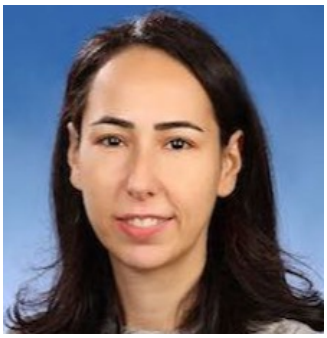
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Education Information

Post Doctorate, Duke University, School of Engineering, Environmental Engineering, United States Of America 2010 - 2011
Doctorate, Istanbul Technical University, İnşaat Fakültesi, Çevre Mühendisliği Bölümü, Turkey 2003 - 2010
Postgraduate, Istanbul Technical University, İnşaat Fakültesi, Çevre Mühendisliği Bölümü, Turkey 2000 - 2003
Undergraduate, Istanbul Technical University, İnşaat Fakültesi, Çevre Mühendisliği Bölümü, Turkey 1995 - 2000

Biography

Esra Erken is an Assistant Professor in Environmental Engineering Department at Marmara University. Her research focuses on environmental applications of nanotechnology and hydraulics of porous media. She is particularly interested in synthesizing and using nanoparticles for resource recovery, water/wastewater treatment as well as sludge management strategies, bionanotechnology and agricultural nanotechnology applications.

Foreign Languages

English, C2 Mastery

Certificates, Courses and Trainings

Environment and Sustainability, Future perspectives on environmental nanotechnology, The Royal Society of Chemistry, 2018
Environment and Sustainability, Workshop #24 entitled “Source Control & The Transformation of Your WWTP into a SWTF – Integrating DPR into the Water Resource Recovery Facility Paradigm, Water Environment Federation, 2017
Data Analysis, Minitab 17, DOE Module Education, GEMBA Academy, 2017
Environment and Sustainability, 6. Turkish-German Water Partnership, German Water Partnership, 2016
Innovation, Horizon 2020 Turkey Launch Event, Horizon, 2014
Other, TÜBİTAK Bilgi Günleri, Uluslararası Bilimsel ve Teknolojik İşbirliği Fırsatları, TÜBİTAK, 2012
Environment and Sustainability, International Conference on the Environmental Implications of NanoTechnology & EPA Nano Grantees Meeting, ICEIN, 2011
Other, The Singer Retirement Symposium, Rosenau Auditorium, University of North Carolina , 2011
Other, Duke University Workshop, Tip-Based Patterning for Bio and Nano Engineering, NanoInk, 2011
Vocational Training, Civil and Environmental Engineering Laboratory, Membrane Research Laboratory, Duke University, 2010
Other, Scaling Analysis in Modelling Transport and Reaction Processes, Istanbul Technical University, 2009
Environment and Sustainability, Atıksu Arıtma Tesisleri ve Visual Basic Uygulamaları, DSİ, 2008
Vocational Training, Schimadzu, TOC Cihazı Eğitimi , Istanbul Technical University, 2008
Vocational Training, Hach-Lange TOC Cihazı Eğitimi, Istanbul Technical University, 2007
Other, Kimyasal Ölçümlerde Belirsizlik, Uzman Akreditasyon Danışmanlık , 2007
Environment and Sustainability, “Sustainable Concepts Towards A Zero Outflow Municipality, Zer0-m, projesi kapsamında “Sürdürülebilir Kalkınma için Atıksu Yönetimi”, TÜBİTAK Kimya ve Çevre Enstitüsü, 2007
Environment and Sustainability, Arıtma Tesislerinde ve Terfi Merkezlerinde Kullanılan Dalgıç Pompalar ve Mikserler, WILO Pompa Sistemleri A.Ş., 2006
Other, Corrosion and its Prevention Practices in Industrial Cooling Water Circuits, Technical visit to HENKEL , HENKEL, 2003

Dissertations

Doctorate, Küresel olmayan malzemelerin sabit yatak hidroliği, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, Çevre Mühendisliği Bölümü, 2010
Postgraduate, İleri biyolojik atıksu arıtma tesisi çamurlarının kompostlaştırılmasında farklı katkı maddelerinin etkilerinin incelenmesi, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, Çevre Mühendisliği Bölümü, 2003

