



**DR. ÖĞR. PELİN YAPICIOĞLU  
ÜYESİ**

**Kişisel Bilgiler**

**Eposta:** pyapicioglu@harran.edu.tr

**Birimi :** Çevre Bilimleri

**Dahili :** 1460

**Makaleler (YOKSIS)**

- 1 A Holistic Approach for the Minimization of Nitrous Oxide (N<sub>2</sub>O) Emissions from Brewery Wastewater Treatment Using Malt Sprout Derived Biochar**  
YAPICIOĞLU PELİN  
Environmental and Earth Sciences Proceedings, <https://doi.org/10.3390/eesp2025034006>
- 2 A new approach for reduction of greenhouse gas emissions from groundwater treatment: biochar derived by solar pyrolysis**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN, BÜYÜKKAMACI NURDAN  
International Journal of Global Warming, <https://doi.org/10.1504/ijgw.2025.145107>
- 3 An empirical and statistical investigation on decarbonizing groundwater using industrial waste-based biochar: Trading-off zero-waste management and zero-emission target**  
YAPICIOĞLU PELİN  
Journal of Environmental Management, <https://doi.org/10.1016/j.jenvman.2025.125129>
- 4 Anaerobic co-digestion of brewery wastewater and malt dust for biohythane production: A biohydrogen production boosting method**  
YAPICIOĞLU PELİN  
International Journal of Hydrogen Energy, <https://doi.org/10.1016/j.ijhydene.2025.01.272>
- 5 Assessment of Harran Plain Groundwater in Terms of Arsenic Contamination**  
YAPICIOĞLU PELİN, Derin Perihan, YEŞİLNACAR MEHMET İRFAN  
Türkiye Jeoloji Bülteni / Geological Bulletin of Turkey, <https://dergipark.org.tr/tr/doi/10.25288/tjb.620349>
- 6 ATIKSU ARITMA TESİSLERİ İÇİN İKLİM DEĞİŞİKLİĞİNE VE SERA ETKİSİNE GENEL BİR BAKIŞ**  
YAPICIOĞLU PELİN, DEMİR ÖZLEM  
Uludağ University Journal of The Faculty of Engineering, <http://dergipark.gov.tr/doi/10.17482/uumfd.306858>
- 7 Economic Performance Assessment of Malt Dust Derived Biochar Application for Groundwater Treatment: A Circular Economy Approach**

- 7 YAPICIOĞLU PELİN  
Environmental Research and Technology,<https://doi.org/10.35208/ert.1561633>
- 8 **Economic performance index assessment of an industrial wastewater treatment plant in terms of the European Green Deal: effect of greenhouse gas emissions**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
Journal of Water and Climate Change,<http://dx.doi.org/10.2166/wcc.2022.146>
- 9 **Efficient Nitrous Oxide Capture from Dam Lake Treatment by Malt Dust-Derived Biochar**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
Environmental and Earth Sciences Proceedings,<https://doi.org/10.3390/eesp2025034017>
- 10 **Energy cost assessment of a dairy industry wastewater treatment plant**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
Environmental Monitoring and Assessment,<http://dx.doi.org/10.1007/s10661-020-08492-y>
- 11 **Energy Cost Assessment of an Industrial Wastewater Treatment Plant: Effect of Design Flow**  
YAPICIOĞLU PELİN  
Academic Perspective Procedia,<https://www.acperpro.com/document/ISITES2019ID45>
- 12 **Energy Cost Estimation for a Dairy Wastewater Treatment Plant in Terms of Organic Load**  
YAPICIOĞLU PELİN  
Academic Perspective Procedia,<https://www.acperpro.com/document/ISITES2019ID97>
- 13 **Energy cost optimization of groundwater treatment using biochar adsorption process: An experimental approach**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
IWA Publishing/Water Supply,<http://dx.doi.org/10.2166/ws.2022.392>
- 14 **Environmental impact assessment for a meat processing industry in Turkey: wastewater treatment plant**  
YAPICIOĞLU PELİN  
Water Practice and Technology,<https://iwaponline.com/wpt/article/13/3/692/63734/Environmental-impact-assessment-for-a-meat>
- 15 **Environmental performances of the wastewater treatment plants: Green Index**  
YAPICIOĞLU PELİN, DEMİR ÖZLEM  
International Journal of Global Warming,<http://www.inderscience.com/link.php?id=107864>
- 16 **Experimental and statistical modeling of the effect of process modification and wastewater characterization on greenhouse gas emissions for a dairy industry wastewater treatment plant: A minimization approach**  
YAPICIOĞLU PELİN, YALÇIN HAMZA, YEŞİLNACAR MEHMET İRFAN  
IWA Publishing/Journal of Water and Climate Change,<http://dx.doi.org/10.2166/wcc.2023.312>
- 17 **Experimental Design, Statistical Analysis, and Modeling of the Reduction in Methane Emissions from Dam Lake Treatment Using Agro-Industrial Biochar: A New Methane Capture Index**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
Water,<http://dx.doi.org/10.3390/w16192792>

