

KARADENİZ DOĞA ve ÇEVRE DERNEĞİ
BLACKSEA NATURE and ENVIRONMENT ASSOCIATIONAdına Sahibi:
Çev.Müh. Filiz KURTULMUŞ

ICAM | Information, Communication, Art and Media Network Publication Group

Adına Genel Yayın Yönetmeni

Dr. Ahmet FİDAN
Yazı İşleri Müdürü
Ayşe Naz YILMAZ

JOURNAL of NATURAL and ENVIRONMENTAL STUDIES

EDITORIAL BOARD LIST

(Alignment / Sorting: Alphabetically)

EDITORS

Ahmet FİDAN (Assist.Prof.Dr.)	Ordu University	Chief Editor Urbanization and Environmental Problems
Gökçen BAYRAK (Assist.Prof.Dr.)	Trakya University	Environmental Engineering
Hasan Tezcan YILDIRIM (Assoc.Prof.Dr.)	İstanbul University - Cerrahpaşa	Forest Policy and Administration

CO EDITORS

Pelin KARAÇAR (Assist.Prof.Dr.)	İst. MedipolUniversity	Construction management, Materialand Construction Tech.
Gizem ERDOĞAN AYDIN Assoc.Prof.Dr.	İzmir Democracy University	Urban and Regional Planning/ Urban Planning
Zeynep EREN (Prof.Dr.)	Ataturk University	Environment Technologies
Elif AKPINAR KÜLEKÇİ (Assoc.Prof.Dr.)	Ataturk University	Landscape Architecture

SECTION EDITORS (Volume 2, Issue 3)

Pelin KARAÇAR (Assist.Prof.Dr.)	İst. MedipolUniversity	Construction management, Materialand Construction Tech.
Hasan Tezcan YILDIRIM (Assoc.Prof.Dr.)	İstanbul University - Cerrahpaşa	Forest Policy and Administration
Sibel POLAT (Assoc.Prof.Dr.)	Uludağ University	Psychology of Environment

ADVISORY BOARD

Ahmet MUTLU (Prof.Dr.)	Ondokuz Mayıs University	Political Ecology
Ayşe KALAYCI ÖNAÇ (Assist.Prof.Dr.)	İzmir Katip Çelebi University	Peyzaj Mimarlığı
Alpay TIRIL (Assist.Prof.Dr.)	Sinop University	Social Ecology
Arzu MORKOYUNLU YUCE (Assoc.Prof.Dr.)	Kocaeli University	Environmental Engineering Science
Asude HANEDAR (Assoc.Prof.Dr.)	Tekirdag Namık Kemal University	Air Pollution and Control and Woter Management System
Ayşin SEV (Prof.Dr.)	M. Sinan Güz. Sanatlar Univ.	Construction Technology and Sustainability
Aziz EFTEKHARI (Assist.Prof.Dr.)	Maragheh University	Faculty of Medicine, Toxicology Sciences
Berkan DEMİRAL (Prof.Dr.)	Trakya University	Urban and Environmental Problems
Beyhan TAŞ (Prof.Dr.)	Ordu University	Molecular Biology
Can AYDIN Assoc.Prof.Dr.	Dokuz Eylül University	Geographic Inf. Systems, Big Data
Coşkun ERUZ (Assoc.Prof.Dr.)	Karadeniz Teknik University	Soil Ecology
Çiğdem KÜÇÜK (Prof.Dr.)	Harran University	Head of Local Climate Change Policy Branch
Çiğdem TUĞAÇ (Assist.Prof.Dr.)	Ministry of Environ. and Urb.	Landscape Architecture
Candan KUŞ ŞAHİN Assoc.Prof.Dr.	Süleyman Demirel University	Building Sciences
Dicle AYDIN (Prof.Dr.)	Necmettin Erbakan University	



