with Environmental Friendly Additives	Zaheer Abbas Kazmi (PI), Muhammad Arif Aziz (Co-PI)



Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	10th International Conference on Urban Earthquake Engineering	Tokyo, Japan (March 1-3, 2013)	Presentation
2	32nd Conference on Earthquake Engineering, JSCE	Tokyo, Japan (Oct. 2-3, 2012)	Presentation
3	15th World Conference on Earthquake Engineering	Lisbon, Portugal (Sep. 24-28, 2012)	Presentation
4	International Symposium on Engineering Lessons Learned from the 2011 Great East Japan Earthquake	Tokyo, Japan (March 1-4, 2012)	Presentation
5	13th Japan Earthquake Engineering Symposium	Tsukuba, Japan (2010)	Presentation

Membership of Scientific and Professional Societies and Organizations

- Pakistan Engineering Council (PEC)
- Japanese Society of Civil Engineering (JSCE)

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Fundamentals of Soil Mechanics	CONEN 431	Main Instructor
2	Transportation Engineering	CONEN 442	Main Instructor
3	Geology	GEOL 312	Main Instructor
4	Advanced Topics in Foundation Engineering	CONEN 593	Main Instructor
5	Geotechnical Engineering	ENG 352	Main Instructor
6	Topics in Structural Analysis	CONEN 573	Main Instructor
7	Foundation Engineering	CEE 209	Main Instructor
8	Soil Mechanics	CEE 204	Main Instructor

Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

1	Provided above
2	



Student Academic Supervision and Mentoring

#	Level	Number of Students	From	to
1	Undergraduate	05	2013	2014
2	Undergraduate	02	2014	2015
3	Undergraduate	03	2015	2016
4	Undergraduate	02	2016	2017

Ongoing Research Supervision

#	Degree Type	Title	Institution	Date
1	Undergraduate	To investigate effect of light weight concrete on foundation system constructed on problematic (reclaimed) soil of KSA	UoD, KSA	2016

Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

Administrative Responsibilities

#	From	To	Position	Organization
1	2015	Date	Head, Quality and Accreditation Unit, Construction Engineering Department, College of Engineering	UoD, KSA
2	2015	2016	Coordinator, ABET Technical Committee, College of Engineering	UoD, KSA
3	2016	Date	Department Representative, Alumni Committee, College of Engineering	UoD, KSA

Committee Membership

#	From	To	Position	Organization
1	2016	Date	Head, Quality and Accreditation Committee of Construction Engineering Department	UoD, KSA
2	2015	Date	Member ABET Technical Committee for College of Engineering	UoD, KSA
3	2016	Date	Member, Advisory Board for Construction Engineering Department, College of Engineering	UoD, KSA
4	2015	Date	Member, University Education Improvement Committee, College of Engineering	UoD, KSA
5	2015	Date	Member, Strategic Planning Committee, College of Engineering.	UoD, KSA
6	2016	Date	Member Alumni Committee, College of Engineering	UoD, KSA



Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

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| 1 | Professionally expert in SAP 2000, E-TABS, SAFE, STAAD Pro, AutoCAD, MS Office, Quantum GIS, MATLAB, Mathematica, Visual Fortran, and many other languages and commercial software |
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Last Update

09/11/2016