

# Prof. TİJEN ENNİL BEKTAŞ

## Personal Information

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## Education Information

Postgraduate, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, Turkey 1997 - 2000

Undergraduate, Eskisehir Osmangazi University, Mühendislik Mimarlık Fakültesi, Kimya Mühendisliği, Turkey 1993 - 1997

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, İyon Değişimi Yöntemi ile Sulu Çözeltiden Bor Giderimi Üzerine Etki Eden Parametrelerin İncelenmesi, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, 2005

Postgraduate, Boyarmadde ve Bazı Anyonların Gideriminde Sepiolit ve Diğer Adsorbanların Etkinliğinin Araştırılması, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği Bölümü, 2000

## Research Areas

Chemical Engineering and Technology, Engineering and Technology

## Academic Titles / Tasks

Professor, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Kimya Mühendisliği, 2020 - Continues

Associate Professor, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Kimya Müh.Bölümü, 2014 - 2017

Assistant Professor, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Kimya Müh.Bölümü, 2008 - 2014

Research Assistant PhD, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Kimya Müh.Bölümü, 2005 - 2008

Research Assistant, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Kimya Müh.Bölümü, 1997 - 2005

## Academic and Administrative Experience

Member of the Senate, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Kimya Mühendisliği, 2021 - Continues

Head of Department, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Kimya Mühendisliği, 2021 - Continues

Fakülte Kurulu Üyesi, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Kimya Mühendisliği, 2021 - Continues

Fakülte Yönetim Kurulu Üyesi, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Kimya Mühendisliği, 2021 -

Continues

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

- I. **Reduction dye in paint and construction chemicals wastewater by using microwave radiation method,**  
Ennil Bektaş T., Angin D.  
Fresenius Environmental Bulletin, vol.30, pp.4004-4008, 2021 (Journal Indexed in SCI Expanded)
- II. **PRODUCTION AND CHARACTERIZATION OF ACTIVATED CARBON PREPARED FROM ORANGE PULP AND UTILIZATION FOR THE REMOVAL OF PHOSPHATE IONS**  
Bektas T. E. , ANGIN D., Gunes S.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, no.12, pp.7973-7982, 2018 (Journal Indexed in SCI)
- III. **Reduction dye in paint and construction chemicals wastewater by improved coagulation-flocculation process**  
Bektas T.  
WATER SCIENCE AND TECHNOLOGY, vol.76, no.10, pp.2816-2820, 2017 (Journal Indexed in SCI)
- IV. **Production and characterization of activated carbon prepared from safflower seed cake biochar and its ability to absorb reactive dyestuff**  
ENNİL BEKTAŞ T.  
APPLIED SURFACE SCIENCE, vol.148, pp.705-710, 2013 (Journal Indexed in SCI Expanded)
- V. **Influence of process parameters on the surface and chemical properties of activated carbon obtained from biochar by chemical activation**  
ENNİL BEKTAŞ T.  
BIORESOURCETECHNOLOGY, vol.148, pp.542-549, 2013 (Journal Indexed in SCI Expanded)
- VI. **Adsorption of boron from aqueous solutions using activated carbon prepared from olive bagasse**  
ENNİL BEKTAŞ T.  
DESALINATION AND WATER TREATMENT, vol.29, pp.110-118, 2011 (Journal Indexed in SCI Expanded)
- VII. **Adsorption of phosphate from aqueous solutions using calcined waste eggshell**  
ENNİL BEKTAŞ T.  
CHEMICAL ENGINEERING JOURNAL, vol.178, pp.34-39, 2011 (Journal Indexed in SCI Expanded)
- VIII. **Boron removal from aqueous solutions by ion-exchange resin: column sorption-elution studies**  
ENNİL BEKTAŞ T.  
JOURNAL OF HAZARDOUS MATERIALS, vol.152, pp.744-749, 2008 (Journal Indexed in SCI Expanded)
- IX. **Agricultural residue anion exchanger for removal of dyestuff from wastewater using full factorial design**  
ENNİL BEKTAŞ T.  
DESALINATION, vol.222, pp.323-330, 2008 (Journal Indexed in SCI Expanded)
- X. **Boron removal from aqueous solution by reverse osmosis**  
ENNİL BEKTAŞ T.  
DESALINATION, vol.223, pp.1-9, 2008 (Journal Indexed in SCI Expanded)
- XI. **Nitrate removal from aqueous solution by adsorption onto various materials**  
Ozturk N., Bektas T.  
JOURNAL OF HAZARDOUS MATERIALS, vol.112, no.1-2, pp.155-162, 2004 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Phosphate removal by Ion exchange in batch mode**  
ENNİL BEKTAŞ T., Ugurluoglu B. K. , Tan B.  
WATER PRACTICE AND TECHNOLOGY, 2021 (Journal Indexed in ESCI)
- II. **Effectiveness of Fly Ash in Boron Removal from Tuzla (Çanakale) Geothermal Fluid**  
Şahin O. M. , E. Bektaş T., Şanlıyüksel Yücel D.  
Environmental Research and Technology , vol.4, no.1, pp.102-107, 2021 (Refereed Journals of Other Institutions)