Dilek OZDEMİR DARBY (Prof.Dr.)	Yeditepe University	Urban and Regional Planning
Ebru ERDÖNMEZ DİNÇER Assoc.Prof.Dr.	Yıldız Teknik University	Architrcrtural Design
Elçin GÜNEŞ (Assoc.Prof.Dr.)	Tekirdag Namık Kemal University	Environmental Sciences
Elif AKPINAR KÜLEKÇİ (Assoc.Prof.Dr.)	Ataturk University	Landscape Architecture
Emel KARAKAYA AYALP (Assist.Prof.Dr.)	İzmir Demokrasi University	Urban and Regional Planning
Enver Erdinç DİNÇSOY (Assoc.Prof.Dr.)	Trakya University	Environmental Economics and Sustainable Development
Ender MAKİNECİ (Prof.Dr.)	İstanbul Üniversty - Cerrahpaşa	Soil Science and Ecology
Erdoğan ATMIŞ (Prof.Dr.)	Bartın University	Forest Policy
Ergun GÜRPINAR Assist.Prof.Dr.)	Haliç University	Landscape Architecture
Evren TUNCA Assoc.Prof.Dr.	Ordu University	Marine Technology Engineering
Faruk BOJAXHI (Assist.Prof.Dr.)	Ukshin Hoti University	Forestry and Environmental Facult
Feran AŞUR (Assit.Prof.Dr.)	Yuzuncu Yil University	Landscape Architecture
Gizem ERDOĞAN AYDIN Assoc.Prof.Dr.	İzmir Democracy Universty	Urban and Regional Planning/ Urban Planning
Gülşen TOZSİN DURMAZ (Assoc.Prof.Dr.)	Atatürk University	Department of Metallurgical and Materials Engineering
G. Firdevs YÜCEL CAYMAZ (Assoc.Prof.Dr.)	İstanbul Aydın University	Landscape Architecture
Hakan OĞUZ (Assoc.Prof.Dr.)	Kahramanmaraş Sütçü İmam University	Forestry Engineering
Hasibe KÖRBALTA (Dr.)	Milli Parklar Genel Müdürl.	City and Regional Planning
Hülya BAYKAL (Prof.Dr.)	Marmara University	Urban and Environmental Politics
İlknur YURDAKUL (Assist.Prof.Dr.)	Chemical Engineer	Toprak Gübre ve Su Kaynakları Merkez Araştırma Enstitüsü
İnanç Işıl YILDIRIM (Assoc.Prof.Dr.)	Beykent University	Construction Technology
İsmail CERİTLİ (Prof.Dr.)	Antalya Bilim Üniversity	Political Science and International Affairs
İsmail DUMAN (Prof.Dr.)	İstanbul Technical Üniversity	Environmental Problems
Julide BOZOĞLU (Assist.Prof.Dr.)	Illinois Institute of Technology	Construction Management
Kamuran ELBEYOĞLU (Prof.Dr.)	Toros University	Urban Psychology
Koray ÖZCAN (Prof. Dr.)	Pamukkale University	Urban and Regional Planning
Mehmet Ali KIRPIK (Prof.Dr.)	Kafkas University	Biological Diversity
Mehmet AYDIN Assoc.Prof.Dr.	Ordu University	Fishery Technology Engineering
Melayib BİLGİN (Assit.Prof.Dr.)	Aksaray University	Solid and Hazardous Wastes
Meltem YILMAZ (Prof.Dr.)	Hacettepe University	Interior Architecture & Environment Design
Mesut DOĞAN (Prof.Dr.)	İstanbul University	Geography / Human and Economical Geography
Osman Devrim ELVAN (Assoc.Prof.Dr.)	İstanbul University-Cerrahpaşa	Environmental and Forestry Law
Osman SİRKECİ (Assist.Prof.Dr.)	İBB	Street Economy
Oylum GÖKKURT BAKİ (Assist.Prof.Dr.)	Sinop University	Environmental Science Engineering
Ömer ATABEYOĞLU (Assoc.Prof.Dr.)	Ordu University	Landscape Architecture
Özgür EMİNAĞAOĞLU (Prof.Dr.)	Artvin Coruh University	Forestry Faculty, Forestry and Botanic Sciences
Özkan ÖZDEN (Prof.Dr.)	İstanbul University	Fisheries and Seafood Processing Technology
Pelin KARAÇAR (Assist.Prof.Dr.)	İst. MedipolUniversity	Conctruction management, Material and Construction Tech.
Pelin Pınar GİRİTLİOĞLU (Assoc.Prof.Dr.)	İstanbul University	Urban and Environmental Problems
Pınar CARTIER (Assist.Prof.Dr.)	Yeditepe University	Industriel Product and Environment
Pınar BAHÇECİ ALSAN (Dr.)	TGS Enstitüsü	Soil Fertilizer and Water Resources
Prachand Man PRADHAN (Assoc.Prof.Dr.)	Kathmandu Üniversitesi	Earthquakes and Structural Engineering
Ruşen KELEŞ (Prof.Dr.)	Ankara University	Environmental Policies
Sajad GHANBARI (Assist.Prof.Dr.)	TebriZ University	Natural Resources
Serap İNCAZ (Prof.Dr.)	Kırklareli University	Transportation and Logistics Management
Sevim BUDAK (Assoc.Prof.Dr.)	İstanbul University	Urban and Environmental Problems
Sezen COŞKUN (Assist.Prof.Dr.)	Isparta Uyg.Bilimler University	Environmental Engineering
Sibel POLAT (Assoc.Prof.Dr.)	Bursa Uludağ University	Architrcrtural Design/ Urban Design
Sima POUYA (Assoc.Prof.Dr.)	İnönü University	Landscape Architecture
Yakup BULUT (Prof.Dr.)	Hatay Mustafa Kemal Univ.	Urban and Environmental Problems
Zerrin TOPRAK KARAMAN (Prof.Dr.)	Dokuz Eylül University	Local Governments, Urban and Environmental Politics
Zeynep EREN (Prof.Dr.)	Atatürk Uniersity	Environmental Engineering
M. Tolga ESETLİLİ (Assoc.Prof.Dr.)	Ege University	Soil Science and Plant Nutrition
FOR WINTER ISSUE REVIEWER BOARD		
Bahriye GÜLGÜN (Prof.Dr.)	Ege University	Landscape Architecture
Funda AKKAYA (Dr.)		fundaunalankaya@hotmail.com
İkbal Ece POSTALCI (Assist.Prof.Dr.)	Mimar Sinan University	Architrcrtural Design

