

Assoc. Prof. Eda Gökırmak Söğüt

Personal Information

Office Phone: [+90 432 225 1701](tel:+904322251701) Extension: 28307

Office Phone: [+90 432 444 5065](tel:+904324445065) Extension: 28307

Email: edagokirmak@yyu.edu.tr

Web: <https://avesis.yyu.edu.tr/edagokirmak>

International Researcher IDs

ScholarID: OfoXmyIAAAAJ

ORCID: 0000-0002-7707-3924

Publons / Web Of Science ResearcherID: E-9041-2010

ScopusID: 36612447200

Yoksis Researcher ID: 250218

Education Information

Doctorate, Van Yüzüncü Yıl University, Fen Fakültesi, Kimya/Fizikokimya, Turkey 2006 - 2015

Postgraduate, Van Yüzüncü Yıl University, Fen-Edebiyat , Kimya/Fizikokimya, Turkey 2002 - 2006

Undergraduate, Van Yüzüncü Yıl University, Fen-Edebiyat , Kimya, Turkey 1998 - 2002

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Health&Medicine, İlk Yardım, THE MINISTRY of NATIONAL EDUCATION, 2021

Vocational Training, Eğiticilerin eğitimi , Yüzüncü Yıl Üniversitesi , 2021

Education Management and Planning, Erasmus Staff Mobility, University College London, 2019

Education Management and Planning, Training, Bristol University , 2018

Vocational Training, Temel Afet Bilinci, Van İl AFAD Müdürlüğü, 2016

Occupational Health and Safety, C İş Sağlığı ve Güvenliği, C İş Sağlığı ve Güvenliği, 2012

Dissertations

Doctorate, Çaldıran-Van diatomiti: Modifikasyonu ve fizikokimyasal özellikleri, Van Yüzüncü Yıl University, Kimya, Fizikokimya, 2015

Postgraduate, Kil mineralleri üzerine ağır metal adsorpsiyonu, Van Yüzüncü Yıl University, Kimya, Fizikokimya, 2006

Research Areas

Chemistry, Physical Chemistry, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma ve Güvenlik, 2018 - Continues
Assistant Professor, Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma ve Güvenlik, 2016 - 2018

Academic and Administrative Experience

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma Ve Güvenlik, 2022 - Continues
Birim Kalite Komisyonu Üyesi, Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma Ve Güvenlik, 2022 - Continues
Curriculum Preparation Committee Member, Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma Ve Güvenlik, 2019 - Continues
Exam Program Preparation Commission Member, Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma Ve Güvenlik, 2019 - Continues
Meslek Yüksekokulu Yönetim Kurulu Üyesi, Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma Ve Güvenlik, 2019 - Continues
Assistant Director of Vocational School, Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma Ve Güvenlik, 2019 - Continues
Meslek Yüksekokulu Kurulu Üyesi, Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma Ve Güvenlik, 2018 - Continues
Erasmus Program Department Coordinator, Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma Ve Güvenlik, 2018 - Continues
Head of the Department Bologna Commission, Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma Ve Güvenlik, 2018 - Continues
Mevlana Exchange Program Department Coordinator, Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma Ve Güvenlik, 2018 - Continues
Farabi Program Department Coordinator, Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma Ve Güvenlik, 2018 - Continues
Internship Committee Member, Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma Ve Güvenlik, 2018 - Continues
Deputy Head of Department, Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma Ve Güvenlik, 2016 - Continues
Rektörlük Akademik Teşvik Değerlendirme Komisyonu Üyesi, Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma Ve Güvenlik, 2019 - 2022

Courses

Çevresel Risk Değerlendirmesi, Doctorate, 2024 - 2025
İş Sağlığı ve Güvenliği, Associate Degree, 2024 - 2025
Acil Durum Yönetimi, Doctorate, 2024 - 2025
Fiziksel, Kimyasal ve Biyolojik Risk Etmenleri, Associate Degree, 2024 - 2025
Adsorpsiyon Uygulamaları, Postgraduate, 2024 - 2025
Ergonomi, Postgraduate, 2024 - 2025
Sivil Savunma Bilgisi, Associate Degree, 2024 - 2025
MESLEK ETİĞİ, Associate Degree, 2017 - 2018
İŞ SAĞLIĞI VE GÜVENLİĞİ, Associate Degree, 2017 - 2018

