

Res. Asst. PhD Sevda Esma Darama

Personal Information

Office Phone: [+90 362 312 1919](tel:+903623121919) Extension: 1014

Email: sevda.akkaya@omu.edu.tr

Web: <https://avesis.omu.edu.tr/sevda.akkaya>

Address: sevda.akkaya@omu.edu.tr

International Researcher IDs

ScholarID: pVoag1kAAAAJ

ORCID: 0000-0002-6747-4679

Publons / Web Of Science ResearcherID: AAC-4945-2019

Yoksis Researcher ID: 200436

Education Information

Doctorate, Ondokuz Mayıs University, Lisansüstü Eğitim Enstitüsü, Çevre Mühendisliği (Dr), Turkey 2015 - 2022

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği (YI) (Tezli), Turkey 2012 - 2015

Undergraduate, Ondokuz Mayıs University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, Turkey 2007 - 2012

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, TARIMSAL VE ENDÜSTRİYEL KATI ATIKLARDAN MANYETİK KATKILI VE KATKISIZ BİYOÇAR ELDESİ VE KULLANIM OLANAKLARININ ARAŞTIRILMASI, Ondokuz Mayıs University, Lisansüstü Eğitim Enstitüsü, Çevre Mühendisliği (Dr), 2022

Postgraduate, Samsun ili tıbbi atık yönetimi, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği (YI) (Tezli), 2015

Research Areas

Environmental Engineering

Academic Titles / Tasks

Research Assistant PhD, Ondokuz Mayıs University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2014 - Continues

Academic and Administrative Experience

Courses

Industrial Ecology, Undergraduate, 2023 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Leaching Performance and Zinc Ions Removal from Industrial Slag Leachate Using Natural and Biochar Walnut Shell**
DARAMA S. E., GÜRKAN E. H., Terzi Ö., Çoruh S.
ENVIRONMENTAL MANAGEMENT, vol.67, no.3, pp.498-505, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **INVESTIGATION OF THE USE OF WALNUT SHELLS AS A NATURAL BIOSORBENT FOR ZINC REMOVAL**
DARAMA S. E., Mesci Oktay B., coruh s.
KSÜ Mühendislik Bilimleri Dergisi, vol.25, no.4, pp.556-564, 2022 (Peer-Reviewed Journal)
- II. **Dye Removal from Aqueous Solutions Using Natural and Biochar Butt: Full Factorial Design Approach**
DARAMA S. E., ÇORUH S., TİBET Y.
Journal of the Turkish Chemical Society Section B: Chemical Engineering, vol.5, pp.67-76, 2022 (Peer-Reviewed Journal)
- III. **Ceviz Kabuğunun Doğal Biyosorbent Olarak Çinko Gideriminde Kullanılmasının Araştırılması**
DARAMA S. E., MESCİ OKTAY B., ÇORUH S.
KSÜ Mühendislik Bilimleri Dergisi, 2022 (Peer-Reviewed Journal)
- IV. **Crystal Violet Removal Study with Natural and Biochar Prina from Aqueous Solutions**
DARAMA S. E., Uçar Ö., ÇORUH S.
Bulletin of Biotechnology, vol.2, no.1, pp.1-5, 2021 (Peer-Reviewed Journal)
- V. **Removal of Methyl Red from Aqueous Solutions with Natural and Biochar Prina: A Full Factorial Modeling Study**
DARAMA S. E., ÇORUH S., Tibet Y.
Eurasian Journal of Biological and Chemical Sciences, vol.3, no.1, pp.175-179, 2020 (Peer-Reviewed Journal)
- VI. **Investigation of the removal of malachite green and copper ions by dual system using natural and biochar pea shells**
DARAMA S. E., ÇORUH S.
Bulletin of Biotechnology, vol.1, no.2, pp.45-51, 2020 (Peer-Reviewed Journal)
- VII. **Removal of Methyl red from Aqueous Solutions with Natural and Biochar Prina: A Full Factorial Modelling Study**
DARAMA S. E., ÇORUH S., Tibet Y.
Eurasian journal of Biological and Chemical Science, vol.3, no.1, pp.175-179, 2020 (Peer-Reviewed Journal)
- VIII. **The Performance of heavy Metal leaching from Copper and Zinc slags using Natural and Waste Materials**
DARAMA S. E., MESCİ OKTAY B., ÇORUH S.
International Journal of Emerging Technology and Advanced Engineering, vol.9, no.5, pp.25-31, 2019 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Domates Yetiştirilen Topraksız Seralarda Atıklar ve Atık Yönetimi**

