

## Assoc. Prof. AHMET UYGUR

### Personal Information

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### Education Information

Doctorate, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Çevre Bilimleri (Dr), Turkey 2000 - 2004

Postgraduate, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Çevre Teknolojisi (YI) (Tezli), Turkey 1993 - 1996

Undergraduate, Dokuz Eylül University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, Turkey 1989 - 1993

### Dissertations

Doctorate, Performance of sequencing batch reactor for nutrient removal as functions of operating variables, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Çevre Bilimleri (Dr), 2003

Postgraduate, Biological treatment of saline wastewater by using halophilic organisms in an aerated percolator (immersed filter) and rotating biological contractor (RBC) units, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Çevre Teknolojisi (YI) (Tezli), 1996

### Research Areas

Engineering and Technology

### Academic Titles / Tasks

Associate Professor, Bursa Uludağ University, Mühendislik Fakültesi, Çevre Mühendisliği, 2014 - Continues

Assistant Professor, Bursa Uludağ University, Mühendislik Fakültesi, Çevre Mühendisliği, 2013 - 2014

Lecturer PhD, Bursa Uludağ University, Mühendislik Fakültesi, Çevre Mühendisliği, 2012 - 2013

Lecturer PhD, Bursa Uludağ University, Mühendislik Fakültesi, Çevre Mühendisliği, 2007 - 2013

Research Assistant, Bursa Uludağ University, Mühendislik Fakültesi, Çevre Mühendisliği, 2004 - 2007

Research Assistant, Dokuz Eylül University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2000 - 2004

Research Assistant, Bursa Uludağ University, Mühendislik Fakültesi, Çevre Mühendisliği, 2000 - 2000

Research Assistant, Dokuz Eylül University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 1999 - 2000

Research Assistant, Bursa Uludağ University, Mühendislik Fakültesi, Çevre Mühendisliği, 1995 - 1999

### Courses

Atıksuların Arıtımında Biyolojik Süreçler , Undergraduate, 2019 - 2020

ATIKSULARDAN BİYOLOJİK NUTRİENT GİDERİMİ, Undergraduate, 2016 - 2017, 2017 - 2018

AKTİF ÇAMUR SİSTEMLERİNDE BİLGİSAYAR DESTEKLİ MODEL YAKLAŞIMLARI, Doctorate, 2017 - 2018

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Specific nutrient removal rates in saline wastewater treatment using sequencing batch reactor**  
Uygun A.  
PROCESS BIOCHEMISTRY, vol.41, no.1, pp.61-66, 2006 (Journal Indexed in SCI)
- II. **para-Chlorophenol inhibition on COD, nitrogen and phosphate removal from synthetic wastewater in a sequencing batch reactor**  
Kargı F., Uygun A., Baskaya H.  
BIORESOURTE TECHNOLOGY, vol.96, no.15, pp.1696-1702, 2005 (Journal Indexed in SCI)
- III. **Biological treatment of synthetic wastewater containing 2,4 dichlorophenol (DCP) in an activated sludge unit**  
Kargı F., Eker S., Uygun A.  
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.76, no.3, pp.191-196, 2005 (Journal Indexed in SCI)
- IV. **Phosphate uptake and release rates with different carbon sources in biological nutrient removal using a SBR**  
Kargı F., Ahmet U., Baskaya H.  
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.76, no.1, pp.71-75, 2005 (Journal Indexed in SCI)
- V. **Improved nutrient removal from saline wastewater in an SBR by Halobacter supplemented activated sludge**  
Kargı F., Uygun A.  
ENVIRONMENTAL ENGINEERING SCIENCE, vol.22, no.2, pp.170-176, 2005 (Journal Indexed in SCI)
- VI. **Phenol inhibition of biological nutrient removal in a four-step sequencing batch reactor**  
Uygun A., Kargı F.  
PROCESS BIOCHEMISTRY, vol.39, no.12, pp.2123-2128, 2004 (Journal Indexed in SCI)
- VII. **Biological nutrient removal from synthetic wastewater containing 2,4 dichlorophenol in a sequencing batch reactor**  
Uygun A., Kargı F.  
ENVIRONMENTAL ENGINEERING SCIENCE, vol.21, no.5, pp.569-574, 2004 (Journal Indexed in SCI)
- VIII. **Hydraulic residence time effects in biological nutrient removal using five-step sequencing batch reactor**  
Kargı F., Uygun A.  
ENZYME AND MICROBIAL TECHNOLOGY, vol.35, pp.167-172, 2004 (Journal Indexed in SCI)
- IX. **Nutrient removal in a three-step sequencing batch reactor with different carbon sources**  
Kargı F., Uygun A.  
WATER AIR AND SOIL POLLUTION, vol.156, pp.71-82, 2004 (Journal Indexed in SCI)
- X. **Biological nutrient removal from pre-treated landfill leachate in a sequencing batch reactor**  
Uygun A., Kargı F.  
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.71, no.1, pp.9-14, 2004 (Journal Indexed in SCI)
- XI. **Salt inhibition on biological nutrient removal from saline wastewater in a sequencing batch reactor**  
Uygun A., Kargı F.  
ENZYME AND MICROBIAL TECHNOLOGY, vol.34, pp.313-318, 2004 (Journal Indexed in SCI)
- XII. **Nutrient loading rate effects on nutrient removal in a five-step sequencing batch reactor**  
Kargı F., Uygun A.  
PROCESS BIOCHEMISTRY, vol.39, no.4, pp.507-512, 2003 (Journal Indexed in SCI)
- XIII. **Effect of carbon source on biological nutrient removal in a sequencing batch reactor**  
Kargı F., Uygun A.  
BIORESOURTE TECHNOLOGY, vol.89, no.1, pp.89-93, 2003 (Journal Indexed in SCI)