Osman SİRKECİ (Assist.Prof.Dr.)	İzmir Metropolitan Municipality	Çevre Ekonomisi
Kübra YAZICI (Assoc.Prof.Dr.)	Yozgat Bozok University	Landscape Architecture and Sustainability
Neriman YÖRÜR (Assoc.Prof.Dr.)	Dokuz Eylül University	Sustainable Development
Selim ÖKEM (Assoc.Prof.Dr.)	Yıldız University	Architrcatural Design
Emrah AKYÜZ (Dr.)	Bingöl University	Urbanization Policies

PAGE EDITORS

Ayşe Naz YILMAZ (Editor)	Online Information Comn. Media S.	Page Editor
Filiz KURTULMUŞ	ICAM Publishing	Proof Reader
R.A. Buse AÇIK ETİKE	Yıldız Technical University	Language Editor

Publication and Technical Support E Mail: editor@jenas.org

Phone / Fax: +90 425 310 20 30 – **WhatsApp Technical Support:** +356 7706 6507

* * *

Our journal undertakes to comply with the professional principles of the press. All legal rights of the articles belong to our journal. It cannot be quoted partly or completely without the permission of our writers and without giving reference in anywhere. Publication Language: English and Turkish. Our journal accepted CCPL

Creative Commons Publication Licence:



Publication Type:

Scientific, International 3 Double Blind Peer Reviewed Indexed Journal

* * *

Publication Period:

JENAS | Journal of Environmental and Natural Studies is published triple / three times a year
(15 April, 15, September, and 15 December)



ICAM | Information, Communication, Art and Media Network Publication Group

Online Bilgi İletişim Sanat ve Medya Ağı Yayın Grubu

www.icamnetwork.net