

ISSN 2224-4980



**International
Journal of Ecosystems and Ecology Science
(IJEES)**

<https://doi.org/10.31407/ijees>

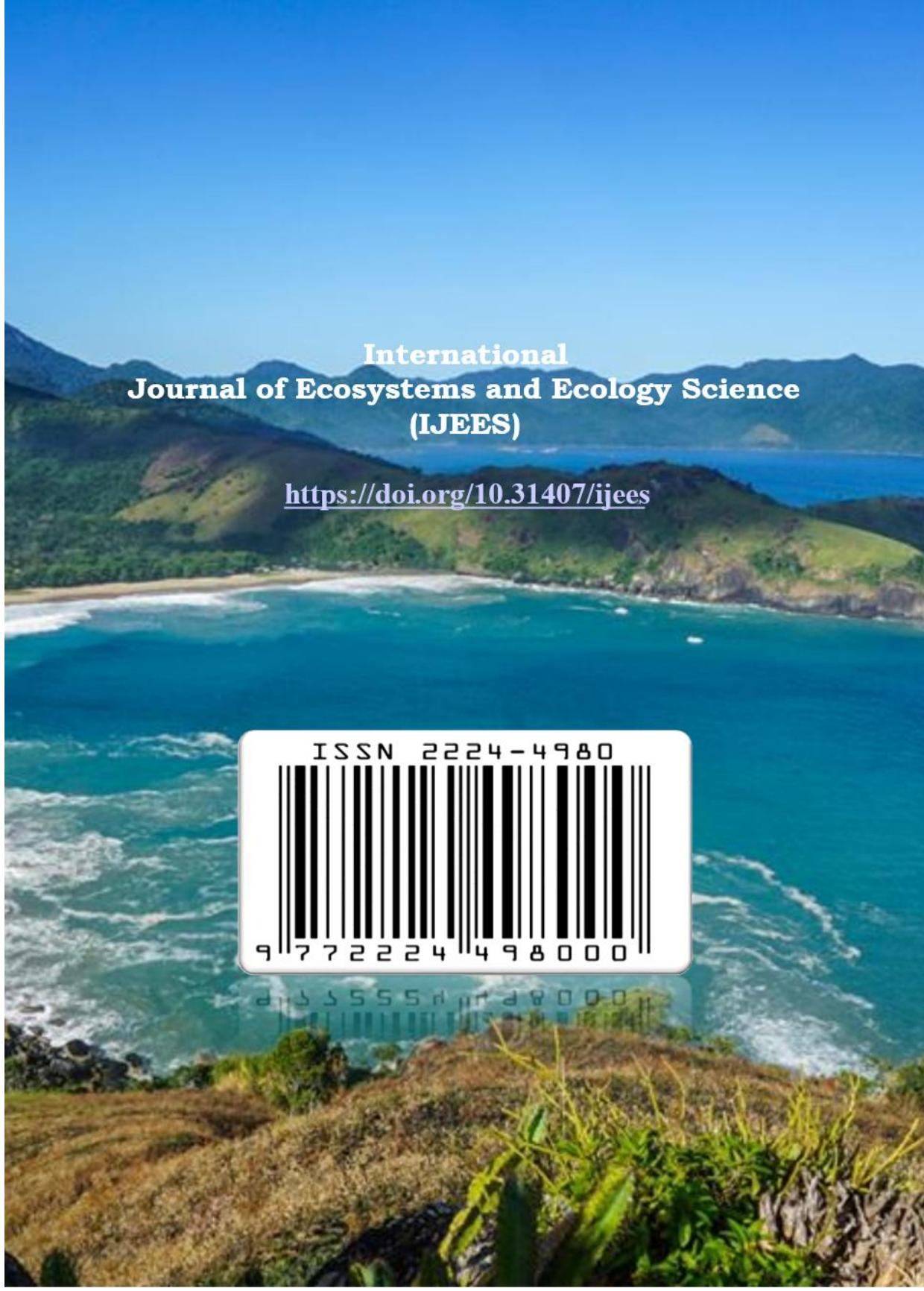


Essays on Ecosystems and Environmental Research

Volume 15/5, 2025

September - November, 2025

<http://ijees.net/>



**International
Journal of Ecosystems and Ecology Science
(IJEES)**

<https://doi.org/10.31407/ijees>



INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE

(IJEES) ISSN: 2224-4980

Abstracted / Indexed / Impact Factor in:



**International Journal of Ecosystems and Ecology Science
(IJEEs), ISSN: 2224-4980**

Volume 15, Issue 5, September 2025 - November 2025, (Serial Number 61)



Editor in Chief

Hysen Mankolli, Professor, Ecologist, Plainfield, Illinois, USA; Health and Environment Association, Tirana Albania.
Earth System Science Interdisciplinary Center (ESSIC), University of Maryland College Park, USA, Consultant Scientist.

Deputy-Editor-in-Chief

Sukru Dursun, Professor, Konya Technical University, Environmental Engineering Dep., Konya-Turkey.
Massimo Zuchetti, Professor, MIT, Massachusetts Institute of Technology, Cambridge MA, USA.
Cezar Kongoli, Professor, University of Maryland College Park, Earth System Science Interdisciplinary Center (ESSIC), USA.
Selim Dogan, Professor, Konya Technical University, Environmental Engineering Dep., Konya-Turkey.

