

Curriculum Vitae

1. Name: Mehmet Okaygün

2. Date of birth: 27th of August, 1963

3. Education:

Degree	Department	University	Year
B.Sc.	Chemical Engineering	University of Petroleum and Minerals	1986
M.Sc.	Chemical Engineering	Texas A&M University	1988
Ph.D.	Chemical Engineering	Texas A&M University	1991

4.1 Academic titles:

Assist. Prof. Dr., Department of Civil Engineering, Near East University, January 1995 - August 2009.

Assist. Prof. Dr., Department of Energy Systems Engineering, Girne American University, October 2013 - now.

4.2 Professional Skills:

Set up of wastewater treatment plants at laboratory scale.

Measurement of Biological Oxygen Demand (BOD).

Measurement of Chemical Oxygen Demand (COD).

Measurement of Total Organic Carbon (TOC).

Measurement of Total Suspended Solids (TSS).

Use of Size-Exclusion Chromatograph (SEC).

Use of Gas-Chromatograph (GC).

Use of Gas-Chromatograph Mass Spectrometer (GC-MS).

Use of Flame-Photometry.

Measurement of salinity, nitrates, total hardness and free chlorine in water.

5. Graduate theses that were supervised:

Supervisor of Nevzat Öznel, Thesis for Master of Science, "Nicosia Wastewater Treatment Plant", December 1999.

Co-Supervisor of Samah J. Almaqadma, Thesis for Master of Science, "Impact of Anaerobic Lagoons on the Performance of BOD and TSS Removals at Nicosia Wastewater Treatment Plant", May 2008.

6. Publications:

Autenrieth R.L., Bonner J.S., Akgerman A., Okaygun M.S. and E.M. McCreary, "Biodegradation of Phenolic Wastes", *Journal of Hazardous Materials*, 28, p29-53, 1991.

Okaygun M.S. and A.Akgerman, "Microbial Dynamics in a Continuous Stirred Tank Reactor with 100% Cell Recycle", *Water Environment Research*, 64, p811, 1992.

Okaygun M., Green L.A. and A.Akgerman, "Effects of Consecutive Pulsing of an Inhibitory Substrate on Biodegradation Kinetics", *Environmental Science and Technology*, 26, p1746, 1992.

Akgerman A. and M. Okaygun, "Closure to Discussion on Microbial Dynamics in a CSTR with 100% Cell Recycle", *Water Environment Research*, 65, p791, 1993.

Efe T., Kırmızı Z., Öznel N. and M. Okaygun, "Operation of Package Treatment Plants in Northern Cyprus", *Proceedings of the International Conference on Water Problems in the Mediterranean Countries*, Vol. II, p371, 1997.

Kırmızı Z., Efe T., Öznel N. and M. Okaygun, "Activated Sludge Process versus Sequential Batch Process", *Proceedings of the International Conference on Water Problems in the Mediterranean Countries*, Vol. II, p451, 1997.

Gökçekuş H., Atalar C. and M. Okaygun, *Abstracts of International Conference on Water Problems in the Mediterranean Countries*, 177p., NEU press, Nicosia, North Cyprus, 1997.

Öznel N., Efe T., Kırmızı Z. and M. Okaygun, "Investigation of Operational Problems and Their Solutions in Nicosia Wastewater Treatment Plant", *Proceedings of the International Conference on Water Problems in the Mediterranean Countries*, Vol. II, p467, 1997.

Okaygün M. and H. Gökçekuş, "Effective Potential Reuse of Wastewater in the Turkish Republic of Northern Cyprus", *Proceedings of the 4th International Symposium on Eastern Mediterranean Geology*, p389-402, May 21-25, 2001.

M. Okaygün and H. Gökçekuş, "Mining Contamination: A Case Study from Northern Cyprus-Gemikonağı (Xeros) Area", *Proceedings of the International Conference on the European Policy and the Case of Cyprus Mines*, p10-25, February 2001.

Okaygun M., Çelik T. and H. Gökçekuş, "Use of Waste Sludge to Produce a Light Weight Aggregate", *Proceedings of the 1st International Symposium on Environmental Problems of the Mediterranean Region*, p1065-1071, April 12-15, 2002

Türker U., Okaygun M. and S.J. Almqadma, "Impact of Anaerobic Lagoons on the Performance of BOD and TSS Removals at Nicosia Wastewater Treatment Plant", *Desalination*, p 403-410, November, 2009.

7. Administrative Positions:

Vice-Chairman, Civil Engineering Department, Near East University, 1995-2009.

Department Head, Energy Systems Engineering Department, Girne American University, October 2014-now.

8. Courses that were taught in the last two years:

Academic Year	Semester	Course
2013-2014	Fall	General Chemistry I
		Marine Chemistry
		Hydrology
	Spring	General Chemistry I
		General Chemistry II
		Air Pollution
		Water and Wastewater Treatment Plant Design
	Summer	General Chemistry I
		Differential Equations
2014-2015	Fall	General Chemistry I
		Hydrology
		General Chemistry I (in Turkish)
	Spring	General Chemistry I
		Petroleum and Natural Gas Technology
		Fluid Mechanics
		Differential Equations
		Water and Wastewater Treatment Plant Design
	Summer	General Chemistry I
Differential Equations		