Research Areas

Environmental Engineering, Environmental Sciences, Environmental Chemistry, Environmental Technology, Waste Water Collection and Treatment, Industrial and Hazardous Waste Management, Contaminated Sites and Remediation

Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty of Engineering, Environmental Engineering, 2012 - Continues
Research Assistant, Istanbul Technical University, İnşaat Fakültesi, Çevre Mühendisliği Bölümü, 2002 - 2012

Academic and Administrative Experience

Curriculum Preparation Committee Member, Marmara University, Faculty of Engineering, Environmental Engineering, 2020 - Continues

Deputy Head of Department, Marmara University, Faculty of Engineering, Environmental Engineering, 2020 - Continues
Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Marmara University, Faculty of Engineering, Environmental Engineering, 2019 - Continues
Lab Manager, Marmara University, Faculty of Engineering, Environmental Engineering, 2018 - Continues
Accreditation of Environmental Engineering Laboratory, Istanbul Technical University, 2007 - 2010
Introduction days, Istanbul Technical University, 2003 - 2003

Courses

Wastewater Engineering Design, Undergraduate, 2022 - 2023
Engineering Project I, Undergraduate, 2022 - 2023
Principles of Environmental Engineering Unit Operations, Postgraduate, 2022 - 2023
Environmental Engineering Unit Operations, Undergraduate, 2022 - 2023
Engineering Project II, Undergraduate, 2022 - 2023
Seminer, Postgraduate, 2022 - 2023
Principles of Environmental Engineering Chemistry I, Postgraduate, 2021 - 2022
Social Work Practices, Undergraduate, 2021 - 2022
Environmental Nanotechnology, Postgraduate, 2022 - 2023
Environmental Engineering Chemistry I, Undergraduate, 2021 - 2022
Principles of Environmental Engineering Chemistry II, Postgraduate, 2022 - 2023
Hydraulic Engineering, Undergraduate, 2021 - 2022
Engineering Hydraulics, Undergraduate, 2021 - 2022
Environmental Engineering Chemistry II, Undergraduate, 2021 - 2022
Wastewater Engineering Design, Undergraduate, 2020 - 2021
Engineering Project II, Undergraduate, 2020 - 2021
Engineering Project I, Undergraduate, 2020 - 2021
Seminar, Postgraduate, 2019 - 2020
General Chemistry II, Undergraduate, 2018 - 2019
Special Topics in Environmental Engineering II, Undergraduate, 2018 - 2019
General Chemistry I, Undergraduate, 2018 - 2019
Water Engineering Design , Undergraduate, 2017 - 2018
Çevre Bilimlerine Giriş, Postgraduate, 2015 - 2016
Environmental Engineering Unit Processes, Undergraduate, 2013 - 2014

Advising Theses

Erken E., Treatment of Cataphoresis Processes wastewater with a Novel clinopti|olite G-nZVl Composite (C-GnZVI), Doctorate, A.Özdemir(Student), Continues
Erken E., Phosphate recovery using green synthesized iron nanoparticles supported on bentonite, Postgraduate, C.HÜR(Student), 2022
ERDİM E., Demir nanoparçacıkları ile sulu çözeltilerden renk giderimi, Postgraduate, E.TEKEV(Student), 2016

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Assessment of green tea-enabled iron/calcined bentonite nanocomposites for phosphate removal and recovery**
Hür C., ERKEN E.
Journal of Environmental Chemical Engineering, vol.10, no.5, 2022 (SCI-Expanded)

II. **INSIGHTS INTO GREEN SYNTHESIS OF CLINOPTILOLITE SUPPORTED IRON NANOPARTICLES NITRATE REMOVAL FROM AUTOMOTIVE INDUSTRY**
Aliyazicioğlu Ç., Erken E.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.31, no.8, pp.8010-8021, 2022 (SCI-Expanded)

III. **Overcoming challenges in mainstream Anammox applications: Utilization of nanoscale zero valent iron (nZVI)**
ERDİM E., Ozkan Z. Y., Kurt H., KOCAMEMİ B.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.651, pp.3023-3033, 2019 (SCI-Expanded)

IV. **Rapid decolorization of textile wastewater by green synthesized iron nanoparticles**
Ozkan Z., Cakirgoz M., Kaymak E. S., Erdim E.
WATER SCIENCE AND TECHNOLOGY, vol.77, no.2, pp.511-517, 2018 (SCI-Expanded)