International Scientific Editorial Board

Sukru Dursun, Professor, Konya Technical University, Environmental Engineering Dep., Konya, Turkey;
Massimo Zuchetti, Professor, MIT, Massachusetts Institute of Technology, Cambridge MA, USA;
Veselin Alexandrov, Professor, National Institute of Meteorology and Hydrology, Bulgaria;
Nicola Senesi, Professor, University of Bari, Bari, Italy;
Wander Michelle M, Professor, University of Illinois at Urbana-Champaign, Urbana, IL 61801, USA;
Vladimir Pesic, Professor, University of Montenegro, Department of Biology, Podgorica Montenegro;
Hysen Mankolli, Professor, Ecologist, Plainfield, Illinois, USA;
Lyudmyla Symochko, Professor, Uzhhorod National University, Faculty of Biology, Uzhhorod, Ukraine;
Zacharoula S. Andreopoulou, Professor, Aristotle University of Thessaloniki, Thessaloniki, Greece;
Mariana Golumbeanu, PhD, National Institute for Marine Research and Development "Grigore Antipa", Constanta, Romania;
Antonis K. Kokkinakis, Professor, Aristotle University of Thessaloniki, Thessaloniki, Greece;
Murat Yakar, Professor, Geomatic Department, Mersin University, Turkey;
Olivia Cioboiu, PhD, The Oltenia Museum Craiova, Popa Șapcă str. No 8, Rumania;
Nasser Modirshahla, Professor, Islamic Azad University, Department of Applied Chemistry, Iran;
Nina Liogchii, Professor, Institut of Ecology and Geografy, Republic of Moldova;
Trajce Talevski, Professor, Hydrobiological Institute, Naum Ohidski 50, 6000 Ohrid - R.Macedonia;
Can Ozgur Colpan, Professor, Ryerson University, Canada;
Roberto Mancinelli, Professor, University of Tuscia, Viterbo, Italy;
Bahriye Gulgul, Professor, Ege University, Izmir, Turkey;
Insaf Mekki, PhD, National Research Institute for Rural Engineering, Water, and Forestry (I.N.R.G.R.E.F), Ariana, Tunisia;
Hany Gaber El Shaer, PhD, IUCN Centre for Mediterranean Cooperation / Global Marine, Egypt;

Ertugrul Esmeray, Ph.D, Karabuk University, Engineering Faculty, Environmental Engineering Department Turkey;
Violeta Vidaček-Hainš, PhD, Ass. Professor, University of Zagreb, Croatia;
Cezar Kongoli, Professor, University of Maryland College Park, Earth System Science Interdisciplinary Center (ESSIC), USA;
Justas Kažys, PhD, Assoc. Professor, Vilnius University, Department of Hydrology and Climatology, Vilnius –Lithuania;
Selim Dogan, PhD, Assoc. Professor Selcuk University, Environmental Engineering Department, Konya Turkey;
Hisham Mostafa Alidrisi, PhD, Assoc. Professor, King Abdulaziz University, Engineering College, Jeddah Saudi, Arabia;
Khalid A. A. Al-Ghamdi, PhD, Assoc. Professor, King Abdulaziz University, Engineering College, Jeddah Saudi, Arabia;
Osman Taylan, PhD, Assoc. Professor, King Abdulaziz University, Engineering College, Jeddah Saudi, Arabia;
Robert J. Kuligowski, PhD, University of Maryland College P, Earth System Science Interdisciplinary Center (ESSIC), USA;
Mariia M. Fedoriak, Professor, Chernivtsi National University, Dep. of Ecology and Biomonitoring, Chernivtsi, Ukraine;
Raluca Kerkmann, PhD, The Museum Complex of Natural Sciences Constanta, Romania;
Narayan Ramappa Birasal, Associate Professor, KLE Society's G H College, Zoology Department, Karnataka state, India;
Rana P. Singh, Professor, Babasaheb Bhimrao Ambedkar University, Dep. of Environmental Science, U.P., India;
Hayati AKMAN, Dr., Selcuk University, Seed Department, 42430 Konya, Turkey;
Fatma ÇANKA KILIÇ, Professor, Kocaeli University, Technology Faculty, Energy Systems Engineering Dep., Kocaeli, Turkey;
Ferim Gashi, Dr., University of Pristina, Department of Geography, Faculty of Mathematical-Natural Sciences, Kosovo;
Altin Dorri, Professor Assoc., Polytechnic University of Tirana, Tirana, Albania;
Alexander P. Sizykh, Professor, Russian Academy of Sciences, Siberian Institute, Irkutsk, Lermmonyova, Russia;
Zeynep EREN, Professor, Ataturk University, Environmental Engineering Department, Erzurum, Turkey;
Sheida Korjani, PhD, Department of Architecture, Tabriz Branch, Islamic Azad University, Tabriz, Iran;
Maan Maaroof, PhD, Assistant Professor, University of Mosul, College of Veterinary Medicine, Iraq;
Koula Doukani, Professor, University of Ibn Khaldoun, Zaaroura, Tiaret, Algeria;
Svetla Petkova Gateva, PhD, Institute of Biodiversity and Ecosystem Research, Bulgarian Acad. of Sciences, Sofia, Bulgaria;
Rrahim Sejdiu, Professor Assistant, PhD, University of Applied Sciences-Ferizaj, Kosovo;
Mouloud BOUHOUHOU, Dr., ENS Assia Djebbar - Constantine, Algeria;
Dinh Tran Ngoc Huy, Dr., Banking University HCMC, Ho Chi Minh city Vietnam-International University of Japan, Japan;
Admir Jançë, Professor Assoc., European University of Tirana, Tirana, Albania;
Natalia P. Kovalenko, Dr., Institute of Plant Physiology and Genetics of NAS of Ukraine, Kyiv, Ukraine;
Ariana Striniqi, Professor Assoc. Dr., Faculty of Natural Sciences, University of Shkodra “Luigj Gurakuqi”, Albania;
Leila Soudani, Dr., University of Tiaret, Faculty of Nature and Life Sciences, Tiaret Algeria;
Zamira Shabani, Professor Assoc. Dr., Faculty of Natural Sciences, University of Shkodra “Luigj Gurakuqi”, Albania;
Uchechi Emiri, Professor Assoc., Rivers State University, Nkpolu-Oroworukwo, Crop Soil Science, Port Harcourt, Nigeria;