- 18 **GAP'ın En Büyük Sulama Sahasında Jeotermal Sulardan Kaynaklanan Potansiyel Ağır Metal Kirliliğinin Araştırılması**  
Derin Perihan,DEMİR YETİŞ Ayşegül,YEŞİLNACAR MEHMET İRFAN,YAPICIOĞLU PELİN  
Türkiye Jeoloji Bülteni / Geological Bulletin of Turkey,<https://dergipark.org.tr/tr/doi/10.25288/tjb.626743>
- 19 **Greenhouse gas emission estimation for a UASB reactor in a dairy wastewater treatment plant**  
GÜLŞEN HAKKI,YAPICIOĞLU PELİN  
Inderscience Publishers,<http://dx.doi.org/10.1504/ijgw.2019.099802>
- 20 **Grey water footprint assessment for a dye industry wastewater treatment plant using Monte Carlo simulation: influence of reuse on minimisation of the GWF**  
YAPICIOĞLU PELİN  
International Journal of Global Warming,<http://www.inderscience.com/link.php?id=108180>
- 21 **Grey water footprint assessment of geothermal water resources in the southeastern Anatolia region**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
TURKISH JOURNAL OF EARTH SCIENCES,<http://dx.doi.org/10.3906/yer-2105-22>
- 22 **Grey water footprint assessment of groundwater resources in southeastern Turkey: effect of recharge**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
Water Supply,<http://dx.doi.org/10.2166/ws.2021.247>
- 23 **Grey water footprint of a dairy industry wastewater treatment plant: a comparative study**  
YAPICIOĞLU PELİN  
Water Practice and Technology,<https://iwaponline.com/wpt/article/doi/10.2166/wpt.2018.114/65063/Grey-water-footprint-of-a-dairy-industry>
- 24 **Greywater Treatment Using Agro-Industrial Biochar: A Novel Water Reuse Approach**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
Biology and Life Sciences Forum,<https://doi.org/10.3390/blsf2025041002>
- 25 **INVESTIGATION OF GREENHOUSE GAS EMISSIONS FROM DISSOLVED AIR FLOTATION PROCESS**  
YAPICIOĞLU PELİN  
The International Journal of Energy Engineering Sciences,<https://dergipark.org.tr/tr/pub/ijeess/issue/56352/780251>
- 26 **Investigating energy costs for a wastewater treatment plant in a meat processing industry regarding water-energy nexus**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
Environmental Science and Pollution Research,<http://dx.doi.org/10.1007/s11356-021-15757-7>
- 27 **Investigating the mitigation of greenhouse gas emissions from municipal solid waste management using ant colony algorithm, Monte Carlo simulation and LCA approach in terms of EU Green Deal**  
Pamukçu Hale, YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
Elsevier BV Waste Management Bulletin,<http://dx.doi.org/10.1016/j.wmb.2023.05.001>
- 28 **Investigation of Energy Costs for Sludge Management: A Case Study from Dairy Industry**