- III. **Boron Rejection from Aqueous Solution and Wastewater by Direct Contact Membrane Distillation, Environmental Research and Technology,**  
Ennil Bektaş T.  
Environmental Research and Technology , vol.4, no.1, pp.73-82, 2021 (Refereed Journals of Other Institutions)
- IV. **Batch and Column Studies for Removal of Sulphate from Real Wastewater Using Ion Exchange Resin**  
BEKTAŞ T. E., Eren F.  
Sakarya University Journal of Science, pp.810-816, 2019 (Refereed Journals of Other Institutions)
- V. **Utilization of activated carbon prepared from pumpkin seed shell for the removal of dyestuff from aqueous solutions and wastewater by microwave**  
DEMİRAL İ., BEKTAŞ T. E. , AYDIN ŞAMDAN C.  
International journal of scientific and technological research, vol.5, no.2, pp.68-77, 2019 (Refereed Journals of Other Institutions)
- VI. **Real textile reclamation using a combined coagulation/flocculation/membrane filtration system and the evaluation of several natural materials as flocculant aids**  
Ennil Bektaş T., Büroğul Çalışkan N.  
Gazi University Journal of Science, vol.29, no.3, pp.565-572, 2016 (Journal Indexed in ESCI)
- VII. **Kalsine Midye Kabuğunu Kullanarak Sulu Çözümlerden Fosfat Gideriminin İncelenmesi**  
KÖSE T., GÖL S. C.  
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, 2016 (Other Refereed National Journals)

## **Books & Book Chapters**

- I. **Mikroalg İşınlama Yönteminin Su Kirliliği Üzerine Uygulamaları,**  
Ennil Bektaş T.  
in: Mühendislik Bilimlerinde Akademik Çalışmalar, Ali Kılıçer, Tuncay Yılmaz, Editor, IVPE, Ankara, pp.101-109, 2019

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

- I. **Effectiveness of Fly Ash in Boron Removal from Tuzla (Çanakkale) Geothermal Fluid**  
Şahin M., Ennil Bektaş T., Şanlıyüksel Yücel D.  
5th Eurasia Waste Management Symposium, 26 - 27 October 2020, pp.216-223
- II. **Bor Tesis Atıksuyundan Çöktürme Yöntemi ile Bor Gideriminin İncelenmesi**  
TAN B., SELENGİL U., BEKTAŞ T. E.  
7th International Symposium on Academic Studies in Science, Engineering and Architecture Sciences, Ankara, Turkey, 15 - 17 November 2019, pp.428-435
- III. **Utilization of Activated Carbon Prepared from Olive-Waste Cake for the Removal of Dye from Industrial Wastewater by Microwave Radiation**  
ANGIN D., BEKTAŞ T. E.  
7th International Conference on Advanced Technologies (ICAT'xx18), Antalya, Turkey, 28 April - 01 May 2018
- IV. **Boyarmadde İçeren Atıksuların Katalitik ve Oksidant Etkili Mikroalg İşınlama Yöntemi ile Arıtılabilirliğinin İncelenmesi**  
BEKTAŞ T. E. , Göl S., Çoker F., Öztel H., Kara E.  
International Eurasian Conference on Biological and Chemical Science, 26 - 27 April 2018
- V. **Organik Madde İçeren Atıksuların Katalitik ve Oksidant Etkili Mikroalg İşınlama Yöntemi ile Arıtılabilirliğinin İncelenmesi**  
BEKTAŞ T. E. , göl s., Çoker F., Öztel H.  
International Eurasian Conference on Biological and Chemical Science, 26 - 27 April 2018
- VI. **Utilization of Activated Carbon Prepared From Pumpkin Seed Shell For The Removal of Dyestuff From Aqueous Solutions and Wastewater by Microwave Radiation**

DEMİRAL İ., BEKTAŞ T. E. , AYDIN ŞAMDAN C.

