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Education

Degree	Field	Institution	Year
PhD	Civil Engineering	Atatutrk University, Turkey	1999
MS	Structural Engineering	Dumlupinar University, Turkey	1995
BS	Civil Engineering	Middle East Technical University, Turkey	1992

Academic Experience

From	To	Institution	Rank	Title (Chair, Coordinator, etc.)	Full or Part Time
2016	present	Alfaisal University	Prof.		Full time
2013	2016	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	2004	Ohio state University, USA	Visiting scholar		Full Time

Non Academic Industrial Experience (including Consultations)

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

Funded Research Projects and Patents from the Past Five Years

He has completed more than 20 founded research projects.

Certifications and Professional Registrations

Registered Professional Engineer in Turkey

Current Membership in Professional Societies and Organizations

	Society/organization	Rank	Member Since
1.	Union of chamber of Turkish Engineering architects – chamber of civil 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 2015, The Scientific and Technological Research Council of Turkey (more than 25 times).
2. University Putra Malaysia, Production incentive award, 2012.
3. Ataturk University Engineering Faculty award in 2014, Turkey.
4. 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- 2016

Principal Publications/Presentations from the Past two Years

I have published around hundred (100) papers; papers published from the past two years only are given below.

Last 2 years Selected publication (ISI-Journals papers only)

In 2016

- M. H. Rafiei, Waleed H. Khushefati, **Demirboga R.**, Hojjat Adeli, Novel Approach For Concrete Mix Design Using Neural Dynamics Model And The Virtual Lab Concept, *ACI Materials Journal (Accepted)*.
- İ Türkmen, AF Bingöl, A Tortum, **R Demirboğa**, R Gül, Properties of pumice aggregate concretes at elevated temperatures and comparison with ANN models, *Fire and Materials*, DOI: 10.1002/fam.2374. 2016
- TM Al-zharani, **Demirboga R.**, WH Khushefati, O Taylan, Measurement and prediction of correction factors for very high core compressive strength by using the adaptive neuro-fuzzy techniques. *Construction and Building Materials* 122, 320-331. 2016.
- M. H. Rafiei, Waleed H. Khushefati, **Demirboga R.**, Hojjat Adeli, Neural Network, Machine Learning, and Evolutionary Approaches For Concrete Material Characterization, *ACI Materials Journal (Accepted)*.
- TM Al-zharani, **R Demirboga**, WH Khushafati Relationship Between Core Compressive Strength and UPV Values for Different Core Slenderness of High Strength Concrete Beam, 3 rd International Balkans Conference on Challenges of Civil Engineering, 3-BCCCE, 19-21 May 2016, Epoka University, Tirana, Albania
- Karakoc M. B., Türkmen İ., F. Kantarci, **Demirboga R.**, M. M.Maraş Fire Resistance of Geopolymer Concrete Produced from Elazığ Ferrochrome Slag, *Journal Fire Mater.* 2016; 40:836–847.
- Ahmet Benli, Yadollahi, M.M., **Demirboğa R.**, Application of adaptive neuro-fuzzy technique and regression models to predict the compressive strength of geopolymer Composites", *Neural Computing and Applications*, January 2016, Pages 1-9. (DOI: 10.1007/s00521-015-2159-6)
- Karakoc M. B., Türkmen İ., F. Kantarci, **Demirboga R.**, M. M.Maraş Sulfate Resistance of Ferrochrome Slag Based Geopolymer Concrete, *International Ceramics*, 42 (1), 1254-1260, 2016.

Mohammad Panjehpour, Nima Farzadnia, Ramazan Demirboga, Abang Abdullah Abang Ali, Behavior of high-strength concrete cylinders repaired with CFRP sheets', Journal of Civil Engineering and Management 22 (1), 56-64 2016.

In 2015

- Ibrahim Türkmen, A. Ferhat Bingöl and **Ramazan Demirbog**, Properties of Perlite Aggregate Concretes After Elevated Temperatures, *Academic Journal of Science*, 149–156 (2015)
- Ahmet Benli, Yadollahi, M.M., Demirboğa R, The Effects of Silica Modulus and Aging on Compressive Strength of Pumice-Based Geopolymer Composites, *Construction & Building Materials*, 2015. 94: p. 767–774. (doi:10.1016/j.conbuildmat.2015.07.052)
- Demirboga R., F. Karagol, W. H. Khushafeti, Behavior of Fresh and Hardened Concretes with Antifreeze Admixtures in Deep-Freeze Low Temperatures and Exterior Winter Conditions, *Construction & Building Materials* 76 (2015) 388–395.
- Polat R. , Demirboga R., W. H. Khushafeti, Effects of nano and micro size of CaO and MgO, nano-clay and expanded perlite aggregate on the autogenous shrinkage of mortar *Construction & Building Materials* 81 (2015) 268–275.
- Omer sharmark, Demirboga R., W. H. Khushafeti, Relationship between Compressive Strength and UPV of GGBFS Based Geopolymer Mortars Exposed to Elevated Temperatures. *Construction and Building Materials*, Volume 94, 30 September 2015, Pages 189-195.
- Omer sharmark, Demirboga R., W. H. Khushafeti, GGBFS Based Geopolymer Mortars Immersed in Sodium and Magnesium Sulfate Solutions and Sea Water, *International Journal of Engineering Research & Technology (IJERT)* , Vol. 4 Issue 02, February-2015.
- Moslih Amer Salih, Abang Abdullah Abang Ali, Nima Farzadnia, Ramazan Demirboga Development of high strength alkali activated binder using palm oil fuel ash and GGBS at ambient temperature. *Construction and Building Materials* 93 (2015) 289–300.
- Moslih Amer Salih, Abang Abdullah Abang Ali, Nima Farzadnia, Ramazan Demirboga, Effect of different curing temperatures on alkali activated palm oil fuel ash paste, *Volume 94, 30 September 2015, Pages 116-125.*
- Ahmet Benli, Yadollahi, M.M., Demirboğa R., Effects of elevated temperature on pumice based geopolymer composites. *Plastics, Rubber and Composites* (preprcme3378.3d 10/6/2015), DOI: 10.1179/1743289815Y.0000000020 Journal Impact Factor: 0.675
- Yadollahi, M.M., Ahmet Benli, Demirboğa R., Prediction of Compressive Strength of Geopolymer Composites Using Artificial Neural Network, *Materials Research Innovations* DOI: 10.1179/1433075X15Y.0000000020 Journal Impact Factor: 0.473.

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.