Publication Information:

International journal of ecosystems and ecology science (IJEES), ISSN 2224-4980, publishing original articles, reviews and short communications of high scientific standard on ecosystems and science ecology. By: Hysen Mankolli, Professor, Ecologist, Plainfield, Illinois, USA; Health and Environment Association, Tirana, Albania;

ISSN International Centre, *Bibliographic Data Section*, PARIS, FRANCE;

Bib - ID 68337; ISO standard 3297;

Key title: International journal of ecosystems and ecology science

Abbreviated key title: *Int. j. ecosyst. ecol. sci.*

ISSN 2224-4980; <http://ijees.net/>

Frequency: four to six issues per year. IJEES Electronic Journal Publication: Plainfield, Illinois, USA;

DOI prefix: 10.31407, <https://doi.org/10.31407/ijees>

ISSN Center responsible of the record: CIEPS - ISSN

<https://portal.issn.org/resource/ISSN/2224-4980>

IJEES, Volume 15/5, 2025

[https://ijees.net/journal-105-International-Journal-of-Ecosystems-and-Ecology-Science-\(IJEES\)-Volume-15-5,-2025.html](https://ijees.net/journal-105-International-Journal-of-Ecosystems-and-Ecology-Science-(IJEES)-Volume-15-5,-2025.html)

EBSCO's library products, USA

<http://www.ebscohost.com/for-publishers/for-publishers>



ELSEVIER

Scopus Status: SJR: 0.123, 2024, Titles on Scopus

<https://www.elsevier.com/products/scopus/content#4-titles-on-scopus>

Science gate Cited

<https://www.sciencegate.app/source/315335/top-cited>

Index Copernicus, **ICV= 2023: 100.00; ICV= 2022: 100.00; ICV= 2021: 100.00;**

<https://journals.indexcopernicus.com/search/journal/issue?issueld=197247&journalId=31407>

CiteFactor, **IF 2019-2020=1.40**

<https://www.citefactor.org/impact-factor/impact-factor-of-journal-International-Journal-of-Ecosystems-and-Ecology-Science-IJEES.php>

Scientific Journal Impact factor, **SJIF: 2021: 6.121; 2020: 7.167; 2019: 7.64**

<http://sjifactor.com/passport.php?id=17557>

SCILIT

<https://app.scilit.net/publications?source-id=23651&type=journal-article>

Academic Resource Index Research Bible:

<http://journalseeker.researchbib.com/view/issn/2224-4980>

Google scholar Cited, **h-index: 10; Citations 510;**

<https://scholar.google.com/citations?user=W89N8qgAAAAJ&hl=en>

MIAR, **ICDS 2021: 9.5;**

<http://miar.ub.edu/issn/2224-4980>

Web of Science Master List 2018-2022

<https://rdmusp.files.wordpress.com/2020/01/journal-list-emerging-sources-citation-index-web-of-science-update-on-23-jan-2020.pdf>

UOI license: <http://u-o-i.org/1.01/ijees>; <http://www.u-o-i.org/index.php/SearchLicense>



DPI Digital Library USA and assign unique digital no. DPI: 16.10047IJEES

U.S. National Library of Medicine,

NLM ID: [101726509](#) [Serial]; Other ID: (OCOLC)879805056;

<https://www.ncbi.nlm.nih.gov/nlmcatalog/101726509>

This journal has the status of an international journal.