- 28 YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
Environmental Research and Technology,<http://dx.doi.org/10.35208/ert.862116>
- 29 **Investigation of Environmental-friendly Technology for a Paint Industry Wastewater Plant in Turkey**  
YAPICIOĞLU PELİN  
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü  
Dergisi,<http://dergipark.ulakbim.gov.tr/sdufenbed/article/view/5000213863>
- 30 **Investigation of GHG emission sources and reducing GHG emissions in a municipal wastewater treatment plant**  
DEMİR ÖZLEM,YAPICIOĞLU PELİN  
Greenhouse Gases-Science and Technology,<https://onlinelibrary.wiley.com/doi/abs/10.1002/ghg.1912>
- 31 **Life Cycle Assessment of Sewage Sludge Treatment - An Overview**  
YAPICIOĞLU PELİN,DEMİR ÖZLEM  
Harran Üniversitesi Mühendislik Dergisi,<https://dergipark.org.tr/tr/pub/humder/issue/31307/341264>
- 32 **Minimization of greenhouse gas emissions from extended aeration activated sludge process**  
YAPICIOĞLU PELİN  
Water Practice and Technology,<http://dx.doi.org/10.2166/wpt.2020.100>
- 33 **Minimization of Greenhouse Gas Emissions From Groundwater Treatment Using Biochar Derived by Solar Pyrolysis in Compliance with EU Green Deal**  
YAPICIOĞLU PELİN,YEŞİLNACAR MEHMET İRFAN,BÜYÜKKAMACI NURDAN  
SSRN Electronic Journal,<http://dx.doi.org/10.2139/ssrn.4662172>
- 34 **Minimizing greenhouse gas emissions from leachate treatment by using zeolite column**  
GÜLŞEN HAKKI, YAPICIOĞLU PELİN  
Carbon Management,<http://dx.doi.org/10.1080/17583004.2021.1873693>
- 35 **Minimizing greenhouse gas emissions of an industrial wastewater treatment plant in terms of water-energy nexus**  
YAPICIOĞLU PELİN, DEMİR ÖZLEM  
Applied Water Science,<http://dx.doi.org/10.1007/s13201-021-01484-4>
- 36 **Minimizing of Greenhouse Gas Emissions from a Subsurface Flow Constructed Wetland**  
YAPICIOĞLU PELİN, GÜLŞEN HAKKI  
Turkish Journal of Water Science and Management,<http://dx.doi.org/10.31807/tjwsm.899525>
- 37 **Mitigation of Carbon Dioxide Emission from Potable Water Treatment using Biochar in Terms of Water-Carbon Nexus: a Green Carbon Capture Index**  
YAPICIOĞLU PELİN,YEŞİLNACAR MEHMET İRFAN  
International Journal of Global Warming,<https://doi.org/10.1504/ijgw.2025.10070998>
- 38 **Reducing greenhouse gas emissions from groundwater treatment using carob seed-derived biochar**  
YAPICIOĞLU PELİN,YEŞİLNACAR MEHMET İRFAN,BÜYÜKKAMACI NURDAN  
Journal of Water and Climate Change,<https://doi.org/10.2166/wcc.2025.486>

- 39 **Reduction of Energy Costs From Groundwater Treatment Using Biochar Application in Terms of Water-energy Nexus: Development of Energy Cost Indicator**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN, BÜYÜKKAMACI NURDAN  
SSRN Electronic Journal, <http://dx.doi.org/10.2139/ssrn.4692260>
- 40 **Seasonal water footprint assessment for a paint industry wastewater treatment plant**  
YAPICIOĞLU PELİN  
Sakarya University Journal of Science, <http://dergipark.gov.tr/doi/10.16984/saufenbilder.411137>
- 41 **Techno-Economic Performance Assessment of Malt Dust Derived Biochar Application for Municipal Wastewater Treatment: A Water Reuse Strategy**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
Environmental and Earth Sciences Proceedings, <https://doi.org/10.3390/eesp2025032012>
- 42 **Trading off the biogas upgrading and pollution reduction by malt sprout derived biochar addition on anaerobic treatment of brewery wastewater**  
YAPICIOĞLU PELİN  
Biomass and Bioenergy, <https://doi.org/10.1016/j.biombioe.2025.108017>
- 43 **Valorization of sludge and agro-industrial waste in solar-assisted biohydrogen production for a brewery industry: A data-driven model to circular bio-economy**  
YAPICIOĞLU PELİN, Elisa Fatma  
International Journal of Hydrogen Energy, <https://doi.org/10.1016/j.ijhydene.2025.151963>

