

# BESTE ÇUBUKÇUOĞLU

Antalya International University  
Üniversite Caddesi No:2, 07190  
Döşemealtı, Antalya, Turkey

## 1. Contact Details

**Telephone:** 0507 442 61 83 – 0 533 867 1983

**Mail:** [Beste.Cubukcuoglu@antalya.edu.tr](mailto:Beste.Cubukcuoglu@antalya.edu.tr)  
[bestec@gmail.com](mailto:bestec@gmail.com)

**2. Date of Birth:** 29.01.1983

**3. Academic Rank:** Assist. Prof. Dr.

## 4. 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

### 5. Research Interests:

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

### 6. Member of the Faculty of:

<b>Title</b>	<b>Member of the Faculty of</b>	<b>Year</b>
<b>Assistant Professor</b>	Engineering, Department of Civil Engineering, Antalya International University	January 2015 – Present
<b>Assistant Professor</b>	Engineering, Department of Civil Engineering, Girne American University	January 2014 – October 2014
<b>Dr.</b>	Faculty of Engineering, Department of Civil Engineering, Girne American University	September 2013 - January 2014
<b>Dr.</b>	Faculty of Engineering, Department of Civil Engineering, Eastern Mediterranean University	July 2013 - September 2013
<b>Research Assistant</b>	Faculty of Engineering and Physical Sciences, Department of Civil and Environmental Engineering, University of Surrey	July 2007 – June 2012
<b>Teaching Assistant</b>	Faculty of 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.

## 7. Related Experience

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

## 8. Thesis Supervised

### 8.1. 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

## 9. List of Publications

### 9.1. 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. “Use of Portland cement and Its Blends with Steel Slag in Stabilisation/Solidification of Bag-house Dust” (submitted - *under review*)

**Cubukcuoglu, B.** and Ouki, S.K. “Mechanical and leaching behaviour of PFA/Low grade MgO/Cement blended Stabilised/solidified baghouse dust” (*submitted - under review*)

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

**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 26<sup>th</sup> 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 7<sup>th</sup> International Conference on Sustainable Management of Waste and Recycled Materials in Construction, WASCON, Lyon, 3-5 June, 2009.

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

**Cubukcuoglu, B.** “İnşaat Mühendisliğinde Etik Eğitimi”, 3.İnşaat Mühendisliği Eğitimi Sempozyumu, TMMOB İnşaat Mühendisleri Odası, 24-25 Ekim 2015, Ankara. (paper accepted)

## 10. Memberships in scientific organizations

Society of Environmental Engineers, UK

## 11. Awards

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

## 12. Undergraduate level of courses delivered in the last two years

Academic Year	Semester	Course	Weekly Hours		No. of students
			Theoretical	Practical	
2008-2009	Fall	Fluid Mechanics	-	3	100
	Spring	Fluid Mechanics	-	3	100
2009-2010	Fall	Fluid Mechanics	-	3	100
	Spring	Fluid Mechanics	-	3	100
2012-2013	Summer	Sustainability in Engineering	9	0	12
2013-2014	Fall	Soil Mechanics	3	0	30
2013-2014	Fall	Structural Systems	3	0	100
2013-2014	Fall	Transportation Engineering	3	0	20
2013-2014	Fall	Construction Materials	3	0	20
2013-2014	Fall	Industrial Waste Management	3	0	20
2013-2014	Spring	Building Technology	3	0	50
2013-2014	Spring	Pavement Design	3	0	4
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	Building Technology	3	0	6
2013-2014	Summer	Construction Materials	3	0	6
2013-2014	Summer	Industrial Waste Management	3	0	10

2014-2015	<b>Spring</b>	Construction Materials	3	0	24
2014-2015	<b>Spring</b>	Engineering Economy	3	0	37
2014-2015	<b>Spring</b>	Construction Management	3	0	31
2015-2016	<b>Fall</b>	Construction Materials and Technologies I	3	0	46
2015-2016	<b>Fall</b>	Materials Science	3	0	37

### 13. Postgraduate level of courses delivered in the last two years

Academic Year	Semester	Course	Weekly Hours		No. of students
			Theoretical	Practical	
2013-2014	<b>Spring</b>	Research Methods	3	0	15

### 14. Languages

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

### 15. Editorial Board Member

- Advances in Materials – Science Publishing Group
- International Journal for Research and Development in Technology (IJRDT)  
ISSN: 02349-3585

### 16. Reviewer

- Open Access Library Journal (OaLiB)
- Journal of Environmental Management (JEMA)
- SAGE Open
- International Journal for Research and Development in Technology (IJRDT)
- Online Journal of Social Sciences Research (OJSSR)