Aims and Scope:

The goals of the International Journal of Ecosystems and Ecology Science (IJEES), ISSN 2224-4980, are to bring together researchers and scientists with interests in the quality of the ecosystems research results, theories, technologies, systems, tools, applications, the work in progress and experiences on ecosystems used. The main topics of interest are:

- ✓ Ecosystems
- ✓ Agro ecosystems
- ✓ Forest ecosystems
- ✓ Ecology
- ✓ Plant Ecology
- ✓ Animal Ecology
- ✓ Human Ecology
- ✓ Lakes and Rivers ecosystems
- ✓ Applied Biology
- ✓ Applied Ecology
- ✓ Applied Chemistry
- ✓ Biodiversity
- ✓ Energy
- ✓ Geology
- ✓ Bioaccumulation
- ✓ Desalination
- ✓ Water
- ✓ Soil
- ✓ Air pollution
- ✓ Climate Change
- ✓ Ecosystem restoration
- ✓ Environment toxicology
- ✓ Environment protection
- ✓ Environmental radioactivity
- ✓ Environmental legislation
- ✓ Environmental management
- ✓ Environmental education.
- ✓ Green technology
- ✓ Socioeconomic aspects in Ecosystems
- ✓ Agro tourism and National Park
- ✓ Health Care
- ✓ Food security
- ✓ Rights and Environmental Laws
- ✓ Environment Engineering
- ✓ Environment Architecture
- ✓ Eco philosophy Issue

Abstracted / Indexed / Impact Factor in:

International journal of ecosystems and ecology science (IJEES), ISSN 2224-4980,

IJEES: <http://ijees.net/>

IJEES have an international status and has been indexed, abstracted, and have impact factors:

ISSN Center responsible of the record: CIEPS - ISSN

<https://portal.issn.org/resource/ISSN/2224-4980>

IJEES doi crossref

<https://doi.org/10.31407/ijees>

IJEES, Volume 15/5, 2025

[https://ijees.net/journal-105-International-Journal-of-Ecosystems-and-Ecology-Science-\(IJEES\)-Volume-15-5,-2025.html](https://ijees.net/journal-105-International-Journal-of-Ecosystems-and-Ecology-Science-(IJEES)-Volume-15-5,-2025.html)

EBSCO's library products,USA

<http://www.ebscohost.com/for-publishers/for-publishers>



Scopus Status: SJR: 0,123, 2024, Titles on Scopus

<https://www.elsevier.com/products/scopus/content#4-titles-on-scopus>

Science gate Cited

<https://www.sciencegate.app/source/315335/top-cited>

Index Copernicus, ICV= 2022: 100.00; ICV= 2021: 100.00; ICV= 2020: 100.00; ICV= 2019: 100.00;

<https://journals.indexcopernicus.com/search/journal/issue?issueId=197247&journalId=31407>

CiteFactor, IF 2019-2020=1.40

<https://www.citefactor.org/impact-factor/impact-factor-of-journal-International-Journal-of-Ecosystems-and-Ecology-Science-IJEES.php>

Scientific Journal Impact factor, SJIF: 2021: 6.121; 2020: 7.167; 2019: 7.64

<http://sjifactor.com/passport.php?id=17557>

SCILIT

<https://app.scilit.net/publications?source-id=23651&type=journal-article>

Academic Resource Index Research Bible:

<http://journalseeker.researchbib.com/view/issn/2224-4980>

Google scholar Cited, h-index: 10; Citations 510;

<https://scholar.google.com/citations?user=W89N8qgAAAAJ&hl=en>

MIAR, ICDS 2021: 9.5;

<http://miar.ub.edu/issn/2224-4980>

exaly

<https://exaly.com/journal/102491/international-journal-of-ecosystems-and-ecology-science-ijees/impact-factor>

Web of Science Master List 2018-2022

<https://rdmusm.files.wordpress.com/2020/01/journal-list-emerging-sources-citation-index-web-of-science-update-on-23-jan-2020.pdf>

WorldCat

https://www.worldcat.org/search?qt=affiliate_wc_org_all&ai=Directory_ashok.drji%252540gmail.com&fq=&q=2224-4980&wesbnt2w=Go

US. National Library of Medicine, NLM ID: 101726509 [Serial]; Other ID: (OCoLC)879805056;

<https://www.ncbi.nlm.nih.gov/nlmcatalog/101726509>

CAS Chemical Abstracts Service – CAS database

<http://cassi.cas.org/search.jsp>

Environment-and-Nature/Biodiversity/Ecosystem.

<http://www.efita.org/Environment-and-Nature/Biodiversity/Ecosystem-Biodiversity/IJEES-details-28892.html>

NewJour : Electronic Journal&Newsletters

<http://gulib.georgetown.edu/newjour/nj2/index.html>

Environmental expert

<http://www.environmental-expert.com/magazines/?keyword=ecosystem+science>

Currently Indexing at Pro Quest

http://www.proquest.com/en-US/catalogs/databases/detail/periodicals_index.shtml

CABI

<http://www.cabi.org/default.aspx?page=1016&site=170&pid=40&xsltab=2&newtitlesonly=1&search=>

Academia.edu

http://www.academia.edu/3834422/_2013_Networking_approach_to_the_sustainable_development_of_European_Regions_bordering_major_rivers

Manuscripts and correspondence are invited for publication

Dear Professors, PhD, researchers and scholars of the field of ecosystems and related areas to, such as environmental engineering, agriculture, bio-chemistry, soil, water and air pollution, geology, forestry, urban ecology, resource economics, etc., at the moment, I declare the sending of scientific journal articles to International Journal of Ecosystems and Ecology Science (IJEES) is open. Sending of items can only be done electronically, to the following address: e-mail: editorijees@gmail.com; 2011jiese@gmail.com; mjedishendeti@yahoo.com; The confirmation of receiving these items will be announced within the period of one to three weeks after sending. Whether the article is accepted or not, will be announced within a period of two to three weeks. Only original articles will be accepted, validated, and not to have or be published in other journals. Publication lasts from two to six months. All Rights Reserved Copyright by © IJEES (the first or correspondent author have responsible for the accuracy of the article).