#### **Bildiriler (YOKSIS)**

- 1 **A Case Study of The Green Index Assessment for an Industrial and a Municipal Wastewater Treatment Plant in Turkey**  
YAPICIOĞLU PELİN, DEMİR ÖZLEM  
7th Global Conference on Global Warming (GCGW-2018) June 24-28, 2018 Izmir, Turkey ,
- 2 **A Case Study Of Water Footprint Assessment For A Meat Processing Wastewater Treatment Plant**  
YAPICIOĞLU PELİN, DEMİR ÖZLEM  
ICOCEE-2018 3. INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERING, 24-27/04/2018, İzmir, TÜRKİYE ,
- 3 **A holistical approach for the minimization of nitrous oxide (N<sub>2</sub>O) emissions from brewery wastewater treatment using malt-sprout-derived biochar**  
YAPICIOĞLU PELİN  
The 7th International Electronic Conference on Atmospheric Sciences (ECAS 2025) ,  
<https://sciforum.net/paper/view/23164>
- 4 **Anaerobic co-digestion of brewery wastewater and malt sprout derived biochar for the enhanced biohydrogen production**  
YAPICIOĞLU PELİN  
15th International Exergy, Energy and Environment Symposium (IEEEES-15) ,  
<https://www.ieees2024.org/>
- 5 **Annual Greenhouse Gas Emission Estimation of Sludge Treatment in a Municipal Wastewater Treatment Plant: A Case Study**  
DEMİR ÖZLEM, YAPICIOĞLU PELİN

- 5 **ICOCEE -2018 3. INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERING, 24-27/04/.2018, İzmir/TÜRKİYE ,**  
YAPICIOĞLU PELİN,Derin Perihan,YEŞİLNACAR MEHMET İRFAN  
Uluslararası Katılımlı 72. Türkiye Jeoloji Kurultayı 28 Ocak–01 Şubat 2019, Ankara, Türkiye ,
- 6 **Assessment of Harran Plain's Groundwater in Terms of Arsenic Contamination**  
YAPICIOĞLU PELİN,Derin Perihan,YEŞİLNACAR MEHMET İRFAN  
Uluslararası Katılımlı 72. Türkiye Jeoloji Kurultayı 28 Ocak–01 Şubat 2019, Ankara, Türkiye ,
- 7 **Atıksu Arıtma Tesislerinin Sera Gazı Emisyonlarının Minimizasyonu**  
YAPICIOĞLU PELİN,DEMİR ÖZLEM  
International Symposium of Water and Wastewater Management October 26-28, 2016, Malatya ,
- 8 **Biogas and Energy Recovery from Industrial Wastewater: A Case Study for Dairy Industry**  
YAPICIOĞLU PELİN,FİLİBELİ AYŞE  
8th International Advanced Technologies Symposium(IATS) 2017 ,
- 9 **Bir Süt Fabrikası Atıksu Arıtma Tesisinin Çevresel Etkilerinin Değerlendirilmesi**  
YAPICIOĞLU PELİN,FİLİBELİ AYŞE  
International Symposium of Water and Wastewater Management October 26-28, 2016, Malatya ,
- 10 **Carbon Footprint From Waste Water Treatment Plants**  
YAPICIOĞLU PELİN,DEMİR ÖZLEM  
IWA -PPFW 2017 2nd Regional IWA Symposium on water, wastewater and environment, 22-24/03/2017, İzmir, TÜRKİYE ,
- 11 **Discussion of Nitrate Removal Methods in terms of Groundwater Remediation: A Case Study from the Harran Plain**  
YAPICIOĞLU PELİN,YEŞİLNACAR MEHMET İRFAN  
6th International GAP Engineering Conference – GAP2018 ,
- 12 **Effect of Malt Dust Addition on Biohythane Production from Brewery Wastewater Treatment in Two-Phase Anaerobic Bioreactors: A Biohydrogen Production Approach**  
YAPICIOĞLU PELİN  
12th Global Conference on Global Warming (GCGW-2024) - Şanlıurfa, Türkiye, May 16 - 19, 2024 ,  
<https://gcgw2024.harran.edu.tr/>
- 13 **Efficient nitrous oxide capture from dam lake treatment by malt dust-derived biochar**  
YAPICIOĞLU PELİN,YEŞİLNACAR MEHMET İRFAN  
The 7th International Electronic Conference on Atmospheric Sciences (ECAS 2025) ,  
<https://sciforum.net/paper/view/23173>
- 14 **Energy Cost Assessment of Sludge Dewatering Process**  
YAPICIOĞLU PELİN,YEŞİLNACAR MEHMET İRFAN  
EurAsia Waste Management Symposium 2020 , <https://www.eurasiasymposium.com/full-delegate-late-registration.php>
- 15 **ENERGY COST ESTIMATION IN TERMS OF ORGANIC LOADING FOR A MEAT PROCESSING INDUSTRY WASTEWATER TREATMENT PLANT**  
YAPICIOĞLU PELİN  
4th INTERNATIONAL ENERGY ENGINEERING CONGRESS 2019 UEMK 2019 ,