V. **A revisit of pressure drop-flow rate correlations for packed beds of spheres**
Erdim E., Akgiray Ö., Demir İ.
POWDER TECHNOLOGY, vol.283, pp.488-504, 2015 (SCI-Expanded)

VI. **Characterizing reactive oxygen generation and bacterial inactivation by a zerovalent iron-fullerene nano-composite device at neutral pH under UV-A illumination**
Erdim E., Badireddy A. R., Wiesner M. R.
JOURNAL OF HAZARDOUS MATERIALS, vol.283, pp.80-88, 2015 (SCI-Expanded)

VII. **Occurrence of THM and NDMA precursors in a watershed: Effect of seasons and anthropogenic pollution**
Aydin E., Yaman F. B., Genceli E. A., Topuz E., Erdim E., Gürel M., Ipek M., Pehlivanoglu-Mantas E.
JOURNAL OF HAZARDOUS MATERIALS, vol.221, pp.86-91, 2012 (SCI-Expanded)

VIII. **Hybrid photocatalysis/submerged microfiltration membrane system for drinking water treatment**
Erdim E., Soyer E., Tasiyici S., Koyuncu İ.
DESALINATION AND WATER TREATMENT, vol.9, pp.165-174, 2009 (SCI-Expanded)

IX. **Natural and modified zeolite utilization in submerged membrane reactor for potable water treatment**
Soyer E., Erdim E., Tasiyici S., Koyuncu İ.
DESALINATION AND WATER TREATMENT, vol.9, pp.201-210, 2009 (SCI-Expanded)

X. **Advanced oxidation treatment of physico-chemically pre-treated olive mill industry effluent**
Gomec C. Y., Erdim E., Turan I., Aydin A. E., Ozturk I.
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART B-PESTICIDES FOOD CONTAMINANTS AND AGRICULTURAL WASTES, vol.42, no.6, pp.741-747, 2007 (SCI-Expanded)

XI. **Evaluation of sludge management alternatives in Istanbul metropolitan area**
Cakmakci M., Erdim E., Kinaci C., Akca L.
WATER SCIENCE AND TECHNOLOGY, vol.51, no.11, pp.121-129, 2005 (SCI-Expanded)

Articles Published in Other Journals

I. **Atıksular ve Atıksu Arıtma Çamurları ile Covid-19 Takibi: Türkiye Örneği, Türk Müşavir Mühendisler ve Mimarlar Birliği**
KOCAMEMİ B., kurt h., ERKEN E., SAATÇI A. M.
tm-Teknik Müşavir, pp.6-9, 2021 (Non Peer-Reviewed Journal)

II. **Sıfır Değerlikli Demir Nanoparçacık (nZVI) ile Sulu Çözeltilerden Metil Oranj Giderimi**
ERKEN E.
International journal of advances in engineering and pure sciences (Online), vol.33, no.3, pp.415-421, 2021 (Peer-Reviewed Journal)

III. **Farklı filtre malzemeleri için temiz yatak yük kayıplarının belirlenmesi**
Erdim E., Demir İ., Akgiray Ö.
itüdergisi/e Su Kirlenmesi Kontrolü, vol.20, no.1, pp.111-119, 2010 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Atıksu Bazlı Epidemiyoloji Çalışmaları ile Covid-19 Yayılımının İncelenmesi**
Kocamemi B., Erken E.
Tarım ve Orman Bakanlığı Türkiye Su Enstitüsü, İstanbul, 2022

II. **Nationwide Tracking of Covid-19 Spread by Wastewater Based Epidemiology (WBE)**
Kocamemi B., Erken E.
Ministry of Agriculture and Forestry of Republic of Turkiye -Turkish Water Institute, İstanbul, 2022

III. **Wastewater-Based Epidemiology (WBE) Studies for Monitoring of Covid-19 Spread**
KOCAMEMİ B., Kurt H., ERKEN E., SAATÇI A. M.
in: Water and Wastewater Management-Global Problems and Measures, Müfit Bahadır, Andreas Haarstrick, Editor, Springer International Publishing, Cham, pp.163-179, 2022

