

## Assoc. Prof. AHMET UYGUR

### Personal Information

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### International Researcher IDs

ScholarID: YZSXzmsAAAAJ

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Publons / Web Of Science ResearcherID: JCO-4096-2023

ScopusID: 6603544832

Yoksis Researcher ID: 122503

### Education Information

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

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

Undergraduate, Dokuz Eylul 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 Eylul 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 Eylul University, Fen Bilimleri Enstitüsü, Çevre Teknolojisi (YI) (Tezli), 1996

### Research Areas

Engineering and Technology

### Academic Titles / Tasks

Associate Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ÇEVRE MÜHENDİSLİĞİ, 2014 - Continues

Assistant Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ÇEVRE MÜHENDİSLİĞİ, 2013 - 2014

Lecturer PhD, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ÇEVRE MÜHENDİSLİĞİ, 2012 - 2013

Lecturer PhD, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ÇEVRE MÜHENDİSLİĞİ, 2007 - 2013

Research Assistant, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ÇEVRE MÜHENDİSLİĞİ, 2004 - 2007

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

Research Assistant, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ÇEVRE MÜHENDİSLİĞİ, 2000 - 2000

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

Research Assistant, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ÇEVRE MÜHENDİSLİĞİ, 1995 - 1999

## Courses

### Doctorate

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

ATIK VE ATIKSU ARITIMI İÇİN BİYOTEKNOLOJİK PROSESLER, Doctorate, 2016 - 2017

### Postgraduate

ATIKLARIN ANAEROBİK ARITIMI, Postgraduate, 2023 - 2024

### Undergraduate

Atıksuların Arıtımında Biyolojik Süreçler , Undergraduate, 2019 - 2020

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

BİYOKİMYASAL PROSESLER, Undergraduate, 2017 - 2018, 2016 - 2017

## Published journal articles indexed by SCI, SSCI, and AHCI

- 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 (SCI-Expanded)
- II. **para-Chlorophenol inhibition on COD, nitrogen and phosphate removal from synthetic wastewater in a sequencing batch reactor**  
Kargı F., Uygun A., Baskaya H.  
BIORESOURCİ TECHNOLOGY, vol.96, no.15, pp.1696-1702, 2005 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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 (SCI-Expanded)

- XI. **Salt inhibition on biological nutrient removal from saline wastewater in a sequencing batch reactor**  
Uygur A., Kargi F.  
ENZYME AND MICROBIAL TECHNOLOGY, vol.34, pp.313-318, 2004 (SCI-Expanded)
- XII. **Nutrient loading rate effects on nutrient removal in a five-step sequencing batch reactor**  
Kargi F., Uygur A.  
PROCESS BIOCHEMISTRY, vol.39, no.4, pp.507-512, 2003 (SCI-Expanded)
- XIII. **Effect of carbon source on biological nutrient removal in a sequencing batch reactor**  
Kargi F., Uygur A.  
BIORESOURSE TECHNOLOGY, vol.89, no.1, pp.89-93, 2003 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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 (SCI-Expanded)

## **Papers Published in Refereed Scientific Meetings**

- 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

## **Metrics**

Publication: 22  
Citation (WoS): 928  
Citation (Scopus): 1095  
H-Index (WoS): 14  
H-Index (Scopus): 14

## **Non Academic Experience**

DOKUZ EYLÜL ÜNİVERSİTESİ, ARAŞTIRMA GÖREVLİSİ  
DOKUZ EYLÜL ÜNİVERSİTESİ, TÜBİTAK YÜKSEK LİSANS ÖĞRENCİSİ