Submission guidelines and Web Submission System are available at: <https://www.ijees.net/page-6-Guide-for-authors.html>; **Note:** If the paper is published in another journal or if it includes false or inaccurate claims, it will be rejected or removed automatically as that constitutes a violation. Zero tolerance!

Editorial Office:

IJEES Electronic Journal Publication: Plainfield, Illinois, USA; E-mail: editorijees@gmail.com; Health and Environment Association, Tirana, Albania; E-mail: mjedishendeti@yahoo.com;

© IJEES copyright. All rights reserved. Professor Dr. Hysen Mankoli, Plainfield, Illinois, USA and Health and Environment Association, Tirana, Albania Publisher, Hold the exclusive copyright of all the contents of this journal. In accordance with the international convention, no part of this journal may be reproduced or transmitted by any media or publishing organs (including various websites) without the written permission of the copyright holder. Otherwise, any conduct would be considered as the violation of the copyright. The contents of this journal are available for any citation. However, all the citations should be clearly indicated with the title of this journal, serial number and the name of the author. Article published online Health and Environment Association, Tirana, Albania; Tel: 0035542258730; Fax:03554258730; E-mail: mjedishendeti@yahoo.com; Electronic Journal Publication, Plainfield, Illinois, US; [Tel:1-815-267-3458](tel:1-815-267-3458); E-mail: 2011jiese@gmail.com; editorijees@gmail.com;

**International
Journal of Ecosystems and Ecology Science
(IJEEs)**

DOI: <https://doi.org/10.31407/ijees>

Volume 15/5, 2025

DOI: <https://doi.org/10.31407/ijees15.5>

Table of contents:

Sukru Dursun^{1*}, Büşra Kırkıyık¹, Hysen Mankollı^{2,3}, AIR QUALITY EFFECTS OF ANTALYA FOREST FIRES IN TÜRKİYE, page 1-8;

DOI: <https://doi.org/10.31407/ijees15.501>

Noor M. AL-Mansoori^{1*}, Atheer S. N. Al-Azawey¹, Ali H. Al-Marzoqi², MOLECULAR ANALYSIS REVEALED THAT THE INFECTIOUSNESS AND RESISTANCE GENES OF *ENTEROCOCCUS FAECALIS* (*PRGB, ASA1*) AND *ESCHERICHIA COLI* (*CSGA*) ISOLATED FROM EUPHRATES WATER WERE INDICATORS OF MICROBIAL CONTAMINATION, page 9-16;

DOI: <https://doi.org/10.31407/ijees15.502>

Karmen Lazri^{1*}, Zamira Shkreli², ECOLOGICAL LEXICOGRAPHY AND CULTURAL LINGUISTICS: THE PRAGMATICS OF EUPHEMISM, DIALECT, AND STANDARDIZATION IN ALBANIAN BIODIVERSITY TERMINOLOGY, page 17-24;

DOI: <https://doi.org/10.31407/ijees15.503>

Mimoza Koka^{1*}, THE TRADE BALANCE AND ITS IMPACT ON ALBANIA'S ECONOMIC GROWTH DURING THE TRANSITION PERIOD, page 25-34;

DOI: <https://doi.org/10.31407/ijees15.504>

Diana Stepanova^{1*}, Gulzat Baibosunova², Alena Glazunova³, Lera Kamalova⁴, Andrey Baksheev⁵, Rustem Shichiyakh⁶, SUPPORTING NATURAL ECOSYSTEMS: THE ROLE OF INTEGRATING STUDENT ENVIRONMENTAL VOLUNTEERING AND BUSINESS CORPORATIONS, page 35-42;

DOI: <https://doi.org/10.31407/ijees15.505>

Erald Kola^{1*}, Ina Vejsiu¹, Holta Çota¹, Entela Lato¹, Doklea Quku¹, Saimir Beqo¹, Arta Ago², Hektor Thoma¹, EFFECTS OF HEAT TREATMENT ON THE BENDING RESISTANCE OF *FAGUS SYLVATICA* R AND *PINUS SYLVESTRIS* L, AN ENVIRONMENTALLY FRIENDLY TECHNOLOGY: A CASE STUDY, page 43-50;

DOI: <https://doi.org/10.31407/ijees15.506>

Darkhan Saparbaiuly^{1*}, Akzhol Abaiuly Abdrrakhman¹, Aizada Zhumukova², Guliza Zamirbekova¹, Malika Alieva¹, TAX INCENTIVES AND GREEN INVESTMENTS: COUNTRIES' CAPABILITIES TO ACHIEVE THE PRINCIPLES OF SUSTAINABLE DEVELOPMENT, page 51-56;

DOI: <https://doi.org/10.31407/ijees15.507>

Surabhi Singh^{1*}, Farhat Naz², INTERSECTING CRISES OF GROUNDWATER DEPLETION, ENERGY USE, AND FOOD SECURITY IN AGRICULTURAL SECTOR IN WESTERN UTTAR PRADESH, INDIA, page 57-66;

DOI: <https://doi.org/10.31407/ijees15.508>

V.P. Rimskiy^{1*}, N.V. Posokhova¹, Ye.V. Miroshnichenko¹, Ye.Yu. Syrovatskiy¹, A.V. Sinegubova¹, ECO-CREATIVE SPACES AS TOOLS FOR ECOLOGICAL RESTORATION AND SUSTAINABLE TOURISM DEVELOPMENT, page 67-74;