IV. **Bitkisel Sistemlerde Nanoteknolojik Uygulamalar**
Erdim E., Aydin Y., Altınkut Uncuoğlu A., Vardar Sukan F.
in: Bitki Biyoteknolojisinde Güncel Yaklaşımlar, Yelda Özden Çitfçi,Ahu Altınkut Uncuoğlu, Editor, Palme Yayın Dağıtım, İstanbul, pp.69-82, 2019

V. **Su Arıtma Tesisleri İşletimi**
Saatçi A. M., AKGİRAY Ö., SOYER E., ERDİM E., YİĞİT HUNCE S.
Türkiye Belediyeler Birliği, Ankara, 2016

Refereed Congress / Symposium Publications in Proceedings

I. **Karasudan Geri Kazanılan Polifenoller ile Demir Nanoparçacık Sentezi**
Hür C., Özcan İ., Elşan K., Kaya E., Yazıcı A., Erken E.
Türkiye'de Katı Atık Yönetimi ve Çevre Sorunları Sempozyumu, İstanbul, Turkey, 24 - 26 October 2022, pp.95-108

II. **Nanoscale Zero Valent Iron Enhanced Mainstream Anammox Application : A Long-term Evaluation With Real Sewage**
Kocamemi B., Erken E., Kurt H.
The IWA World Water Congress & Exhibition, Kobenhavn, Denmark, 11 September 2022

III. **A Novel Approach in nZVI Synthesis: Reducing Agent Hydrazine Recovery from Deammonification Wastewater**
Erken E., Kocamemi B., Hür C.
4th IWA Resource Recovery Conference, İstanbul, Turkey, 05 September 2021

IV. **Removal of Phosphate from Aqueous Solutions Using Supported Engineered Nanoparticles**
Hür C., Erken E.
12th Eastern European Young Water Professionals Conference, Riga, Latvia, 31 March - 02 April 2021, pp.144-145

V. **Recovery of Phosphate from Aqueous Solutions Using Supported Engineered Nanoparticles**
Erken E., Hür C.
5th Euroasia Waste Management Symposium, İstanbul, Turkey, 26 October 2020, pp.224-228

VI. **Fate of Phosphorus in Centrate and Mainstream MBBR Deammonification Systems**
KOCAMEMİ B., ERKEN E., ÇELİK S., ŞENOL A. B., YETGİN S.
IWA Nutrient Recovery & Removal Conference, Espoo, Finland, 01 September 2020

VII. **Accelerating Biofilm Formation in a Single Stage Mainstream Deammonification Moving Bed Biofilm Reactor (MBBR): The Use of nZVI and Polymers**
ÇELİK S., YETGİN S., ERKEN E., KOCAMEMİ B.
11th IWA EE YWP Conference: Water for All, Water for Nature, Reliable Water Supply, Wastewater, Treatment and Reuse, Prag, Czech Republic, 01 October 2019

VIII. **Can We Benefit From Hydroxylamine and Hydrazine Generating In Anammox Reactors? : The Possible Use In Nanobiotechnology Applications**
Erdim E., Kocamemi B.

3rd IWA Resource Recovery Conference, Venice, Italy, 08 September 2019

IX. **Investigation of Different Nanoparticles as Potential Fertilizer for Sunflowers**
Özkurt K., Özgören Can T., Erdim E., Aydın Y., Özden Çiftçi Y., Altınkut Uncuoğlu A.
II. International Green Biotechnology Congress, İstanbul, Turkey, 9 - 11 September 2019, pp.49

X. **Engineered Iron Nanoparticles via Green Routes andTheir Applications for Textile Wastewater Treatment**
YÜCESOY ÖZKAN Z., Sağırkaya F., Terzi M., M Mohib R., ERDİM E.
3rd Ewas İnternational Conference, Lefkada Island, Greece, 27 - 30 June 2018, vol.2, pp.658

XI. **Reuse potential of Cataphoresis wastewaters in automotive industry**
Karacal P., Aliyazıcıoğlu Özdemir Ç., Erdim E., Babuna F. F.
International Conference Protection and Restoration of the Environment XIV, Thessaloniki, Greece, 3 - 06 July 2018, pp.1184-1192

XII. **Removal of Nonylphenol and Octylphenol from Aqueous Solutions by a Novel Nano-Composite (ZVI/Fullerene)**
Hacıosmanoğlu G. G., Yücesoy Özkan Z., Can Z. S., Genç S., Erdim E., Soyer E., Pehlivanoğlu Mantaş E.
3rd Ewas International Conference, Levkas, Greece, 27 - 30 June 2018, vol.2, pp.654