Advising Graduates (Non-Thesis)

- Gökırmak Söğüt E., Investigation of occupational health and safety training given in educational institutions, Masters (Non-Thesis), R.ESEN(Student), 2024
- Gökırmak Söğüt E., Effects on the sociology of culture and education within the framework of occupational health and safety, Masters (Non-Thesis), Z.YELİZ(Student), 2024
- Gökırmak Söğüt E., Examination of occupational health and safety in electricity distribution networks, Masters (Non-Thesis), N.TALYAK(Student), 2024
- Gökırmak Söğüt E., Occupational health and safety and ergonomics, Masters (Non-Thesis), E.YILDIRIM(Student), 2024
- Gökırmak Söğüt E., The importance of leadership style in terms of work safety, Masters (Non-Thesis), H.AVCİ(Student), 2023
- Gökırmak Söğüt E., Ergonomic risks in office workers, Masters (Non-Thesis), A.ÇELEBİ(Student), 2023
- Gökırmak Söğüt E., The effect of occupational health and safety activities on employees' job satisfaction and organizational identification, Masters (Non-Thesis), N.ABAK(Student), 2022
- Gökırmak Söğüt E., The effect of occupational health and safety training given to law enforcement personnel on occupational safety culture, Masters (Non-Thesis), Y.ATEŞ(Student), 2022
- Gökırmak Söğüt E., The importance of personal protective equipment in construction and raising awareness of employees, Masters (Non-Thesis), Ö.ŞİMŞEK(Student), 2022
- Gökırmak Söğüt E., Examination of occupational health and safety training given in educational institutions, Masters (Non-Thesis), İ.ERDİNÇ(Student), 2022
- Gökırmak Söğüt E., The effects of mobbing that security employees are exposed to on their perception of Occupational Health and Safety, Masters (Non-Thesis), M.ÇETİNKAYA(Student), 2022
- Gökırmak Söğüt E., Occupational health and safety practices and sample risk assessment in marble quarries, Masters (Non-Thesis), A.ÇELEBİOĞLU(Student), 2022
- Gökırmak Söğüt E., Ergonomic risk factors, Masters (Non-Thesis), C.ÜNAL(Student), 2022

Jury Memberships

- Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Van Yüzüncü Yıl Üniversitesi, December, 2020
- Post Graduate, Tez Savunma Jürisi, Yüzüncü Yıl Üniversitesi, December, 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Adsorption of uranium (VI) from aqueous solutions using boron nitride/polyindole composite adsorbent**
EMRE D., Selçuk Zorer Ö., BİLİCİ A., Budak E., YILMAZ S., Kilic N. C., Sogut E. G.
Journal of Applied Polymer Science, vol.141, no.4, 2024 (SCI-Expanded)
- II. **GO ve GO-EDTA kullanılarak sulu çözeltilerden Thioflavin T ve Co (II) iyonlarının uzaklaştırılması; adsorpsiyon parametrelerinin araştırılması**
Gökırmak Söğüt E., Çelebi M.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.39, no.1, pp.371-383, 2024 (SCI-Expanded)
- III. **Superior Adsorption Efficiency of MIL-101 (Cr) and Nano-MIL-101 (Cr) in Anionic and Cationic Dye Removal from Aqueous Solution**
Gökırmak Söğüt E.
ChemistrySelect, vol.8, no.21, 2023 (SCI-Expanded)
- IV. **Porous graphitic carbon nitride nanosheets coated with polyfluorene for removal of Malachite green and Methylene blue dyes and Cu (II) ions**

Gökırmak Söğüt E., EMRE D., BİLİCİ A., Çalışkan Kılıç N., YILMAZ S.