- 16 ENVIRONMENTAL AND HEALTH AND SAFETY MANAGEMENT SYSTEM INTEGRATION FOR A DAIRY FACTORY: A CASE STUDY OF CONFORMITY ASSESMENT**  
YAPICIOĞLU PELİN, FİLİBELİ AYŞE  
IWA -PPFW 2017 2nd Regional IWA Symposium on water, wastewater and environment ,
- 17 ENVIRONMENTAL IMPACT ASSESSMENT OF BIOCHAR APPLICATIONS**  
YAPICIOĞLU PELİN  
ISPEC 6 th INTERNATIONAL CONFERENCE ON ENGINEERING NATURAL SCIENCES ,
- 18 ESTIMATION OF GREENHOUSE GAS EMISSION FROM A DISSOLVED AIR FLOTATION TANK**  
YAPICIOĞLU PELİN  
4th INTERNATIONAL ENERGY ENGINEERING CONGRESS 2019 UEMK 2019 ,
- 19 ESTIMATION OF GREENHOUSE GAS EMISSION FROM EXTENDED AERATION ACTIVATED SLUDGE PROCESS**  
YAPICIOĞLU PELİN  
4th INTERNATIONAL ENERGY ENGINEERING CONGRESS 2019 UEMK 2019 ,
- 20 GREY WATER FOOTPRINT OF BIOENERGY: A CASE STUDY OF A UASB REACTOR**  
YAPICIOĞLU PELİN  
UEMK 2018-3rd International Energy Engineering Congress ,
- 21 Grey water footprint assessment of geothermal water**  
  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
INTERNATIONAL WORKSHOP ON “GEOTHERMAL ENERGY FOR SUSTAINABLE DEVELOPMENT”  
GeoESD2021 by TUBITAK , [https://etkinlik.ulakbim.gov.tr/event/13/timetable/?print=1&view=standard\\_numbered#19-grey-water-footprint-assess](https://etkinlik.ulakbim.gov.tr/event/13/timetable/?print=1&view=standard_numbered#19-grey-water-footprint-assess)
- 22 Greywater treatment using agro-industrial biochar: A novel water reuse approach**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
The 4th International Electronic Conference on Agronomy (IECAG 2024 by MDPI) ,  
<https://sciforum.net/paper/view/20730>
- 23 Groundwater Treatment Using an Agricultural Waste Derived Biochar in Terms of Arsenic Removal**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
Uluslararası Katılımlı 74. Türkiye Jeoloji Kurultayı , <https://www.jmo.org.tr/etkinlikler/kurultay/>
- 24 Investigation of Heavy Metal Removal from Groundwater Using Agro-Industrial Biochar**  
YAPICIOĞLU PELİN, Elabdallah Muhammed Nur, YEŞİLNACAR MEHMET İRFAN  
ESEV Journal Annual Meeting 2025 , <https://2025.essev-meeting.org/>
- 25 Investigation of the Potential of Sewage Sludge as a Renewable Energy Source**  
YAPICIOĞLU PELİN, DEMİR ÖZLEM  
8th International Advanced Technologies Symposium (IATS) 2017, 19-22/10/2017, Elazığ/TÜRKİYE ,
- 26 Investigation of the Reuse Potential of Meat Processing Industry Wastewater**  
YAPICIOĞLU PELİN  
6th International GAP Engineering Conference – GAP2018 ,

