



EDA GÖKIRMAK SÖĞÜT

ASSOC. PROF.

Email : edagokirmak@yyu.edu.tr

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

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

International Researcher IDs

ScholarID: 0foXmyIAAAAJ

ORCID: 0000-0002-7707-3924

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

ScopusID: 36612447200

Yoksis Researcher ID: 250218



Learning Knowledge

Doctorate
2006 - 2015

Van Yüzüncü Yıl University, Fen Fakültesi, Kimya/Fizikokimya, Turkey

Postgraduate
2002 - 2006

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

Undergraduate
1998 - 2002

Van Yüzüncü Yıl University, Fen-Edebiyat , Kimya, Turkey

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

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

Vocational Training, Eğitimcilerin 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 Sınıfı-İş Sağlığı ve Güvenliği/İŞ GÜVENLİĞİ UZMANLIĞI/ÇASGEM-İSGGM, C İş Sağlığı ve Güvenliği, 2014

Dissertations

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

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

Supported Projects

1. Gökırmak Söğüt E., Çalışkan Kılıç N., Budak E., Yılmaz S., Emre D., Bilici A., Project Supported by Higher Education Institutions, Bor nitrür esaslı yeni bir hibrit adsorbent: Sentez, karakterizasyon, yüzey özellikleri ve adsorpsiyon kapasitesinin belirlenmesi, 2022 - 2023
2. Gökırmak Söğüt E., Kılıç N. Ç., Project Supported by Higher Education Institutions, Diatomit ile Boya Gideriminde Modifikasyonun Etkisi, 2018 - 2019
3. Gökırmak Söğüt E., Çalışkan Kılıç N., Project Supported by Higher Education Institutions, Çaldıran Van Diatomiti Modifikasyonu ve Fizikokimyasal Özellikleri, 2011 - 2014

Awards

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

Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Van Yüzüncü Yil Üniversitesi, December, 2020

Post Graduate, Tez Savunma Jürisi, Yüzüncü Yil Üniversitesi, December, 2016

Published journal articles indexed by SCI, SSCI, and AHCI

1. **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)
2. **GO ve GO-EDTA kullanılarak sulu çözeltiden 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)
3. **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)
4. **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)
5. **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)

6. **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)
7. **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)
8. **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)
9. **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)
10. **Single-walled carbon nanotube supported Pt-Ru bimetallic superb nanocatalyst for the hydrogen generation from the methanolysis of methylamine-borane at mild conditions**
Gökırmak Söğüt E., Acidereli H., Kuyuldar E., Karataş Y., Gülcan M., ŞEN F.
SCIENTIFIC REPORTS, vol.9, 2019 (SCI-Expanded)
11. **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)
12. **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)
13. **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)
14. **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)
15. **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

1. **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)
2. **Occupational Safety, Risks and Risk Analysis in the Private Security and Protection Sector**
Gökırmak Söğüt E., Akbaş A.
International Journal of Medicine and Occupational Health and Safety Sciences (IJMOHSS), vol.1, no.1, pp.16-29,

2023 (Peer-Reviewed Journal)

- 3. 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)
- 4. 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

- 1. Chapter 8: MXene-based hybrid nanostructures for the detection and purification of organic and inorganic pollutants**
Gökırmak Söğüt E., Gülcan M.
in: MXenes as Emerging Modalities for Environmental and Sensing Applications, Tahir Rasheed, Chandrabhan Verma, Editor, Elsevier Science, Oxford/Amsterdam, Amsterdam, pp.121-131, 2024
- 2. Chapter 10: MXene-based hybrid nanostructures for detection and purification of dyes and pesticides**
Gökırmak Söğüt E., Gülcan M.
in: MXenes as Emerging Modalities for Environmental and Sensing Applications, Tahir Rasheed, Chandrabhan Verma, Editor, Elsevier Science, Oxford/Amsterdam, Amsterdam, pp.153-169, 2024
- 3. 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
- 4. 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
- 5. 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

- 1. 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
- 2. 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
3. **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
 4. **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
 5. **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
 6. **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
 7. **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
 8. **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
 9. **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
 10. **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
 11. **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

Academic and Administrative Experience

2022 - Continues	Member of Unit Quality Commission	Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma ve Güvenlik
2022 - Continues	Department Academic Incentive Evaluation Commission Member	Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma ve Güvenlik

2019 - Continues	Exam Program Preparation	Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma ve Güvenlik
2019 - Continues	Commission Member Vocational School Management Board Member	Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma ve Güvenlik
2019 - Continues	Curriculum Preparation Committee Member	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
2018 - Continues	Vocational School Board Member	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	Erasmus 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	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
2016 - Continues	Deputy Head of Department	Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma ve Güvenlik
2019 - 2022	University Academic Incentive Evaluation Commission Member	Van Yüzüncü Yil University, Van Güvenlik Meslek Yüksekokulu, Mülkiyet Koruma ve Güvenlik

Courses

Çevresel Risk Değerlendirmesi, Doctorate, 2024 - 2025

Meslek Etiği, Associate Degree, 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

İŞ SAĞLIĞI VE GÜVENLİĞİ, Associate Degree, 2017 - 2018

Advising Theses

Gökırmak Söğüt E., ..., Postgraduate, H.YAVUZ(Student), Continues

Gökırmak Söğüt E., The Importance of Training In Occupational Health and Safety and Its Impact On Educational Activities;; Application to Van Provincial Directorate of National Education, Postgraduate, A.TEKİN(Student), Continues
Gökırmak Söğüt E., Occupational Health and Safety Awareness Among University Personnel; Van Yüzüncü Yıl University Example, Postgraduate, H.AKSUNGUR(Student), Continues

Gökırmak Söğüt E., Özel güvenlik ve koruma sektöründe iş güvenliği, karşılaşılan riskler ve risk analizi, Postgraduate, A.AKBAŞ(Student), 2022

Advising Graduates (Non-Thesis)

Gökırmak Söğüt E., İş Yerinde Kimyasal Maruziyetlerden Korunma Yöntemleri, Masters (Non-Thesis), A.YILMAZ(Student), 2024

Gökırmak Söğüt E., Hastanelerde İş Hijyeni, Masters (Non-Thesis), E.ÇOŞKUN(Student), 2024

Gökırmak Söğüt E., 'Ceza İnfaz Kurumlarında Hükümlüler Açısından İş Sağlığı ve Güvenliğinin 6331 Sayılı Yasa Kapsamına Alınması, Masters (Non-Thesis), Ş.ÇAĞLAN(Student), 2024

Gökırmak Söğüt E., Occupational health and safety and ergonomics, Masters (Non-Thesis), E.YILDIRIM(Student), 2024

Gökırmak Söğüt E., Investigation of occupational health and safety training given in educational institutions, Masters (Non-Thesis), R.ESEN(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., 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., Ergonomic risks in office workers, Masters (Non-Thesis), A.ÇELEBİ(Student), 2023

Gökırmak Söğüt E., The importance of leadership style in terms of work safety, Masters (Non-Thesis), H.AVCI(Student), 2023

Gökırmak Söğüt E., Ergonomic risk factors, Masters (Non-Thesis), C.ÜNAL(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 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 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

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: 35
Citation (WoS): 320
Citation (Scopus): 344
H-Index (WoS): 7
H-Index (Scopus): 7

Research Areas

Chemistry, Physical Chemistry, Natural Sciences