DOI: <https://doi.org/10.31407/ijees15.509>

Dmitry Kokurin^{1*}, Alexey Dashin², Tatiana Romanishina³, Evgeny Somov⁴, Olga Pidyashova⁵, Zulfiya Garifullina⁶, GREEN BONDS AS A FINANCIAL MECHANISM FOR ECOLOGICAL RESTORATION AND BIODIVERSITY CONSERVATION: PATHWAYS TO SUSTAINABLE DEVELOPMENT, page 75-84;

DOI: <https://doi.org/10.31407/ijees15.510>

Edlira Kaloshi¹, Lirika Kupe^{2*}, Kleva Shpati¹, Aurel Nuro³, Marsela Alikaj², COMPARATIVE ANALYSIS OF THE ESSENTIAL OIL COMPOSITION OF *ACHILLEA MILLEFOLIUM* L, FROM FOUR REGIONS OF ALBANIA, page 85-92;

DOI: <https://doi.org/10.31407/ijees15.511>

Ismael S. Mahmood¹, Mustafa R. Mohammed^{1*}, Mohammed A. Hussein², SYNTHESIS OF ACTIVATED CARBON POWDER PREPARED FROM THE EGGPLANT AS AN ADSORBENT FOR THE REMOVAL CONGO RED FROM AQUEOUS SOLUTION, page 93-102;

DOI: <https://doi.org/10.31407/ijees15.512>

Nexhdet Shala¹, Arsim Elshani^{2*}, Ibrahim Hoxha³, Nazmi Hasanaj⁴, EVALUATION OF WHEAT CULTIVARS AND FERTILIZATION STRATEGIES FOR SUSTAINABLE BAKING PRODUCTIONIN KOSOVO, page 103-108;

DOI: <https://doi.org/10.31407/ijees15.513>

Luan Bekteshi^{1*}, Holta Cota^{2*}, TOWARDS A SMART AND SUSTAINABLE FOREST FUTURE: AN AI-DRIVEN NATIONAL FOREST MONITORING SYSTEM FOR ALBANIA, page 109-118;

DOI: <https://doi.org/10.31407/ijees15.514>

Elena Klochko^{1*}, Elena Zakharova², Lidiya Kovalenko¹, Vasily Shalatov², Marina Ordynskaya², Vladimir Khoruzhy¹, INTEGRATING CREATIVE INDUSTRIES INTO NATIONAL SUSTAINABILITY AGENDAS: A POLICY AND STRATEGIC PLANNING FRAMEWORK, page 119-126;

DOI: <https://doi.org/10.31407/ijees15.515>

Dmitry Martyakhin^{1*}, A USER-CENTRIC FRAMEWORK FOR ASSESSING LAND PUBLIC TRANSPORT SERVICE QUALITY: A FOUNDATION FOR INTEGRATING SUSTAINABILITY METRICS, page 127-132;

DOI: <https://doi.org/10.31407/ijees15.516>

Amira S. Khalafalla^{1,2,*}, Islam H. Tarrad², JF Sadiq², Ahmed Hassan Abd Almutalb khan², Hani M. Abdalla³, Abuagla M. Dafalla^{1, 4}, Yousif A. Mohammed¹, Rayan M. Khalid⁵, GadAllah Modawe⁶, THE IMPACT OF HYPERTENSION ON LIPID PROFILE, FASTING BLOOD GLUCOSE, SERUM ELECTROLYTES, ALBUMIN, UREA AND CREATININE AMONG SUDANESE HYPERTENSIVE PATIENTS AT KASSALA CITY, SUDAN, page 133-140;

DOI: <https://doi.org/10.31407/ijees15.517>

Munqith Ali Mindeel^{1*}, Mayyada F. Darweesh², ASSOCIATION OF miRNA-21 EXPRESSION WITH INF- γ , TGF- α , AND PANCA LEVELS IN ULCERATIVE COLITIS PATIENTS, page 141-150;

DOI: <https://doi.org/10.31407/ijees15.518>

Samer Ali Hasan^{1*}, Farah D. Ahmed², Waleed Khaled Y. Abahadly³, Hanan N. Najaf⁴, Sarah Ibrahim Mohammed⁵, Safaa Ridha Mahdi⁵, Aseel Ahmed Obieed⁶, SYNTHESIZED FLAVONOID DERIVATIVE ATTENUATING CHLORPYRIFOS-INDUCED TOXICITY IN RATS, page 151-162;
DOI: <https://doi.org/10.31407/ijees15.519>

Nguyen Thi Thi, EDUCATIONAL MANAGEMENT STRATEGIES FOR PROMOTING ECOSYSTEM LITERACY IN PRIMARY SCHOOLS IN VIETNAM, page 163-170;
DOI: <https://doi.org/10.31407/ijees15.520>

Eleonora Navasardova¹, Dmitriy Burkin¹, Roman Nutrikhin^{1*}, Kira Svidlova¹, Razmik Chilingaryan¹, THE WEAKENING OF PROTECTED AREAS: AN ANALYSIS OF ENFORCEMENT GAPS AND ECOLOGICAL RISKS IN RUSSIA, page 171-178;
DOI: <https://doi.org/10.31407/ijees15.521>