XIII. **Recovery and valorisation of phenolic compounds from Table Olive Processing Wastewater (TOPW) through adsorption**
ERDİM E., YÜCESOY ÖZKAN Z.
10th Eastern European IWA YWP Conference, 7 - 12 May 2018

XIV. **The effects of Nano Zero Valent Iron (ZVI)Particles on Anaerobic Ammonium Oxidation (Anammox) Process**
Kocamemi B., Fırat Z., Erdim E.
ICOCEE, İzmir, Turkey, 24 - 27 April 2018

XV. **Rapid Decolorization of Textile Wastewater by Green Synthesized Iron Nanoparticles.**
YÜCESOY ÖZKAN Z., Çakırgöz M., Kaymak E. S., ERDİM E.
9th IWA YWP, Budapest, Hungary, 24 - 27 May 2017

XVI. **Biosynthesized Iron Nanoparticle Mediated Degradation of Industrial Wastewater,.**
YÜCESOY ÖZKAN Z., Terzi M., Sağırkaya F., ERDİM E.
2nd International Conference on Civil and Environmental Engineering (ICOCEE Cappadocia-2017), Nevşehir, Turkey, 8 - 10 May 2017

XVII. **Removal of Industrial Xenoestrogens by using Zero Valent Iron Nanoparticles**
Hacıosmanoğlu G. G., Yücesoy Özkan Z., Soyer E., Genç S., Can Z. S., Erdim E.
International Conference on Civil and Environmental Engineering, Nevşehir, Turkey, 8 - 10 May 2017

XVIII. **Enhancement of Anaerobic Ammonium Oxidation (Anammox) Process: The use of one-pot synthesized nanoscale zero-valent iron (nZVI).**
ERDİM E., YÜCESOY ÖZKAN Z., Kurt H., Dilsizoğlu N., Çetin S., Şanlı F., KOCAMEMİ B.
WEFTEC 2017, Chicago, United States Of America, 30 September - 04 November 2017

XIX. **Batık Membran Sistemleri ile İçme Suyu Arıtımı**
Akdağlı M., Taşıyıcı S., SOYER E., ERKEN E., ÇAKMAKCI M., UYAK V., KOYUNCU İ.
MEMTEK Membran Teknolojileri ve Uygulamaları Sempozyumu, İstanbul, Turkey, 02 November 2009

XX. **Decomposition of NOM by Ultrasonic Irradiation in a Submerged Membrane System**
SOYER E., ERDİM E., TAŞIYICI S., KOYUNCU İ.
5th IWA Specialized Membrane Technology Conference for Water and Wastewater Treatment, Beijing, P.R. China, Beijing, China, 1 - 03 September 2009

XXI. **Pre adsorption of NOM in a Submerged Membrane Adsorption Hybrid System for Potable Water Treatment**
SOYER E., ERDİM E., TAŞYICI S., KOYUNCU İ.
5th IWA Specialized Membrane Technology Conference for Water and Wastewater Treatment, Beijing, P.R. China, Beijing, China, 1 - 03 September 2009

XXII. **New Methods to Decrease Fouling on Ultrafiltration Submerged Membrane System**

KOYUNCU İ., ERDİM E., SOYER E., TAŞIYICI S.
IWA Nanoparticle and Particle Separation Conference, Durham, NC, Durham, Canada, 3 - 05 June 2009

XXIII. **İçme sularında nanopartiküller**
Koyuncu İ., Soyer E., Erken E., Wıesner M.
İTÜ Nano-Bilim and Nano-Teknoloji Çalıştayı, İstanbul, Turkey, 12 February 2009

XXIV. **Su ve Atıksu Arıtımında Membran Teknolojisi**
KOYUNCU İ., KESKİNLER B., KINACI C., SOYER E., ERKEN E., ÖZGÜN ERŞAHİN H., KAYAALP N., ERŞAHİN M. E., Wiesner M., Tarabara V., et al.
İTÜ Nano-Bilim and Nano-Teknoloji Çalıştayı, İstanbul, Turkey, 12 February 2009

