

1. Name Surname: **BESTE ÇUBUKÇUOĞLU**

Contact Details

Mail: beste.cubukcuoglu@neu.edu.tr

2. Academic Rank: Assist. Prof. Dr.

3. Degrees:

Degree	Subject	Institution	Year
B.Sc.	Industrial Engineering	Eastern Mediterranean University, N. Cyprus	2004
M.Sc.	Water and Environmental Engineering	University of Surrey, UK	2006
PG. Dip	Environmental and Earth Resources Management	Kingston University, UK	2007
Ph.D.	Civil Engineering	University of Surrey, UK	2012

Master’s Thesis Topic and Thesis Advisor(s):

“Municipal Solid Waste Management Strategies Implementation in North Cyprus as a Case Study”.

Thesis Advisor: Dr. Sabeha K. Ouki

Ph.D. Thesis Topic and Advisor(s):

“Performance Assessment of Alternative Binders for the Solidification/Stabilisation of Electric Arc Furnace Dust”.

Thesis Advisors: Dr. Sabeha K. Ouki and Dr. Mike Mulheron

4. Research Interests:

Sustainable construction materials, sustainability in engineering, risk management in construction, engineering for sustainable development, solid waste management, water management, recycling, landfilling and reuse of wastes as construction materials. Green Concrete studies and all related analytical chemistry-environmental analysis via ICP- OES, SEM-EDX, XRD.

5. Member of the Faculty of:

Title	Member of the Faculty of	Year
Assistant Professor	Civil and Environmental Engineering, Department of Civil Engineering, Near East University	18 June 2018 –
Assistant Professor	Engineering and Architecture, Department of Civil Engineering, Cyprus Bahçeşehir University	1 June 2017 – 11 June 2018
Dr. (Part-time)	Engineering, Department of Civil Engineering, Eastern Mediterranean University	September 2016 – present
Assistant Professor	Engineering, Department of Civil Engineering, Antalya International University	January 2015 – December 2016
Assistant Professor	Engineering, Department of Civil Engineering, Girne American University	January 2014 – October 2014
Dr.	Faculty of Engineering, Department of Civil Engineering, Girne American University	September 2013 - January 2014
Dr. (Part-time)	Engineering, Department of Civil Engineering, Eastern Mediterranean University	July 2013 - September 2013
Research Assistant	Engineering and Physical Sciences, Department of Civil and Environmental Engineering, University of Surrey	July 2007 – June 2012
Teaching Assistant	Engineering and Physical Sciences, Department of Civil and Environmental Engineering, University of Surrey	September 2008 – May 2010 Lead, assist and guide first-year Civil engineering students with technical aspects of fluid mechanics lab experiments, graded lab reports prepared by the first-year Civil engineering students.

6. Related Experience

Near East University – Faculty of Civil and Environmental Engineering Vice Dean of the Faculty	September 2018 -
Bahçeşehir Cyprus University – Civil Engineering Department Head of Civil Engineering	Sept 2017 – June 2018
Antalya International University – Civil Engineering ERASMUS Exchange Program Departmental Coordinator	Jan 2015 – Dec 2016
Realist-Kulis Newspaper, North Cyprus Columnist - Prepared articles to provide information/views on environmental related issues to increase public awareness.	Jan – May 2014
Faculty of Engineering – The American University, Girne Coordinator of Master and PhD programmes in Construction Management Coordinating Master and PhD programmes including students monitoring and teaching activities	Jan 2014 – Oct 2014
Faculty of Engineering and Physical Sciences, University of Surrey Postgraduate Researcher Undertaken extensive laboratory work, prepared in-term reports for the project steering committee and trained colleagues on the use of various experimental instruments	2007 – 2011
Halkin Sesi Newspaper, North Cyprus Columnist - Prepared articles to provide information/views/discussions on environmental related issues to increase public	2009 – 2010

7. Thesis Supervised

Master Thesis Supervised

Nom Joseph (2014) – Glass Transparency in Public Building in Abuja – Nigeria, MSc in Architecture.