Gentiana Nicaj^{1*}, Aida Shehu², Julian Kraja³, Sebastjan Mjekaj³, EVALUATING THE IMPACT OF PHYSICAL ACTIVITY INTERVENTION PROGRAMS ON PHYSICAL ACTIVITY LEVELS AND MOTOR SKILL DEVELOPMENT IN PRESCHOOL CHILDREN: A LITERATURE REVIEW, page 179-186;
DOI: <https://doi.org/10.31407/ijees15.522>

Vath Tabaku^{1*}, Elvin Toromani¹, Leonidha Peri¹, Kliti Starja², THE STUDY OF NATURAL REGENERATION IN THE BEECH FOREST STANDS, IN WHICH ARE APPLIED SHELTER-WOOD CUTTINGS DIFFERENT DENSITIES DURING THE PERIOD 2010-2020 AND THE DETERMINATION OF SILVICULTURAL MEASURES, page 187-198;
DOI: <https://doi.org/10.31407/ijees15.523>

Juljana Xhindoli^{1*}, Maria Agolli², Evis Allushi³, Agron Bashllari⁴, Indrit Bimi⁵, Vasilika Prifti³, Rejda Xhindoli⁶, SEASONAL TEMPERATURE AND ACUTE GASTROENTERITIS IN VLORA, ALBANIA, page 199-206;
DOI: <https://doi.org/10.31407/ijees15.524>

Anila Neziri^{1*}, Vera Gjinaj², ASSESSMENT OF MARINE LITTER ALONG THE TOURIST COASTLINE OF VELIPOJA AND SHËNGJIN, ALBANIA, WITH EMPHASIS ON PLASTIC POLLUTION, page 207-216;
DOI: <https://doi.org/10.31407/ijees15.525>

Oylum GÖKKURT BAKI^{1*}, Birol BAKI², THE BLUE FLAG PROGRAM AS A TOOL FOR SUSTAINABLE COASTAL MANAGEMENT, page 217-224;
DOI: <https://doi.org/10.31407/ijees15.526>

Blerina Çullaj^{1*}, Klementina Puto², Linda Luarasi², Aida Keçi³, THE EFFECTS OF MICROBIAL WATER POLLUTION OF LAKE OHRID ON HUMAN HEALTH IN THE POGRADEC REGION, page 225-234;
DOI: <https://doi.org/10.31407/ijees15.527>

Elda Maraj^{1*}, Albina Basholli¹, Aida Bendo², Anila Peposhi¹, Teuta Myftiu¹, Shkelqim Kuka¹, APPLICATION OF FUZZY LOGIC FOR THE DIAGNOSIS OF DIABETES, page 235-242;
DOI: <https://doi.org/10.31407/ijees15.528>

Alexey Busakhin^{1*}, IMPLICATIONS FOR SUSTAINABLE BUILDING DESIGN: A COMPUTATIONAL ANALYSIS OF AIRFLOW INTERACTIONS IN FIRE SAFETY SYSTEMS, page 243-248;
DOI: <https://doi.org/10.31407/ijees15.529>

Enrik Sejdinaj^{1*}, Loris Hoxha¹, Besmir Kanushi², THE ROLE OF TECHNOLOGY AND SUSTAINABILITY IN PROMOTING INNOVATION FOR THE MANAGEMENT OF THE TOURISM BUSINESS ECOSYSTEM IN ALBANIA, page 249-258;
DOI: <https://doi.org/10.31407/ijees15.530>

Eno Bakiri^{1*}, Idajet Selmani¹, Alketa Sinanaj¹, Marsida Laze¹, Odetta Çati², DOSIMETRIC VERIFICATION USING PLASTIC PLATES, page 259-262;
DOI: <https://doi.org/10.31407/ijees15.531>

Bledar Sina^{1*}, Eduart Blloshmi¹, Oltion Marko^{2*}, Blerina Beqaj², Joana Gjipalaj², ESTIMATION OF SEDIMENT VOLUMES TRAPPED BY CHECK DAMS, PUKA REGION, ALBANIA, page 263-268;
DOI: <https://doi.org/10.31407/ijees15.532>

Uday Abdul-Reda Hussein¹, Ameerah S. Jawad², Hazim Y. Al-gubury^{3*}, Aseel M. Aljeboree⁴, Fadhil M. Abid⁵, Usama S. Altimari⁶ Ayad F. Alkaim⁷, APPLICATION OF FENTON'S REAGENT FOR EFFECTIVE DEGRADATION OF EOSIN DYE: INFLUENCE OF OPERATIONAL PARAMETERS, ENVIRONMENTAL APPLICATIONS AND KINETIC MODELING, page 269-276;
DOI: <https://doi.org/10.31407/ijees15.533>

Elsa Gega^{1*}, Ledia Sula², SUSTAINABLE COMMUNITY DEVELOPMENT AND ETHICS IN TOURISM: CASE STUDIES FROM DURRËS, VELIPOJA, AND VLORA, ALBANIA, page 277-286;
DOI: <https://doi.org/10.31407/ijees15.534>