XXV. **Kirlenmiş Havzalardan Beslenen İçme Suyu Arıtma Tesisleri için İyileştirme Teknikleri**
SOYER E., ERDİM E., AKGİRAY Ö., SAATÇI A. M.
Kent Yönetimi İnsan ve Çevre Sorunları Sempozyumu, İstanbul, İstanbul, Turkey, 3 - 06 November 2008

XXVI. **Assessment of Continuous and Intermittent Application of UV TiO2 in Hybrid Photocatalysis Submerged Membrane System**
ERDİM E., SOYER E., TAŞIYICI S., KOYUNCU İ.
Conference on Membranes in Drinking Water Production and Waste Water Treatment, Toulouse, France, Toulouse, France, 20 - 24 October 2008

XXVII. **Utilization of Modified Natural Zeolite in Submerged Membrane Reactors for Potable Water Treatment**
SOYER E., ERDİM E., TAŞIYICI S., KOYUNCU İ.
Conference on Membranes in Drinking Water Production and Waste Water Treatment, Toulouse, France, Toulouse, France, 20 - 24 October 2008

XXVIII. **Reuse of Segregated Textile Effluents by Membrane Technologies**
KOYUNCU İ., DEMİRAL N., ERDİM E., SOYER E., ARSLAN A.
Proceedings of IWA Regional Conference on Membrane Technologies in Water and Waste Water Treatment, Moscow, Russia, Moscow, Russia, 2 - 04 June 2008

XXIX. **Investigation of In-Sewer Treatment Processes**
Büyük E., ERKEN E., AKCA L.
14th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, Sevilla, Spain, 10 October 2007

XXX. **Remediation of drilling muds at Thrace region**
KAYAALP N., ÇAKMAKCI M., ERKEN E., AKCA L., KINACI C.
Facing Sludge Diversities Challenges, Risks & Opportunities, Antalya, Turkey, 28 March 2007

XXXI. **Sludge conditioning, dewatering and composting experiences on a Wet Corn Milling Industry**
Gömeç Ç. Y., ERKEN E., DEMİR İ., Tezer H., ÖZTÜRK İ.
IWA Specialized Conference-Sustainable sludge management: state of the art, challenges and perspectives, Moskva, Russia, 29 May 2006

XXXII. **Advanced oxidation treatment of physico-chemically pre-treated olive mill industry effluent**
Gömeç Ç. Y., ERKEN E., Turan İ., Aydın A. F., ÖZTÜRK İ.
Proc. 7th International Symposium on Waste Management Problems in Agro-Industries, Amsterdam, Netherlands, 01 January 2006

XXXIII. **Significance and Control of Scaling for Anaerobic Digesters Treating Young Landfill Leachates**
ALP K., ELDEM N., Gömeç Ç. Y., ERKEN E., ÖZTÜRK İ.
Proceedings of the 4th International Symposium on Anaerobic Digestion of Solid Waste, Kopenhag, Denmark, 31 August - 02 September 2005

XXXIV. **Advanced Full-Scale Post Treatment Experiences on Anaerobic Expended Bed Bioreactor Effluent From a Corn Milling Industry**
Gömeç Ç. Y., ERKEN E., ÖZTÜRK İ.
Proceedings of the 10th World Congress on Anaerobic Bioconversion...Answer for Sustainability, Ottova, Canada, 29 August 2004

XXXV. **Sludge management in İstanbul metropolitan area**

ÇAKMAKCI M., ERKEN E., KINACI C., AKCA L.
Fourth International Black Sea Conference Environmental Protection Technologies for Coastal Areas, Varna, Bulgaria, 09 June 2004

XXXVI. **Odayeri Kemerburgaz Katı Atık Depolama Tesisi Sızıntı Suyunda Çökelme Problemi**
ALP K., ERKEN E., ELDEM N., ÖZTÜRK İ.
.Endüstriyel Kirlenme Kontrolü Sempozyumu, İstanbul, Turkey, 02 June 2004

XXXVII. **Settling and Dewatering Characteristics of Low-Turbidity Alum Sludges**
ERKEN E., Sızdırıcı B., AKCA L.
Resources from Sludge: Forging New Frontiers, Singapore, 02 March 2004

