

DR. Ramazan Demirboga

Professor, Civil Engineering Dept., King Abdulaziz University

Education

<i>Degree</i>	<i>Field</i>	<i>Institution</i>	<i>Year</i>
PhD	Civil Engineering	Ataturk University, Turkey	1999
MS	Structural Engineering	Dumlupinar University, Turkey	1995
BS	Civil Engineering	Middle East Technical University, Turkey	1992

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title (Chair, Coordinator, etc.)</i>	<i>Full or Part Time</i>
2013	Present	King Abdulaziz Univ.	Prof.		Full Time
2010	2013	University Putra Malaysia.	Prof.		Full Time
2010	2010	Ataturk University in Turkey	Prof.		Full Time
2004	2010	Ataturk University in Turkey	Associate. Prof.		Full Time
2001	2004	Ataturk University in Turkey	Assistant Prof.		Full time
2003		Ohio state University, USA	Visiting scholar		Full Time

Non Academic Industrial Experience (including Consultations)

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position Description (Brief)</i>	<i>Full or Part Time</i>
2001	2010	Assessed and rehabilitated many structures in Turkey	Consultant		Part Time

Funded Research Projects and Patents from the Past Five Years

I have completed more than 20 founded research projects.

Certifications and Professional Registrations

Registered Professional Engineer in Turkey

Current Membership in Professional Societies and Organizations

	<i>Society/organization</i>	<i>Rank</i>	<i>Member Since</i>
1.	Union of chamber of Turkish Engineering architects – chamber of civil engineers Engineers	Senior Member	1995
2.	Malaysian Society for Engineering & Technology	Member	2010

Honors and Awards

1. Publication Incentive Award by Incentive Program for International Scientific Publications, from 2002 to 2013, The Scientific and Technological Research Council of Turkey (more than 20 times).
2. Ataturk University Engineering faculty award in 2014, Turkey.
3. Ataturk University distinguished scholar award, “in reorganization of extraordinary accomplishment in research, in 2014.

Institutional and Professional Services (*administration, committees, units, etc.*)

1. Member of Civil Engineering Department ABET Committee, KAU, 2013- present.

Principal Publications/Presentations from the Past Five Years

I have published around hundred (100) papers; some papers published in 2013 only are given below.

ISI-Journals Publication

In 2013

- 1- **Demirboga R.**, Kan A., Design of specific gravity factor of artificial lightweight aggregate, *Indian Journal of Engineering & Materials Sciences Vol. 20, April 2013, pp. 139-144.*
- 2- Hassan Noorvand, Abang Abdullah Abang Ali, **Ramazan Demirboga**, Nima Farzadnia, and Hossein Noorvand, Incorporation of nano TiO₂ in Rice Husk Ash Mortars, Construction and building material, IF:1.8, *Volume 47, October 2013, Pages 1350-1361.*
- 3- Nima Farzadnia, A. A. A. Ali, **R. Demirboga**, M.P.Anwar, Characterization of high strength mortars with nano Titania *Construction and Building Materials 43 (2013) 469–479.*
- 4- Hossein Noorvand, A. A. A. Ali, **R. Demirboga**, Nima Farzadnia, Hassan Noorvand Physical and chemical characteristics of unground palm oil fuel ash cement mortars with nanosilica. *Construction and Building Materials, [Volume 48](#), November 2013, Pages 1104–1113*
- 5- Nima Farzadnia, A. A. A. Ali, **R. Demirboga**, M.P.Anwar, Effect of haolloysite nano clay on mechanical properties, thermal behavior and and micro structure of cement mortars, *Cement and Concrete Research 48 (2013) 97–104, IF:2.78*
- 6- F. Karagol, **Demirboga R.**, Polat R. and Kaygusuz M.A. The influence of calcium nitrate as antifreeze admixture on the compressive strength of concrete exposed to freezing weather, *Cold Regions Science and Technology 89 (2013) 30-35.*
- 7- Yadollahi, M.M., Karagöl, F., Kaygusuz, M.A., Polat, **R., Demirboğa, R.** "Safety Factor Determining for Space Trusses by Nonlinear Analysis and Artificial Neural Network Method", *Science and Engineering of Composite Materials*, vol.0, issue.0, pages1-8, Feb-2013.
- 8- **Demirboga R.**, Kaygusuz M.A. and Polat R., Effect of GFRP and epoxy injection on compressive strength of elevated temperature damaged concrete, *Fire and Materials, 37:100–113, 2013.*
- 9- Nima Farzadnia, A. A. A. Ali, **R. Demirboga**, , Characterization of high strength mortars with nano Alumina, *Cement concrete Research, [Volume 54](#), December 2013, Pages 43–54.*

Recent Professional Development Activities (*Workshops, training, etc.*)

1. Advanced Concrete Technology Workshop, Keynote speaker, 16-17 April, 2013, Putrajaya, Malaysia.
2. AAU/ASU Newcomers Workshop.
3. AAU/ASU Workshops.