

## Prof. Ata Bilgili

### Personal Information

Email: bilgili@itu.edu.tr

### Education Information

Doctorate, University of New Hampshire, Mechanical Engineering, United States Of America 1993 - 2000

Postgraduate, University of New Hampshire, United States Of America 1991 - 1993

Undergraduate, Istanbul Technical University, Gemi İnşaatı Ve Deniz Bilimleri Fakültesi, Gemi Ve Deniz Teknolojisi Mühendisliği Bölümü, Turkey 1986 - 1991

### Foreign Languages

French

English

### Dissertations

Doctorate, Finite element modeling of tidal flow and bed-load transport in the Great Bay Estuarine System, New Hampshire, University Of New Hampshire, Mechanical Engineering, 2000

Postgraduate, A study of the bed-load sediment transport in the Piscataqua River navigation channel, New Hampshire, University Of New Hampshire, 1993

### Academic Titles / Tasks

Associate Professor, Istanbul Technical University, Denizcilik Fakültesi, Gemi Makineleri İşletme Mühendisliği Bölümü, 2007 - Continues

Assistant Professor, Istanbul Technical University, Denizcilik Fakültesi, Gemi Makineleri İşletme Mühendisliği Bölümü, 2005 - 2006

Assistant Professor, Dartmouth College, Thayer School Of Engineering, Mühendislik Bilimleri, 2003 - 2005

Research Assistant, Dartmouth College, Thayer School Of Engineering, Mühendislik Bilimleri, 2001 - 2003

Research Assistant, University of New Hampshire, Mühendislik, Makina Mühendisliği, 2000 - 2001

### Academic and Administrative Experience

İstanbul Teknik Üniversitesi, Denizcilik Fakültesi, Temel Bilimler Bölümü, 2005 - Continues

İstanbul Teknik Üniversitesi, Denizcilik Fakültesi, Gemi Makineleri İşletme Mühendisliği Bölümü, 2008 - 2010

İstanbul Teknik Üniversitesi, Denizcilik Fakültesi, Gemi Makineleri İşletme Mühendisliği Bölümü, 2008 - 2008

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

- I. EXCHANGE CHARACTERISTICS OF AN ANTHROPOGENICALLY MODIFIED LAGOON: AN EULERIAN-

## LAGRANGIAN MODELING CASE STUDY WITH AN EMPHASIS ON THE NUMBER OF PARTICLES

Tansel Büyükçelebi B., KARABAY H., Bilgili A.

JOURNAL OF ENVIRONMENTAL ENGINEERING AND LANDSCAPE MANAGEMENT, vol.29, no.3, pp.251-262, 2021  
(Journal Indexed in SCI)

### Books & Book Chapters

- I. **Modeling tidal flow in the Great Bay Estuary, New Hampshire, using a depth averaged flooding-dewatering model with application to the bed load transport of coarse sediments**  
Bilgili A., Ip J., Swift M., Ertürk Bozkurtoğlu Ş. N. , Lynch D., Çelikkol B., Brown W.  
in: Advances in Fluid Mechanics III, Rahman M., Brebbia C.A., Editor, WIT Press , Boston, pp.569-581, 2000

### Refereed Congress / Symposium Publications in Proceedings

- I. **TÜRK DENİZ YETKİ ALANLARINDAKİ BATIK GEMİLERİN ÇEVRESEL AÇIDAN İNCELENMESİ VE DEĞERLENDİRİLMESİ**  
DANIŞMAN D. B. , KIDEYŞ A. E. , ONAY T. T. , BİLGİLİ A., DURAK O. S.  
Türkiye Deniz Bilimleri Konferansı - 2016 ODTÜ, Turkey, 31 May - 02 June 2016
- II. **Risk Analysis Simulation of Tuzla Kamil Abdus Lagoon**  
Tansel Büyükçelebi B., Bilgili A.  
10th International Conference on the Mediterranean Coastal Environment, Rhodes, Greece, 25 - 29 October 2011, pp.715-722
- III. **DIPOL Quality Practice in Training at ITU**  
Tansel B., Bilgili A., Deniz C., Demirel K.  
International Conference IMLA 19, Rijeka, Croatia, 28 September - 10 October 2011, pp.295-301
- IV. **Modeling tidal flow in the Great Bay Estuary, New Hampshire, using a depth averaged flooding-dewatering model with application to the bed load transport of coarse sediments**  
Bilgili A., Ip J., Swift M., Erturk Ş. N. , Lynch D., Celikkol B., Brown W.  
3rd International Conference on Advances in Fluid Mechanics, Montreal, Canada, 01 May 2000, vol.26, pp.569-581

### Supported Projects

Bilgili A., Project Supported by Higher Education Institutions, Simulating the Effect of Dredging of the Pollutant Particles Originating from a Wastewater Treatment Facility in a Tidal River, 2006 - 2018

Bilgili A., Project Supported by Higher Education Institutions, BİLGİSAYAR ORTAMINDA SAYISAL KIYI AKINTI MODELLEMESİ VE BENZERİ OŞİNOGRAFIK ARAŞTIRMALAR İÇİN TEMEL VERİ TOPLAMA VE MODELLEME ALTYAPISI OLUŞTURULMASI, 2009 - 2011

### Citations

Total Citations (WOS):121

h-index (WOS):4