- 27 **Investigation of Using the Groundwater Treatment Sludge As a Coagulant for Brewery Industry Wastewater Treatment: a Circular Economy Approach**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
ICEESEN 2024-The 4th INTERNATIONAL CONFERENCE ON ENERGY, ENVIRONMENT AND STORAGE OF ENERGY CONFERENCE , <https://iceesen.com/Proceeding/Index>
- 28 **Investigation on Reduction of Greenhouse Gas Emissions from Groundwater Treatment Using Carob Seed Derived Biochar: An Experimental and Computational Study**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN, BÜYÜKKAMACI NURDAN  
6th International Conference on Natural Resources and Sustainable Environmental Management (NRSEM-2023) ,
- 29 **Investigation on the reduction of carbon dioxide emissions and water reclamation using malt sprout derived biochar for brewery wastewater treatment**  
YAPICIOĞLU PELİN  
15th International Exergy, Energy and Environment Symposium (IEEES-15) , <https://www.ieees2024.org/>
- 30 **LIFE CYCLE ASSESSMENT OF BIOENERGY: AN OVERVIEW**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
ISPEC 6 th INTERNATIONAL CONFERENCE ON ENGINEERING NATURAL SCIENCES ,
- 31 **LIFE CYCLE ASSESSMENT OF RENEWABLE ENERGY SOURCES: A REVIEW FOR CARBON FOOTPRINT**  
YAPICIOĞLU PELİN  
UEMK 2018-3rd International Energy Engineering Congress ,
- 32 **MINIMIZATION OF GREENHOUSE GAS EMISSIONS FROM GROUNDWATER TREATMENT USING BIOCHAR DERIVED BY SOLAR PYROLYSIS IN COMPLIANCE WITH EU GREEN DEAL**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN, BÜYÜKKAMACI NURDAN  
11th Global Conference on Global Warming 2023 (GCGW-2023) , [https://papers.ssrn.com/sol3/JELJOUR\\_Results.cfm?form\\_name=journalBrowse&journal\\_id=4625060](https://papers.ssrn.com/sol3/JELJOUR_Results.cfm?form_name=journalBrowse&journal_id=4625060)
- 33 **Microalgae culture utilization for greenhouse gases emissions mitigation and prevention in wastewater treatment plants: an overview**  
YAPICIOĞLU PELİN, DEMİR ÖZLEM  
4th International Water Congress, Water Management in smart cities, 2-4 November 2017, Izmir-TURKEY ,
- 34 **Minimization of Greenhouse Gases Emissions from Drinking Water Treatment Plants**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
2021 International Conference on Environment & Society: Watershed Processes in the Face of Dynamic Landscapes and Climate Change , <https://eas-conference.fiu.edu/wp-content/uploads/2021/10/T18.pdf>
- 35 **Mitigation of greenhouse gas emissions from an industrial wastewater treatment plant in terms of process modification**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
International Conference on Environment & Society (EAS) The 2023 International Conference on Nile River Basin and The Sudd Wetlands: Climate Change Adaptability and Sustainability, March 20-21, 2023, Miami, Florida, USA , <https://eas-conference.fiu.edu/>