- XIV. **Nutrient removal performance of a five-step sequencing batch reactor as a function of wastewater composition**  
Kargi F., Uygur A.  
PROCESS BIOCHEMISTRY, vol.38, no.7, pp.1039-1045, 2003 (Journal Indexed in SCI)
- XV. **Nutrient removal performance of a sequencing batch reactor as a function of the sludge age**  
Kargi F., Uygur A.  
ENZYME AND MICROBIAL TECHNOLOGY, vol.31, no.6, pp.842-847, 2002 (Journal Indexed in SCI)
- XVI. **Biological treatment of saline wastewater in a rotating biodisc contactor by using halophilic organisms**  
Kargi F., Uygur A.  
BIOPROCESS ENGINEERING, vol.17, no.2, pp.81-85, 1997 (Journal Indexed in SCI)
- XVII. **Effect of liquid phase aeration on performance of rotating biodisc contactor treating saline wastewater**  
Kargi F., Uygur A.  
ENVIRONMENTAL TECHNOLOGY, vol.18, no.6, pp.623-630, 1997 (Journal Indexed in SCI)
- XVIII. **Biological treatment of saline wastewater in an aerated percolator unit utilizing halophilic bacteria**  
Kargi F., Uygur A.  
ENVIRONMENTAL TECHNOLOGY, vol.17, no.3, pp.325-330, 1996 (Journal Indexed in SCI)

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **Effects of sludge age on nutrient removal performance of a sequencing batch reactor**  
UYGUR A., KARGI F.  
Appropriate Environmental and Solid Waste Management and Technologies for Developing Countries, İstanbul, Turkey, 23 September 2002, vol.3, pp.1715-1722
- II. **Hydraulic residence time effects in biological nutrient removal in a sequencing batch reactor**  
UYGUR A., KARGI F.  
IWA, Small Water and Wastewater Treatment Systems, İstanbul, Turkey, 23 - 26 September 2002, vol.1, pp.479-484
- III. **Biological nutrient removal by using sequencing batch reactor**  
UYGUR A., KARGI F., BAŞKAYA H. S.  
Proceedings of Turkish-German Symposium on Recent Advances in Wastewater Treatment, İzmir, Turkey, 10 - 12 October 2001, pp.247-255
- IV. **Assessment and measurements of SO<sub>2</sub> and NO<sub>x</sub> pollutants in Bursa**  
TAŞDEMİR Y., ESEN F., UYGUR A., BAŞKAYA H. S., PINARLI V.  
SECOTOX 98 International Conference on Ecotoxicology and Environmental Safety, Antalya, Turkey, 19 - 21 October 1998, pp.54

### **Citations**

Total Citations (WOS):806

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