

ISSN 2224-4980



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



Essays on Ecosystems and Environmental Research

Volume 3/1, 2013

January, 2013

<https://sites.google.com/site/injournalofecosystems/template>



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

Volume 3, Issue 1, January, 2013, (Serial Number 9),

Special issue, International Conference "Towards Future Sustainable Development" University "Luigj Gurakuqi", 2012, Shkoder, Albania



Editor - in - Chief:

Prof. Dr. Hysen Mankolli

Faculty of Agriculture and Environmental, Ecology and Agri environment Department, Agricultural University of Tirana, Albania;

Health and Environment Association, Tirana Albania;

E-mail: 2011ijeese@gmail.com; mjedisi_shendeti@yahoo.it; mankolli@ubt.edu.al;

Editorial Board:

Prof. Sukru Dursun, Selcuk University, Environmental Engineering Department, Konya-Turkey;

Prof. Massimo Zuchetti, MIT, Massachusetts Institute of Technology, 77 Mass Avenue, 02139, Cambridge MA, USA;

Prof. Veselin Alexandrov, National Institute of Meteorology and Hydrology, 66 Tzarigradsko shose Blvd. Sofia 1784, Bulgaria;

Prof. Nicola Senesi, University of Bari, Department of Agroforestry and Environmental Biology and Chemistry, Via Amendola, 165/A. 70126-Bari-Italy;

Prof. Wander Michelle M, University of Illinois at Urbana-Champaign, Urbana, N-225 Turner Hall, MC-047, 1102 South Goodwin Avenue, Urbana, IL 61801, USA;

Prof. Vladimir Pesic, University of Montenegro, Department of Biology, Cetinjski put bb 81000 Podgorica Montenegro;

Prof. Ibraim Dincer, University of Ontario, Faculty of Engineering and Applied Science, 2000 Simcoe Street North, Oshawa, Ontario L1H 7K4, Canada;

Prof. Ali Berktaş, Selcuk University, Dept of Environmental Eng, 42031 Konya Turkey;

PhD. Mariana Golumbeanu, National Institute for Marine Research and Development "Grigore Antipa", 300 Mamaia Bd., Constanta 900581, Romania;

Prof. Antonis K. Kokkinakis, Aristotle University of Thessaloniki, Faculty of Forestry and Natural Environment, P.O. Box 241, 54124 Thessaloniki, Greece;

PhD. Olivia Cioboiu, The Oltenia Museum Craiova, Popa Şapcă str. No 8, Rumania;

Prof. Nasser Modirshahla, Islamic Azad University, Research Laboratory, Department of Applied Chemistry, Iran;

Prof. Nina Liogchii, Institut of Ecology and Geografy, Ecobiointication and Radioecology Department, Chisinau, Republic of Moldova;

Prof. Trajce Talevski, Hydrobiological Institute, Naum Ohidski 50, 6000 Ohrid - R.Macedonia;

Prof. Alexander V. Derunkov, Department of Entomology, National Museum of Natural History, Smithsonian Institution P. O. Box 37012, MRC-168 Washington, DC 20013-7012 USA;

PhD. Can Ozgur Colpan, Ryerson University, Canada;

Prof. Muhammad Ashraf, University of Agriculture, Faculty of Sciences, Faisalabad 38040, Pakistan.;

Prof. Roberto Mancinelli, University of Tuscia, Viterbo, Italy;

Prof. Bahrive Gulgun, Ege University, Izmir, Turkey;

Prof. Shukri Fetahu, Pristina University, Kosovo;

PhD. Insaf Mekki, National Research Institute for Rural Engineering, Water, and Forestry (I.N.R.G.R.E.F), B.P.10, 2080, Ariana, Tunisia;

PhD. Hany Gaber El Shaer, IUCN Centre for Mediterranean Cooperation / Global Marine, Egypt;

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, Affiliation: Agriculture and Environment Faculty, AUT, Albania; Health and Environment Association, Tirana, Albania

Key title: International journal of ecosystems and ecology science

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

Frequency: three times a year. IJEES Electronic Journal Publication: Hysen Mankolli, 24354 Leski Ln. Plainfield, Illinois, USA

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
- Lakes and Rivers ecosystems
- Applied Biology
- 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

Editorial Office:

Health and Environment Association, Tirana, Albania; Street: Artan Lenja, Vila D 15, Tirana; Nipt: K61717019T38N02K; E-mail:mjedisi_shendeti@yahoo.it; IJEES Electronic Journal Publication: 24354 Leski Ln. Plainfield, Illinois, USA.