XXXVIII. **Alum çamurlarının şartlandırılması**
Sızdırıcı B., AKCA L., ERKEN E.
Türkiye'de Çevre Kirlenmesi Öncelikleri Sempozyumu IV, Kocaeli, Turkey, 09 October 2003

Other Publications

I. **Atıksular ve Atıksu Çamurları ile Covid19 Takibi: Türkiye Örneği**
Kocamemi B., Kurt H., Erken E., Saatci A. M.
Other, pp.6-9, 2021

Supported Projects

Erken E., TUBITAK Project, Phosphate Recovery by Green Synthesized Iron Nanocomposite from Dairy Industry Digester Supernatant, 2023 - 2024

Erken E., TUBITAK Project, Investigation of Dyestuff Removal Efficiency of Persulfate Activated Iron Nanoparticles, 2023 - 2024

Erken E., TUBITAK Project, Karasudan geri kazanılan polifenoller ile demir nanoparçacık sentezi ve atıksu arıtımında kullanımı, 2022 - 2023

Güven Ö., Kocamemi B., Erken E., Kurt H., TÜBİTAK International Bilateral Joint Cooperation Program Project, Build a SARS-CoV-2 surveillance system using sewage sludge monitoring from a community health perspective, 2021 - 2023

Erken E., Project Supported by Higher Education Institutions, Treatment and Recycle of Cataphoresis Wastewater Using Clinoptilolite/G-ZVI Nanocomposite, 2018 - 2023

Erken E., Project Supported by Higher Education Institutions, Synthesis of Metallic Nanoparticles with Polyphenol Recovered from Table Olive Processing Wastewater, 2018 - 2023

Kocamemi B., Erken E., TUBITAK Project, Nitrogen removal via ANAMMOX process in Moving Bed Biofilm Reactor (MBBR) systems, 2017 - 2021

Erdim E., Pehlivanoğlu Mantaş E., Doğruel S., TUBITAK Project, Detection of Micropollutants and Their Byproducts in Domestic Wastewater Treatment Plant Effluents with LC-MS/MS and Assessment of Novel Treatment Technologies for Reuse of Wastewater, 2015 - 2017

Erdim E., Tekev E., Project Supported by Higher Education Institutions, Sıfır değerlikli demir nanoparçacık ile sulu çözeltilerden nonilfenol giderimi, 2015 - 2016

Can Z. S., Erdim E., Yücesoy Özkan Z., Pehlivanoğlu Mantaş E., Soyer E., Genç S., TUBITAK Project, Removal of nonylphenol and octylphenol by zero valent iron nanoparticles (nZVI) and nZVI/fullerene nanocomposite, 2014 - 2016

Erdim E., Tayanç M., Project Supported by Higher Education Institutions, Use of Nanoparticles in Water and Wastewater Treatment, Marmara University, 2014 - 2016

Erdim E., Soyer E., Project Supported by Higher Education Institutions, Decolorization of Textile Industry Wastewater using Nano Zero Valent Iron Technology, 2014 - 2016

Erdim E., Soyer E., Tuğtaş Karnabat A. E., Çallı B., TUBITAK Project, Fabrication of Nanoparticle Embedded Polymeric Membranes for Water and Wastewater Treatment: Investigation of Nanoparticle Release, 2012 - 2014

Tasks In Event Organizations

Erken E., 9th World Water Forum, Scientific Congress, Dakar, Senegal, Mart 2022
Erken E., Lessons Learned from SARSCoV-2 in Wastewater Surveillance-Genomics-Early Warning, Scientific Congress, Turkey, Mayıs 2020
Erken E., 10th IWA International Specialized Conference on Diffuse Pollution and Basin Management, Scientific Congress, İstanbul, Turkey, Eylül 2006
Erken E., 9th Industrial Pollution Control Symposium, Scientific Congress, İstanbul, Turkey, Haziran 2004

Metrics

Publication: 59
Citation (WoS): 180
Citation (Scopus): 235
H-Index (WoS): 6
H-Index (Scopus): 6

Scholarships

Post-Doctoral Research Fellowship , TUBITAK, 2010 - 2011

Non Academic Experience

Organized industrial Zone, Çerkezköy O.S.B, Atıksu Arıtma Tesisi
Çerkezköy OSB
ORMAN VE SU İŞLERİ BAKANLIĞI
Company, Neu Kimya A.Ş., Neu Kimya A
Neu Kimya