

Mohammad Ali Mosaberpanah



Birth: 29 April 1985, Iran

Material Status: Engaged

Civil Engineering Dep, EMU

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EDUCATION:

- ❖ PhD Student, Civil Engineering, Eastern Mediterranean University, Famagusta, Cyprus, CGPA:**3.81/4.00** (01/10/2011-01/07/2016).
 - ❖ M.Sc. Civil Engineering (Road and Traffic), Science and Research University, Tehran, Iran CGPA:**3.20/4.00** (01/10/2007-29/09/2009).
 - ❖ B.Sc. Civil Engineering, Islamic Azad University, Tehran, Iran, CGPA:**3.00/4.00** (01/10/2003-29/09/2007).
 - ❖ Pre-University and High school, Allameh School, Tehran, Iran CGPA:**3.40/4.00** (01/10/2000-29/09/2003).
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Conference Papers

- ❖ **Mosaberpanah, M. A.** and Khales, S. (2012) The Role of Transportation in Sustainable Development. ICSDEC 2012: pp. 441-448. doi: 10.1061/9780784412688.053
 - ❖ **Mosaberpanah, M. A.** and Eren, O. (2015) Effect of Density on compressive strength of Ultra High Performance fiber reinforced Concrete (UHPRFC) using design of experiment. Proceeding publication of 22nd Concrete Days 2015, Czech
 - ❖ **Mosaberpanah, M. A.,** & Eren, O. (2016). Relationship between 28-days Compressive Strength and Compression Toughness Factor of Ultra High Performance Concrete Using Design of Experiments. *Procedia Engineering*, 145, 1565-1571.
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ISI Journal paper

- ❖ **Mosaberpanah, M. A.** and Eren, O. (2016) Statistical Flexural toughness modeling of Ultra High Performance Concrete using response surface. *Computers and concrete, international journal*.
 - ❖ **Mosaberpanah, M. A.** and Eren, O. (2016) CO₂-Full Factorial Optimization of Ultra-High Performance Concrete Mix Design. *European Journal of Civil and Environmental Engineering*.
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Under Review Papers

- ❖ **Mosaberpanah, M. A.** and Eren, O. (Under Review since 01, December, 2015) Statistical models for mechanical properties of UHPC using response surface methodology.
 - ❖ **Mosaberpanah, M. A.** and Eren, O. (Under Review since 07, January, 2016) Effect of Quartz Powder, Quartz Sand and Curing on Mechanical Properties of Ultra High Performance Concrete using Response surface modelling.
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TEACHING EXPERIENCE:

Instructor:

❖ Statics	07/2008-06/2010	Sama University, Iran
❖ Transportation Engineering	07/2008-06/2012	Azad Chaloos University, Iran
❖ Traffic Engineering	07/2008-06/2012	Azad Chaloos University, Iran
❖ Geometric Design	07/2008-06/2011	Azad Chaloos University, Iran
❖ Pavement Engineering	07/2010-03/2011	Azad Chaloos University, Iran
❖ Meter and Analysis	07/2008-06/2012	Azad Chaloos University, Iran
❖ Materials of construction	02/2015-08/2012	Eastern Mediterranean University

Teaching Assistant:

❖ Material Science	12/2012-04/2013	Eastern Mediterranean University
❖ Surveying	07/2012-04/2013	Eastern Mediterranean University
❖ Public Urban Transport	07/2012-12/2012	Eastern Mediterranean University
❖ Materials of Construction	12/2012- Now	Eastern Mediterranean University
❖ Repair of Concrete	12/2012- Now	Eastern Mediterranean University
❖ Transportation Engineering	07/2012-12/2012	Eastern Mediterranean University

RESEARCH EXPERIENCE

Research assistant in Concrete Laboratories, Civil Engineering Department at EMU

- ❖ Using with Ferro-scan apparatus for crack distinguish
 - ❖ Influence of Expanded Polystyrene On Lightweight Concrete
 - ❖ Determination The Effect of Water Content on the Strength and Water Absorption of Concrete
 - ❖ Evaluation of high-strength concrete properties by adding silica fume and different water cement ratio
 - ❖ Assessment of the pozzolanic materials influence on low-strength light weight concrete
 - ❖ An experimental research on the effect of water content and properties of concrete pavement Materials
 - ❖ Search about Ultra high performance concrete
 - ❖ Statistic models
 - ❖ Using surveying materials
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RESEARCH INTERESTING

- ❖ Methods of Self-healing Concrete

- ❖ Sustainable development in Roads and structures
 - ❖ Finite element analysis
 - ❖ Rigid Pavement
 - ❖ Ultra high performance concrete
 - ❖ Waste aggregate material
 - ❖ Statistic models
 - ❖ High strength concrete
 - ❖ SCC concrete
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SKILLS

- ❖ Computer Skills: Graph pad, Mathematica, AUTOCAD, 3D Max, Design Expert, Minitab, JMP, ETABS, SAFE, SAP2000, MICROSOFT OFFICE, WEB DESIGNING.
- ❖ Language: Persian (fluent), English (Very good), Turkish (beginner level), Germany (beginner level)