Refereed Congress / Symposium Publications in Proceedings

- I. **Natural Material and Natural Material Additive Alginate Based Microcurrent Synthesis and Malachite Green Removal from Wastewaters**
Karpuz G., DARAMA S. E., ÇORUH S.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), Ankara/Online, Turkey, 19 - 20 March 2020, pp.627-633
- II. **Removal of Methyl Red from Aqueous Solutions with Natural and Biochar Prina: A Full Factorial Modeling Study**
DARAMA S. E., ÇORUH S., tibet y.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), 19 - 20 March 2020
- III. **Investigation of the Removal of Malachite Green and Copper Ions by Dual System Using Natural and Biochar Pea Shells**
DARAMA S. E., ÇORUH S.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), 19 March 2022 - 20 March 2020
- IV. **LEACHING PERFORMANCE AND ZINC IONS REMOVAL FROM INDUSTRIAL SLAG LEACHATE USING NATURAL AND BIOCHAR WALNUT SHELL**
DARAMA S. E., GÜRKAN E. H., terzi Ö., ÇORUH S.
3rd international water and health congress, Antalya, Turkey, 12 - 15 November 2019, pp.513-517
- V. **Leaching Performance And Zinc Ions Removal From Industrial Slag Leachate Using Natural And Biochar Walnut Shell**
DARAMA S. E., GÜRKAN E. H., TERZİ Ö., ÇORUH S.
3. Uluslararası Su ve Sağlık Kongresi, 12 - 15 November 2019, pp.513-217
- VI. **Use of Natural and Modified Walnut Shells for Zinc Removal from Aqueous Solutions**
DARAMA S. E., ÇORUH S.
World Conference on Sustainable Life Sciences WOCOLS' 2019 Budapeşte, 30 June - 07 July 2019
- VII. **Adsorption Modelling of Removal of Malachite Green Dye from Aqueous Solution Using Natural and Biochar Butt**
DARAMA S. E., ÇORUH S.
World Conference on Sustainable Life Sciences WOCOLS' 2019 Budapeşte., 30 June - 07 July 2019
- VIII. **Application of biocahr prepared from walnut shell for removal of malachite green dye**
ÇORUH S., AKKAYA S. E.
EurasianSciEnTech 2018, 22 - 23 November 2018
- IX. **The Influence of Thermal Activation on the removal of Copper Ions from Aqueous Solutiin using Pea Shell**
AKKAYA S. E., ÇORUH S.
EurasianSciEnTech 2018, 21 - 23 November 2018
- X. **Investigation of sustainable bulding materials**
MESÇİ OKTAY B., AKKAYA S. E., ÇORUH S.
3rd international conference on material science and technology in Cappadocia (IMSTEC'xx18), 17 - 19 September 2018
- XI. **The performance of heavy metal leaching from copper and zinc slags using natural and waste materials**
AKKAYA S. E., MESÇİ OKTAY B., ÇORUH S.
3rd international conference on material science and technology in Cappadocia (IMSTEC'xx18), 17 - 19 September

2018

- XII. **Highly Efficient Adsorption of Congo Red Dye by Acid Activated Walnut Shells**
UYSAL Y., AKKAYA S. E., ÇORUH S.
INTERNATIONAL ECOLOGY 2018 SYMPOSIUM, Kastamonu, Turkey, 19 - 23 June 2018, pp.943
- XIII. **Removal of malachite green dye with natural and modified pea shells from aqueous solutions**
AKKAYA S. E., ÇORUH S.
Uluslararası Su ve Çevre Kongresi, 22 - 24 March 2018
- XIV. **Zinc slag as fine aggregate in cement concrete**
AKKAYA S. E., MESCİ OKTAY B., ÇORUH S.
7th international conference on advanced technologies, 28 April - 01 May 2018
- XV. **Evaluation of the heavy metal leachability from cement pastes made from zinc plant waste**
AKKAYA S. E., MESCİ OKTAY B., ÇORUH S.
7th international conference on advanced technologies (ICAT'xx18), 28 April - 01 May 2018
- XVI. **Methyl red removal from aqueous solutions using natural and biochar prina: Full factorial design approach**
MESCİ OKTAY B., AKKAYA S. E., ÇORUH S.
International eurasian conference on biological and chemical sciences (EurasianBioChem 2018), 26 - 27 April 2018
- XVII. **Simultaneous removal of heavy metal and dye using natural pea shell: A study in binary system**
MESCİ OKTAY B., AKKAYA S. E., ÇORUH S.
International eurasian conference on biological and chemical sciences (EurasianBioChem 2018), 26 - 27 April 2018
- XVIII. **Use of natural modified pirina for copper removal from aqueous solutions**
AKKAYA S. E., ÇORUH S.
Uluslararası su ve çevre kongresi SUÇEV 2018, 22 - 24 March 2018
- XIX. **Removal of malahite green dye with natural and modified ea shells from aqueous solutions**
AKKAYA S. E., ÇORUH S.
Uluslararası su ve çevre kongresi SUÇEV 2018, 22 - 24 March 2018
- XX. **The usege of clay minerals for the elimination of heavy metal, dye, floride and ammonia in waste water**
AKKAYA S. E., ERGUN O. N.
4th International water congress, 2 - 04 September 2017
- XXI. **Investigation of Characterization and composition of medical wastes of Ondokuz Mayıs University Dentistry Faculty**
AKKAYA S. E., ERGUN O. N.
2nd International Conference of Civil and Environmental Engineering, 8 - 10 May 2017
- XXII. **The use of Bioethanol, as an Alternative Energy Source**
AKKAYA S. E.
2nd International Conference on Civil and environmental Engineering, 8 - 10 May 2017
- XXIII. **Noise Pollution in the Metropolitan City Center of Samsun Turkey**
AKKAYA S. E., YONTAR O., ERGUN O. N.
İSTANBUL INTERNATIONAL CONFERENCE ON PROGRES IN APPLIED SCIENCE 2017 – ICPAS 2017, 4 - 06 January 2017
- XXIV. **Integrated solid waste Management in the metropolitan City Center of SAMSUN TURKEY**
AKKAYA S. E., ERGUN O. N.
EURASIA 2016 Waste Management Symposium, İstanbul, Turkey, 2 - 04 May 2016, pp.1-6
- XXV. **Integrated Solid Waste Management in the Metropolitan City Centre of Samsun Turkey**
AKKAYA S. E., ERGUN O. N.
EURASIA WASTE MANAGEMENT SYMPOSIUM, 2 - 04 May 2016
- XXVI. **SAMSUN DA TIBBİ ATIK YÖNETİMİ**
AKKAYA S. E., ERGUN O. N.

7. ULUSAL KATI ATIK YÖNETİMİ KONGRESİ UKAY 2015, Turkey, 14 - 16 October 2015