Acted as a member of many Master’s and Doctoral student committees

8. List of Publications

8.1 Book Chapter

Cubukcuoglu, B. (2016) Use of Sustainable Inorganic Binders in the Treatment of Baghouse dust. In Cavaliere P. (Eds.) *Ironmaking and Steelmaking Processes*. Springer International Publishing. Book part III, pp. 237-245. doi: 78-3-319-39529-6_14

8.2. Original articles published in journals screened by SCI

Cubukcuoglu, B. and Ouki, S.K. (2012) “Solidification/Stabilisation of electric arc furnace waste using low grade MgO”, *Chemosphere*, Vol. 86, pp. 789 -796 (**SCI**)

Cubukcuoglu, B. and Ouki, S.K. (2017) “Comparison of Mechanical and Leaching Behaviours of Pulverised Fuel Ash/Low-grade Magnesium Oxide-Cement Blended Stabilised/Solidified Baghouse Dust”, *European Journal of Environmental and Civil Engineering*, (ID: 1310140 DOI:10.1080/19648189.2017.1310140) (**SCI-expanded**).

Cubukcuoglu, B. (2018) “The environmental impact evaluation and testing of sustainable inorganic binders: A green alternative to ordinary Portland cement”, *Journal of Sustainable Construction Materials and Technologies* (**ULAKBİM**)

Akcaoglu, T., **Cubukcuoglu, B.** and Tarassoly, A. (**in press**), “Effect of Glass Powder as a Supplementary Cementitious Material on the Performance of High Strength Mortars”. (**SCI**)

8.3. Full texts of papers published in the proceedings of international scientific events

Evrar, A., Akcaoglu, T., **Cubukcuoglu, B.** ‘Effect of e-plastic Waste on Mechanical Properties and Abrasion Resistance of Concrete Composites under Elevated Temperatures’, 10th International Concrete Congress on Recent Advances in Concrete Technology, BAOB Campus, Bursa, Turkey, 02-04 May 2019.

Demir, E. and **Cubukcuoglu, B.** ‘The Impacts of Climate Change on Transportation Safety and Their Consequences, 2nd IRF Asia Regional Congress and Exhibition, Kuala Lumpur, Malaysia, 16 -20 October, 2016. (full paper)

Cubukcuoglu, B. ‘The environmental impact evaluation and testing of sustainable inorganic binders: A green alternative to ordinary Portland cement Oral Presentation, World Congress and Exhibition on Construction and Steel Structure, Dubai, 16 -18 November, 2015.

Cubukcuoglu, B. “Çarpık Yapılaşma ve Getirdikleri” (Unplanned Urban Development and its Consequences), Afet Risklerinin Azaltılması Paneli, Kyrenia, organised by International Universities Search and Rescue Council, 16 October 2014, ***Invited speaker*** (in Turkish)

Cubukcuoglu, B. and Ouki, S.K. (2011) ‘The effectiveness of steel slag as a stabilized agent for the treatment of electric arc furnace dust’. In: Proceedings of Eurasia Waste Management Symposium, Istanbul, 14 -16 November, 2011.

Cubukcuoglu, B. and Ouki, S.K. (2011) ‘Use of low grade MgO to stabilize heavy metals in steel electric arc furnace waste’. In: Proceedings of the 26th International Conference on Solid Waste Technology and Management, Philadelphia, 27 -30 March, 2011 (pp. 523-533, ISSN 1091-8043)

Cubukcuoglu, B. and Ouki, S.K. (2009) ‘The use of alternative constituents in cement-based solidification/stabilization of electric arc furnace dust’. In: Proceedings of the 7th International Conference on Sustainable Management of Waste and Recycled Materials in Construction, WASCON, Lyon, 3 -5 June, 2009.