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, 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: 2011jiese@gmail.com; mjedisi_shendeti@yahoo.it; The confirmation of receiving these items will be announced within the period of three weeks after sending. Whether the article is accepted or not, will be announced within a period of six weeks. Only original articles will be accepted, validated, and not to have or be published in other journals. Publication lasts from three to six months. Submission guidelines and Web Submission system are available at: <https://sites.google.com/site/injournalofecosystems/template/guide-for-authors>.

Abstracted / Indexed in:

International journal of ecosystems and ecology science (IJEES), ISSN 2224-4980 : is indexed and abstracted:

Indexed in Index Copernicus 2011, ICTTM Value: 6.00

<http://journals.indexcopernicus.com/karta.php?action=masterlist&id=6721>

<http://journals.indexcopernicus.com/pubinfo.php>

Research Bible

<http://journalseeker.researchbib.com/?action=viewJournalDetails&issn=22244980&uid=rd0b87>

NewJour : Electronic Journal&Newsletters

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

Environmental expert

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

Electronic Journals Library

<http://dispatch.opac.ddb.de/DB=1.1/SRT=YOP/LNG=DU/CMD?ACT=SRCHA&IKT=8506&TRM=2687819-7>

Science and Ecology Articles

http://en.eannu.com/science_and_ecology_articles.3.html

Efita International Directory of Agriculture, Food and the Environment

<http://www.efita.org/all-companies.html>

IJEES has been accepted by CAS Chemical Abstracts Service – CAS database

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

Currently Indexing in Pro Quest

© IJEES copyright. All rights reserved. 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. Price per article online published: \$140 or euro 100; To send online full journal: \$280 or euro 200; Health and Environment Association, Tirana, Albania; Tel: 0035542258730; Fax: 03554258730; E-mail: mjedisi_shendeti@yahoo.it; Electronic Journal Publication: 24354 Leski Ln. Plainfield, Illinois, USA; Tel: 1-815-267-3458. Fax: 1-815-267-3458; E-mail: 2011jiese@gmail.com;

**International
Journal of Ecosystems and Ecology Science
(IJEES)
Volume 3/1, 2013**

Table of contents:

Slavoljub Mijovic¹, Jovan Milovic², THE COST-EFFECTIVENESS OF SOLAR WATER HEATING IN THE SOUTH EUROPE REGION, page 01-04;

Adelaida Andoni^{1*}, John C. Chadwick², (J.W.) Hans Niemantsverdriet³, Peter C. Thüne³, PROPYLENE POLYMERIZATION OVER PLANAR MODEL ZIEGLER-NATTA CATALYSTS: THE ROLE OF MISCELLANEOUS INTERNAL ELECTRON DONORS, page 05-10;

Adnan Ozdemi, LANDSLIDE SUSCEPTIBILITY MAPPING IN THE SULTAN MOUNTAINS (AKŞEHİR, TURKEY) USING A BINARY LOGISTIC REGRESSION METHOD AND GIS, page 11-16;

Mirela Belshaku (Sulaj)^{1*}, Enkeleda Xhemaj², Ismet Beqiraj³, MONITORING OF LEAD LEVELS IN GASOLINE, MARKETED DURING LAST DECADE, IN ALBANIA, page 17-22;

Andriela Vitic Ćetković¹, Arjeta Troshani², SUSTAINABLE ENTREPRENEURSHIP AND UNDERSTANDING GREEN CONSUMER BEHAVIOUR, page 23-26;

Anila Mesi, Ditika Kopliku, Azra Ujka, PHYTOTOXIC POTENCY ASSESSMENT OF NËNSHKODRA LOWLAND WATER BODIES ENRICHED WITH CHROMIUM (VI), page 27-34;

Hayati Akman¹, Ali Topal², IMPACTS ON WHEAT YIELD AND QUALITY OF PRODUCTION TECHNIQUES AND ENVIRONMENTAL CONDITIONS, page 35-38;

Enkeleda Xhemaj (Malaj)^{1*}, Milidin Bakalli¹, Julis Selamaj¹, THE SULFUR CONTENT IN DIESEL TRADED IN TIRANA ALBANIA DURING 2010-2012, page 39-42;

Hayati Akman¹, Phil Bruckner², TALL AND SHORT WINTER WHEATS' ROOT DEVELOPMENT IN GREENHOUSE ENVIRONMENTAL CONDITIONS, page 43-48;