- 36 Mitigation of Greenhouse Gas Emissions from Groundwater Treatment Using Biochar Adsorption**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
International Conference on Environment & Society (EAS) The 2023 International Conference on Nile River Basin and The Sudd Wetlands: Climate Change Adaptability and Sustainability, March 20-21, 2023, Miami, Florida, USA , <https://eas-conference.fiu.edu/>
- 37 Mitigation of Methane Emission from Groundwater Treatment Using Malt Dust Derived Biochar in Southeastern Turkey**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN, KARABULUT ABDULLAH İZZEDDİN  
Mediterranean Geosciences Union (MedGU)-23 3rd Annual Meeting ,  
<https://link.springer.com/conference/medgu>
- 38 N2O Emissions from Groundwater: A Case Study from Harran Plain**  
YAPICIOĞLU PELİN, Derin Perihan, YEŞİLNACAR MEHMET İRFAN  
Uluslararası Katılımlı 72. Türkiye Jeoloji Kurultayı 28 Ocak–01 Şubat 2019, Ankara, Türkiye ,
- 39 Possibility of Wastewater Reuse in a Dairy Factory**  
YAPICIOĞLU PELİN, FİLİBELİ AYŞE  
2nd INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERING ICCEE – CAPPADOCIA 2017 Nevşehir, TURKEY, May 8 - 10, 2017 ,
- 40 REDUCTION OF ENERGY COSTS FROM GROUNDWATER TREATMENT USING BIOCHAR APPLICATION IN TERMS OF WATER-ENERGY NEXUS: DEVELOPMENT OF ENERGY COST INDICATOR**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN, BÜYÜKKAMACI NURDAN  
11th Global Conference on Global Warming 2023 (GCGW-2023) ,  
[https://papers.ssrn.com/sol3/JELJOUR\\_Results.cfm?form\\_name=journalBrowse&journal\\_id=4625060](https://papers.ssrn.com/sol3/JELJOUR_Results.cfm?form_name=journalBrowse&journal_id=4625060)
- 41 Reduction of Carbon Dioxide Emission from Drinking Water Treatment Using Malt Dust Derived Biochar: An Experimental Indicator for CO2 Capture**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
12th Global Conference on Global Warming (GCGW-2024) - Şanlıurfa, Türkiye, May 16 - 19, 2024 ,  
<https://gcgw2024.harran.edu.tr/>
- 42 Reduction of Greenhouse Gas Emissions from Municipal Waste Collection Applying Optimization of Transportation Routes Using Ant Colony Algorithm**  
Pamukçu Hale, YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
6TH EURASIA WASTE MANAGEMENT SYMPOSIUM, EWMS 2022 ,  
<https://www.webofscience.com/wos/woscc/summary/b442e33c-04ba-4310-97dd-12796bac9f8f-0133e221ac/relevance/1>
- 43 Role of Nanomaterials in Water and Wastewater Treatment Applications**  
DEMİR ÖZLEM, YAPICIOĞLU PELİN  
2nd INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERING ICCEE – CAPPADOCIA 2017 Nevşehir, TURKEY, May 8 - 10, 2017 ,
- 44 Sludge-Derived Biochar Application For The Reduction of Greenhouse Gas Emissions: A Review**  
DEMİR ÖZLEM, YAPICIOĞLU PELİN  
7th Global Conference on Global Warming (GCGW-2018) June 24-28, 2018 Izmir, Turkey ,
- 45 Su Kaynaklarının Arıtımından Kaynaklanan Sera Gazı Emisyonlarının Yeşil Mutabakata Uyum Kapsamında Değerlendirilmesi**

- 45 YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
İKLİM DEĞİŞİKLİĞİ VE TARIM ÇALIŞTAYI GAP Tarımsal Araştırma Enstitüsü Müdürlüğü  
ŞANLIURFA/29-30 Eylül-01 Ekim 2021 ,
- 46 **Techno-Economic Investigation On Solar Based Anaerobic Co-Digestion of Industrial Sewage Sludge and Malt Sprout Waste for Biohydrogen Production**  
YAPICIOĞLU PELİN  
ICEESEN 2024-The 4th INTERNATIONAL CONFERENCE ON ENERGY, ENVIRONMENT AND STORAGE OF ENERGY CONFERENCE , <https://iceesen.com/Proceeding/Index>
- 47 **Techno-economic performance assessment of malt dust-derived biochar application for municipal wastewater treatment: A water reuse strategy**  
YAPICIOĞLU PELİN, YEŞİLNACAR MEHMET İRFAN  
The 8th International Electronic Conference on Water Sciences (ECWS-8) ,  
<https://sciforum.net/event/ECWS-8?section=#bookofabstracts>
- 48 **The Impacts of Climate Change on Wastewater Reclamation and Reuse Methods**  
YAPICIOĞLU PELİN  
6th International GAP Engineering Conference – GAP2018 ,