MATERIALS CHEMISTRY AND PHYSICS, vol.290, 2022 (SCI-Expanded)

- V. **Effect of Chemical and Thermal Treatment Priority on Physicochemical Properties and Removal of Crystal Violet Dye from Aqueous Solution**
Gökırmak Söğüt E.
CHEMISTRYSELECT, vol.7, no.19, 2022 (SCI-Expanded)
- VI. **High-efficiency removal of cationic dye and heavy metal ions from aqueous solution using amino-functionalized graphene oxide, adsorption isotherms, kinetics studies, and mechanism**
Çelebi M., Gökırmak Söğüt E.
TURKISH JOURNAL OF CHEMISTRY, vol.46, no.5, pp.1577-1593, 2022 (SCI-Expanded)
- VII. **Methylene blue adsorption from aqueous solution by functionalized perlites: an experimental and computational chemistry study**
Gökırmak Söğüt E., Ergan E., Çalışkan Kılıç N., Dönmez H., Akbaş E.
Desalination And Water Treatment, vol.217, pp.391-410, 2021 (SCI-Expanded)
- VIII. **The effect of mercapto-functionalization of thermo-acid activated diatomite for dye removal from aqueous solutions**
Sogut E., Kilic N.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, 2020 (SCI-Expanded)
- IX. **Enhancement of adsorption capacity of reduced graphene oxide by sulfonic acid functionalization: Malachite green and Zn (II) uptake**
Söğüt E., Karataş Y., Gülcan M., Kılıç N.
MATERIALS CHEMISTRY AND PHYSICS, vol.256, 2020 (SCI-Expanded)
- X. **Isotherm and Kinetic Studies of Pb(II) Adsorption on Raw and Modified Diatomite by Using Non-Linear Regression Method**
Gökırmak Söğüt E., Çalışkan Kılıç N.
Fresenius Environ Bull, vol.26, no.4, pp.2721-2729, 2017 (SCI-Expanded)
- XI. **Removal of Cu(II) and Cd(II) ions from aqueous solutions using local raw material as adsorbent: a study in binary systems**
Çalışkan Kılıç N., Gökırmak Söğüt E., Savran A., Kul A. R., Kubilay Ş.
DESALINATION AND WATER TREATMENT, vol.75, pp.132-147, 2017 (SCI-Expanded)
- XII. **Removal of lead, copper and cadmium ions from aqueous solution using raw and thermally modified diatomite**
Gökırmak Söğüt E., Çalışkan Kılıç N.
DESALINATION AND WATER TREATMENT, vol.58, pp.154-167, 2017 (SCI-Expanded)
- XIII. **Adsorption of Zinc(II) on diatomite and manganese-oxide-modified diatomite: A kinetic and equilibrium study**
Caliskan N., Kul A. R., Alkan S., Sogut E. G., Alacabey I.
JOURNAL OF HAZARDOUS MATERIALS, vol.193, pp.27-36, 2011 (SCI-Expanded)
- XIV. **The Natural Diatomite from Caldiran-Van (Turkey): Electroanalytical Application to Antimigraine Compound Naratriptan at Modified Carbon Paste Electrode**
Caliskan N., Sogut E., Saka C., Yardım Y., Şentürk Z.
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.13, no.8, pp.703-711, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. **Co(II) Adsorption onto Ferrous Chloride and Thermally Modified Diatomite: Surface Properties and Adsorption Mechanism**
SÖĞÜT E. G., ÇELEBİ M.
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.12, no.2, pp.307-319, 2023 (Peer-Reviewed Journal)
- II. **Adsorption of neutral red dye from aqueous solutions by natural adsorbent: an equilibrium, kinetic**

and thermodynamic study

Kul A. R., Gökırmak Söğüt E., Çalışkan Kılıç N.

Communications Faculty of Sciences University of Ankara Series B Chemistry and Chemical Engineering, vol.63, no.1, pp.27-60, 2021 (Peer-Reviewed Journal)

III. Equilibrium and kinetic studies of a cationic dye adsorption onto raw clay

Gökırmak Söğüt E., Çalışkan Kılıç N.