Eliona Kulluri Bimbashi¹, Sonila Tivari Bitri^{1,2,*}, Eugjen Sotiri³, Esmeralda Thoma⁴, ENVIRONMENTAL TOXICOLOGY AND HEALTH IMPLICATIONS OF BODYBUILDING SUPPLEMENTS: A POST-PANDEMIC PSYCHO-SOCIAL PERSPECTIVE ON QUALITY OF LIFE, page 287-292;
DOI: <https://doi.org/10.31407/ijees15.535>

Sara Nesrine Benouadah^{1,2,*}, Sofiane Derrar^{1,2}, Saad Aissat¹, Mohamed Amine Ayad¹, Hebib Aggad^{1,2}, Sabrina Ait Abdelkader¹, SEROPREVALENCE OF *THEILERIA EQUI* IN HORSES FROM TIARET, ALGERIA, page 292-300;
DOI: <https://doi.org/10.31407/ijees15.536>

Ornela Marko^{1*}, Klotilda Vrenjo², Surven Metolli³, SOME HEALTH ISSUES FROM THE PERIPHERAL BLOOD ELEMENTS OF YOUNG ATHLETES IN THE QUIET PHASE: A HEMATOLOGICAL AND ENVIRONMENTAL APPROACH, page 301-306;
DOI: <https://doi.org/10.31407/ijees15.537>

Meeqaat H. ALtruffi^{1*}, Samer Ali Hasan¹, Zeyad Kadhim Olewi¹, NEW ISATIN-THIAZOLIDINONE HYBRIDS TARGETING MELANOMA: RATIONAL DESIGN, SYNTHESIS, AND MOLECULAR DOCKING SUPPORTED BY PHARMACOKINETIC AND TOXICOLOGICAL PREDICTIONS, page 307-314;
DOI: <https://doi.org/10.31407/ijees15.538>

R. Ery Ridwan^{1*}, Muhammad Aditya Julianto¹, Putri Nauli Marpaung¹, Annisa Ratri Utami¹, Taufik Ismail², Sintia Wahyu Wijayanti¹, Sri Tanjung Subroto³, Dike Farizan F.³, Khakam Ma'ruf^{4,5}, Rizal Justian Setiawan^{4,6}, INTEGRATED COASTAL ENVIRONMENTAL MANAGEMENT THROUGH WASTE UTILIZATION AND MANGROVE REVEGETATION FOR ABRASION MITIGATION: A CASE STUDY OF KARAWANG REGENCY, WEST JAVA PROVINCE, page 315-322;
DOI: <https://doi.org/10.31407/ijees15.539>

Esmeralda Sherko^{1*}, Berivan Saltik², TEACHING MEDICAL ENGLISH TO STUDENTS OF HIGHER EDUCATION INSTITUTIONS IN ALBANIA: CHALLENGES ENCOUNTERED AND EDUCATIONAL STRATEGIES, page 323-326;
DOI: <https://doi.org/10.31407/ijees15.540>

Alma Robo^{1*}, Ayla Mici¹, Elona Kureta¹, Artan Simaku¹, CONGENITAL RUBELLA SYNDROME IN THE 21ST CENTURY: A SYSTEMATIC REVIEW, page 327-336;
DOI: <https://doi.org/10.31407/ijees15.541>

Xhuliana Qirinxhi^{1*}, Eltjon Halimi², Sylvain Cuvelier³, Elena Hysi¹, Alketa Grabocka⁴, ASSESSMENT OF POPULATION STRUCTURE AND BEHAVIOR OF *PSEUDOCHAZARA TISIPHONE* BROWN, [1981] (*LEPIDOPTERA NYMPHALIDAE*) USING THE MARK-RELEASE-RECAPTURE (MRR) METHOD: A CASE STUDY IN SOUTHEASTERN ALBANIA, page 337-346;

DOI: <https://doi.org/10.31407/ijees15.542>

Suha Waleed Mustafa^{1*}, MEASURING NATURAL RADIOACTIVITY IN SOIL SAMPLES FROM AL-ZUBAIR DISTRICT IN BASRA USING SODIUM IODIDE (NAI) AND ASSESSING THE ASSOCIATED HEALTH RISKS, page 347-354;

DOI: <https://doi.org/10.31407/ijees15.543>

Bisenbaev A.K.*, ECOSYSTEM DYNAMICS OF TURBULOGENESIS: ABIOGENESIS IN THE TURBULENT PROTOATMOSPHERE, page 355-364;

DOI: <https://doi.org/10.31407/ijees15.544>

Ayad M. A^{1,2*}, Saim M.S^{1,2}, Derrar S^{1,2}, Ayad I^{1,2}, Bouteldja R^{3,2}, Aggad H^{1,2}, Benzineb F.Z^{1,2}, CMT VERSUS CONDUCTIMETER: DIAGNOSTIC ACCURACY FOR BOVINE MASTITIS IN ALGERIAN DAIRY HERDS, page 365-372;

DOI: <https://doi.org/10.31407/ijees15.545>

Merita Rumano^{1a,2,*}, Rexhep Shkurti^{1b}, Bledar Myrtaj^{1c}, Fehmi Boufahja³, Dhimitër Peci⁴, Aida Dervishi^{1b}, PHARMACOLOGICAL POTENTIAL OF BIOACTIVE COMPOUNDS IN ORIGANUM SPECIES, page 373-384;

DOI: <https://doi.org/10.31407/ijees15.546>