8.4. Full texts of papers published in the proceedings of national scientific events

Cubukcuoglu, B. ve Akdeğirmen, Ö. “İnşaat Mühendisliğinde Etik Eğitimi”, 3.İnşaat Mühendisliği Eğitimi Sempozyumu, TMMOB İnşaat Mühendisleri Odası, 24-25 Ekim 2015, Ankara. (in Turkish)

Cekirge, G. ve **Cubukcuoglu, B.** “İnşaat Sektöründe Sürdürülebilirlik ve Atık Yönetiminin Önemi: Vaka çalışması örneği ile”, Uluslararası katılımlı 7. İnşaat Yönetimi Kongresi, 6-7 Ekim 2017, Samsun. (in Turkish)

9. Projects

EU funded project. Cypriot Civil Society in Action V. Act as a team leader and reporter of the experts for the project entitled ‘Famagustians advocate for Clean Wetlands’. (April 2016- December 2017)

EU Funded Project. Civil Society in Action. LEAD (Learn, Experience, Apply and Develop) (started September 2018; duration 36 months). Act as a Steering Committee Member.

- ✓ **Prepared various numbers of proposals for EU-funded projects on behalf of non- governmental organisations.**

10. Student Projects

Rönesans Holding “Design the Sustainable Future” Students Project Competition. Coordination of students’ project on “Facade, Roofing and Terrace Solutions with a sustainable engineering design”. This group of students ranked **1st** in the competition (engineering part) (2016).

11. Professional activities

- Chair session at GAU 2nd International Symposium on Engineering, Artificial Intelligence and Applications, ISEAIA 2014, 5-7 November 2014
- Organizing Committee Member - GAU 2nd International Symposium on Engineering, Artificial Intelligence and Applications, ISEAIA 2014, 5-7 November 2014.

12. Memberships in scientific organizations

Society of Environmental Engineers, UK

13. Certificates

Certificate of Completion of Occupational Health and Safety Services for Employers

14. Awards

- a. Funds for Women Graduates (FfWG), UK, 2010-2011
- b. Doctorate Research funding by Technology Strategy Board (TSB),UK, 2007-2010
- c. TRNC Ministry of National Education Doctorate Award, 2007-2010

15. Selected Undergraduate level of courses delivered in the last few years

Academic Year	Semester	Course	Weekly Hours		No. of students
			Theoretical	Practical	
2012-2013	Summer	Sustainability in Engineering	9	0	12
2013-2014	Fall	Construction Materials	3	0	20
2013-2014	Spring	Sustainability in Engineering	3	0	6
2013-2014	Spring	Project Management	3	1	20
2013-2014	Spring	Construction Engineering and Management	3	0	12
2013-2014	Summer	Construction Materials	3	0	6

2014-2015	Spring	Construction Materials	3	0	24
2014-2015	Spring	Construction Management	3	0	31
2015-2016	Fall	Materials Science	3	0	37
2015-2016	Fall	Construction Materials and Technologies I	3	0	46
2015-2016	Spring	Construction Materials	3	0	37
2015-2016	Spring	Construction Site Management	3	0	6
2016- 2017	Fall	Sustainability in Engineering	4	0	50
2016- 2017	Fall	Sustainability in Engineering	4	0	20
2016 -2017	Spring	Sustainability in Engineering	4	0	56
2016 -2017	Spring	Sustainability in Engineering	4	0	11
2016 -2017	Spring	Advanced Construction Materials	4	0	38
2017-2018	Fall	Sustainability in Engineering	4	0	19
2017-2018	Summer	Materials Science	4	0	16

16. Postgraduate level of courses delivered in the last few years

Academic Year	Semester	Course	Weekly Hours		No. of students
			Theoretical	Practical	
2013-2014	Spring	Research Methods	3	0	15
2015-2016	Spring	Occupational Health and Safety in Construction Industry (in Turkish)	2	0	18
2015-2016	Summer	Graduation Projects Supervision (OHS)	3	0	12

17. Languages

- ✓ Turkish – native language
- ✓ English – competency in speaking and writing
- ✓ German – speak, read, and write with basic competence

18. Reviewer

- ✓ Process Safety and Environmental Protection
- ✓ Open Access Library Journal (OaLiB)
- ✓ Journal of Environmental Management (JEMA)
- ✓ SAGE Open
- ✓ International Journal for Research and Development in Technology (IJRDT)
- ✓ Review Board Member – GAU Journal of Social and Applied Sciences, 2014
- ✓ European Journal of Engineering and Design (EJOED)