Journal of the Turkish Chemical Society, Section A: Chemistry, vol.7, no.3, pp.713-726, 2020 (Scopus)

Books & Book Chapters

I. Enhancement of Adsorption Capabilities by Surface Functionalization

Gökırmak Söğüt E., Gülcan M.

in: Adsorption through Advanced Nanoscale Materials: Applications in Environmental Remediation Micro and Nano Technologies, Chandrabhan Verma, Jeenat Aslam, Mohammad Ehtisham Khan, Editor, Elsevier Science, Oxford/Amsterdam, Amsterdam, pp.65-82, 2023

II. Adsorption: Introduction, Properties and Classification

Gökırmak Söğüt E., Gülcan M.

in: Adsorption through Advanced Nanoscale Materials: Applications in Environmental Remediation Micro and Nano Technologies, Chandrabhan Verma, Jeenat Aslam, Mohammad Ehtisham Khan, Editor, Elsevier Science, Oxford/Amsterdam, Amsterdam, pp.3-21, 2023

III. Biocatalysis: Fundamentals and solvent parameters

Acidereli H., Gökırmak Söğüt E., Demiroglu Mustafaov S., Gülcan M., Şen F.

in: Green Sustainable Process for Chemical and Environmental Engineering and Science (Green Solvents for Biocatalysis), Inamuddin, Rajender Boddula, Mohd Imran Ahamed, Abdullah M. Asiri, Editor, Elsevier Science, Oxford/Amsterdam, Amsterdam, pp.73-84, 2021

Refereed Congress / Symposium Publications in Proceedings

I. Removal of methyl orange (MO) and reactive blue 4 (RB4) from aqueous solution by CTAB-modified coffee waste-based activated carbon

GÖKIRMAK SÖĞÜT E.

6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023), Ankara, Turkey, 11 - 13 October 2023

II. Efficacy of sugar beet pulp as a bio-adsorbent in removing anionic and cationic dyes from aqueous solutions

Gökırmak Söğüt E.

5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022), Ankara, Turkey, 23 - 25 November 2022, pp.362-363

III. Applicability of the vinyltrimethoxysilane modified diatomite for treatment of aqueous solution containing Cu(II)

Gökırmak Söğüt E., Çalışkan Kılıç N.

4th International Conference on Applied Engineering and Natural Sciences ICAENS 2022, Konya, Turkey, 10 - 13 November 2022, pp.639-645

IV. Effect of raw material functionalization on adsorption capacity for dye removal from aqueous solution

Gökırmak Söğüt E.

th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2021), Ankara, Turkey, 24 - 26 November 2021, pp.64

V. Testing of negative surface-charged graphene derivatives as an effective adsorbents for the removal

of malachite green from water

Gökırmak Söğüt E., Karataş Y., Çalışkan Kılıç N., Gülcan M.

4th International Porous and Powder Materials Symposium and Exhibition, Muğla, Turkey, 9 - 11 October 2019, pp.5-8