IWA2nd Regional Symposium on Water, Wastewater and Environment, 22 - 24 March 2017

**VII. Utilization of activated carbon prepared from orange pulp for the removal of dyestuff from wastewater by microwave radiation**

BEKTAŞ T. E. , ANGIN D.

9. International Conference on Sustainable Energy and Environmental Protection (SEEP2016), 22 - 25 October 2016

**VIII. Removal of dyestuff from wastewater by microwave radiation with catalysts and oxidant**

BEKTAŞ T. E.

9. International Conference on Sustainable Energy and Environmental Protection (SEEP2016), 22 - 25 October 2016

**IX. Adsorption of dyestuff from wastewater using calcined waste eggshell**

KÖSE T. E. , BETÜL K.

International Conference On Civil And Environmental Engineering (ICOCEE), 20 - 23 May 2015

**X. Study on the sorption desorption recovery performance of ion exchange resin for removing phosphate from aqueous solutions**

KÖSE T. E. , BETÜL K.

International Conference On Civil And Environmental Engineering (ICOCEE), 20 - 23 May 2015

**XI. Real textile wastewater reclamation in a combined coagulation flocculation membrane filtration and evaluation of several natural materials as flocculant aids**

KÖSE T. E. , nilüfer b.

2nd International Conference on Recycling and Reuse, 8 - 10 June 2014

**XII. Removal of Boron From Aqueous Solution by Direct Contact Membrane Distillation**

KÖSE T. E. , SELENGİL U., TAN B.

2nd International Conference on Recycling and Reuse, 4 - 06 June 2014

**XIII. Adsorption of reactive dyestuff from aqueous solutions using activated carbon prepared from safflower seed cake biocharS**

ANGIN D., KÖSE T. E. , SELENGİL U.

1st EWaS-MED International Conference, 14 - 16 April 2013

**XIV. Phosphate removal from aqueous solution by Lewatit Monoplus M600**

KÖSE T. E.

IWA Regional Conference and Exhibition on Membrane Technology and Water Reuse, 7 - 09 November 2010

**XV. Phosphate removal from aqueous solutions using waste eggshell**

KÖSE T. E. , BETÜL K.

6th Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean Countries, 21 - 23 March 2010

**XVI. Adsorption of boron from aqueous solutions using activated carbon prepared from agricultural residue**

KÖSE T. E. , DEMİRAL H., ÖZTÜRK N.

4th International Boron Symposium, 22 - 24 November 2009

**XVII. Investigation of boron removal from boron products plant wastewater by sedimentation with the use of 22 full factorial experimental design method**

KÖSE T. E. , ÖZTÜRK N.

3rd International Boron Symposium, 2 - 04 November 2006

**XVIII. Boron removal from aqueous solution by ion exchange using experimental design**

ÖZTÜRK N., KÖSE T. E.

International Workshop on Frontiers and Interfaces of Ion Exchange, 18 - 20 June 2006

**XIX. Kinetic modelling and column study of boron removal from aqueous solution by ion Exchange**

ÖZTÜRK N., KÖSE T. E.

7th World Congress of Chemical Engineering, 11 - 13 July 2005

**XX. Boron Removal from Aqueous Solution by Ion Exchange Resin Column Sorption Elution Studies**

KÖSE T. E. , ÖZTÜRK N.

2nd International Boron Symposium, 19 - 22 September 2004

**XXI. Boron Removal from Aqueous Solution by Ion Exchange Resin**

KÖSE T. E. , ÖZTÜRK N.

2nd International Boron Symposium, 19 - 22 September 2004

## **Citations**

Total Citations (WOS):254

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