



Alper BAYRAKDAR

Research Asistant, M.Sc

Contact Information

Address: Marmara University
Environmental Engineering Department, MC 216
Goztepe, 34722, Istanbul, Turkey

Phone : +90 (0216) 348 0292 ext. 685

Fax : +90 (0216) 347 4090

E-mail : alper.bayrakdar@marmara.edu.tr

Web site : <http://mimoza.marmara.edu.tr/~alper.bayrakdar/>

Education

Ph.D. Environmental Engineering, Marmara University, İstanbul, Turkey; 2012- Continue

M.Sc. Environmental Engineering, Harran University, Ş.Urfa, Turkey; 2007-2009.

B.Sc. Environmental Engineering, Harran University, Ş.Urfa, Turkey; 2003-2007.

Professional Experience

Research Asistant

[Marmara University, İstanbul, Turkey, 2012 – ...](#)

Research Asistant

[Necmettin Erbakan University, Konya, Turkey, 2011- 2012](#)

Instructor

[Harran University, Şanlıurfa, Turkey, 2010 – 2011](#)

Expertise

Alper Bayrakdar is a Research Asistant in Environmental Engineering. He is a PhD student in Marmara University, İstanbul. He received M.Sc. degree in Environmental Engineering at Harran University. He studied on "Sulfidogenic Metal Removal by Using Anaerobic Baffled Reactor" in master. He study on anaerobic digestion of poultry litters, ammonia inhibition, ammonia recovery. He is also interested in autotrophic denitrification and Microbial Fuel Cells.

Publications in SCI Journals

1. **Bayrakdar A.**, Sahinkaya E., Gungor M., Uyanik S., Atasoy D. Performance of Sulfidogenic Anaerobic Baffled Reactor (ABR) Treating Acidic and Zinc-Containing Wastewater. Bioresource Technology, 2009, 4354-4360.
2. Sahinkaya E., Gungor M., **Bayrakdar A.**, Yucesoy Z., Uyanik S., Separate Recovery of Copper and Zinc from Acid Mine Drainage Using Biogenic Sulfide Produced in Anaerobic Baffled Reactor (ABR). Journal of Hazardous Materials, 2009, 901-906

Presentations in Conference (International)

1. Sahinkaya E., Gungor M., **Bayrakdar A.**, Yücesoy Z., Uyanik S. ve Yesilnacar M.I., A Model Based Optimization Study with OLI Stream Analyzer for Separate Metal Recovery from Acid Mine Drainage. AMIREG 2009-Towards sustainable development: Assessing the footprint of resource utilization and hazardous waste management, Atina, Greece, 2009.
2. S. Uyanik, **Bayrakdar A.**, Sahinkaya E., Gungor M., Metal recovery from acid mine drainage by sulfidogenic anaerobic baffled reactor. AMIREG 2009-Towards sustainable development: Assessing the footprint of resource utilization and hazardous waste management, Atina, Greece, 2009.