- VI. **Graphene-based materials for the removal of Zn (II) from the aqueous solution: Isoterm and kinetic studies**
Gökırmak Söğüt E., Yıldırım R., Çalışkan Kılıç N., Gülcan M.
Euroanalysis XX Conference, İstanbul, Turkey, 1 - 05 September 2019, pp.367
- VII. **Adsorption of Methylene Blue Dye from Aqueous Solution by Natural Adsorbent: An Equilibrium and Kinetic Study**
Gökırmak Söğüt E., Çalışkan Kılıç N.
4th International Congress on Environmental Research and Technology (ICERAT), Atina, Greece, 14 - 18 November 2018, pp.72
- VIII. **EFFECT OF DIATOMITE MODIFICATION IN THE REMOVAL OF DYES FROM AQUEOUS SOLUTION**
Gökırmak Söğüt E., Çalışkan Kılıç N.
9th International Conference of Strategic Research on Scientific Studies and Education (ICoSReSSE), Antalya, Turkey, 19 - 21 October 2018, pp.72
- IX. **The Inhibitive Effect of a New Schiff Base Containing Pyrimidine Ring on Corrosion of Iron in HCl and H₂SO₄ Solutions**
Kılıç N., Gökırmak Söğüt E., Gülcan M., Çelebi M., Karakaş K., Sönmez M.
8th International Advanced Technologies Symposium (IATS2017), Elazığ, Turkey, 19 - 22 October 2017
- X. **Çaldıran-Van Diatomiti: Modifiye Karbon Pasta Elektrot Üzerinde Elektroanalitik Uygulaması**
Gökırmak Söğüt E., Kılıç N., Şentürk Z., Yardım Y.
XXII. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kkct), 6 - 09 October 2008, pp.40
- XI. **THE NATURAL DIATOMITE FROM CALDIRAN-VAN (TURKEY): ELECTROANALYTICAL APPLICATION AT MODIFIED CARBON PASTE ELECTRODE**
Gökırmak Söğüt E., Kılıç N., Şentürk Z., Yardım Y.
12. International Conference on Electroanalysis, Praha, Czech Republic, 16 - 19 June 2008, vol.102, no.99, pp.1234-1235

Supported Projects

Gökırmak Söğüt E., Çalışkan Kılıç N., Budak E., Yılmaz S., Emre D., Bilici A., Project Supported by Higher Education Institutions, Bor nitrür esashı yeni bir hibrit adsorbent: Sentez, karakterizasyon, yüzey özellikleri ve adsorpsiyon kapasitesinin belirlenmesi, 2022 - 2023

Gökırmak Söğüt E., Kılıç N. Ç., Project Supported by Higher Education Institutions, Diatomit ile Boya Gideriminde Modifikasyonun Etkisi, 2018 - 2019

Gökırmak Söğüt E., Çalışkan Kılıç N., Project Supported by Higher Education Institutions, Çaldıran Van Diatomiti Modifikasyonu ve Fizikokimyasal Özellikleri, 2011 - 2015

Memberships / Tasks in Scientific Organizations

Turkish Chemical Society, Member, 2019 - Continues, Turkey

Scientific Refereeing

SCIENTIFIC REPORTS, Journal Indexed in SCI-E, May 2024

JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, Journal Indexed in SCI-E, May 2024

SCIENTIFIC REPORTS, SCI Journal, March 2024

Konya mühendislik bilimleri dergisi (Online), National Scientific Refreed Journal, February 2024

Project Supported by Higher Education Institutions, BAP Research Project, Mus Alparslan University, Turkey, February 2024

TURKISH JOURNAL OF CHEMISTRY, SCI Journal, November 2023

CERAMICS INTERNATIONAL, SCI Journal, October 2023

SAĞLIK BİLİMLERİNDE GÜNCEL ARAŞTIRMALAR VE PRATİK BİLGİLER 2, Chapter Scientific / Professional Book
Published by Other Publishers, July 2023

DESALINATION AND WATER TREATMENT, Journal Indexed in SCI-E, December 2022

DESALINATION AND WATER TREATMENT, National Scientific Refreed Journal, December 2022

Project Supported by Higher Education Institutions, BAP Guided, Van Yüzüncü Yil University, Turkey, November 2022

TURKISH JOURNAL OF CHEMISTRY, SCI Journal, May 2022

PHYSICAL CHEMISTRY CHEMICAL PHYSICS, SCI Journal, February 2021

The Scientific World Journal, Other journals, November 2019

DESALINATION AND WATER TREATMENT, Journal Indexed in SCI-E, October 2018

Project Supported by Higher Education Institutions, September 2018

Metrics

Publication: 32

Citation (WoS): 236

Citation (Scopus): 277

H-Index (WoS): 7

H-Index (Scopus): 6

Awards

Çalışkan Kılıç N., Gökırmak Söğüt E., Research Award, Strategic Researches Academy and Strategic Researches Academic Publishing, October 2018