Milidin Bakalli¹, Margarita Hysko², DETERMINATION OF PHYSICOCHEMICAL PARAMETERS IN WELLS WATER IN GERDEC VILLAGE OF ALBANIA, page 49-52;

Eriola (Zhuri) Hida¹, Fatbardha Babani², Theodor Karaja³, PHOTOSYNTHETIC ACTIVITY IMAGING OF STRESSED-POLLUTION PLANTS, page 53-58;

Ariana Striniqi Laçeji¹, Kastriot Misja², CONSIDERATION AND NEW DATA ON CERAMBIIDAE FAMILY (INSECTA COLEOPTERA) IN NORD ALBANIA REGION, page 59-62;

Lirim Bekteshi¹, Pranvera Lazo², Majlinda Vasjari², HOW SOIL POLLUTION IN SOME URBAN AREA OF ALBANIA AFFECT IN AIR QUALITY, page 63-68;

Edmont Laho^{1*}, Zheni Gjergji¹, Gazment Bejtja², Arminda Caku³, AN OVERVIEW OF THE PEDIATRIC MORTALITY IN THE PEDIATRIC HOSPITAL OF ELBASAN DURING 2000-2011, page 69-72;

Nexhdet Shala¹, Bakir Kelmendi², Ismajl Cacaj², ENVIRONMENTAL EFFECTS ON GRAIN YIELDS AND QUALITY PARAMETERS OF WINTER BARLEY OF BEER IN THE REPUBLIC OF KOSOVO, page 73-78;

Beqiraj, I.^{1*}, Topi, D.², Seiti, B.², Hoxha, L.¹, Belshaku, M.³, EVOLUTION ON THE DIESEL FUELS NATIONAL STANDARDS DURING LAST DECADE AND ITS ENVIRONMENTAL IMPACT, page 79-84;

Marimela Boçi, POOR MANAGEMENT OF WASTE HYDROCARBONS AND INERT OBSTACLE TO SUSTAINABLE DEVELOPMENT. CASE STUDY: SEMAN COASTLINE – VJOSË, page 85-88;

Gjergji Shqau¹, Shkelqim Gjevori², ENVIRONMENT AND TOURISM CASE STUDY OF ALBANIA COAST, page 89-96;

Ervis Krymbi, THE ANALYSES OF URBAN DEVELOPMENT PLANS IN SHKODRA CITY, page 97-102;

Arben Terpollari¹, Edmond Kadiu², Irma Tabaku², Dori Risilia², Ina Pagria², THE IMPORTANCE OF TOURISM MARKETING IN LOCAL RURAL DEVELOPMENT, page 103-106;

Adela Kullaj¹, Margarita Hysko², BACTERIAL LOAD OF BOVILLA RESERVOIR DURING MASSIVE RAINFALL, page 107-112;

Yllka Allaraj^{*1}, Anjeza Çoku², Nefail Biba³, Meliha Spahiu¹, Elda Cuka¹, PRELIMINARY DATA ON MYCOTIC EVALUATION IN CHEESES SOLD AT TIRANA MARKETS, page 113-118;

Mybeshir Pajaziti¹, Renata Kongoli², THE STUDY OF BEER QUALITY PRODUCED OF DIFFERENT CONCENTRATIONS OF A BASIC EXTRACTION, page 119-124;

Bresena Kopliku, RURAL MIGRATION IN SHKODRA REGION AND ITS IMPACT ON ENVIRONMENT AND DEVELOPMENT, page 125-130;

Eltjon Halimi^{*1}, Anila Papparisto¹, Dritan Topi², A CONTRIBUTION TO THE KNOWLEDGE OF THE SEED BUGS (LYGAEIDAE, HEMIPTERA) IN THE DIFFERENT ECOSYSTEMS IN ELBASAN, page 131-134;

Rajan Arapi, APPLICATION OF MARKETING - A PROBLEM AND A CHALLENGE FOR MANUFACTURING COMPANIES IN KOSOVA, page 135-138;

Anila Xhufi^{1,3*}, Vlash Mara¹, Panagiotis Kefalas², Ariela Struga³, CHEMICAL COMPOSITION OF VIRGIN OLIVE OIL OF “KALINJOT” AND “FRANTOIO” CULTIVARS FROM 2010/11 AND 2011/12 CROPS, page 139-144;

Merita Rumano^{1*}, Anila Mitre¹, Elvisa Rumano², Jotilda Joti³, SERUM LEVELS OF CALCIUM, PHOSPHOROUS, VITAMINE “D” AND PRATHYROID HORMONE IN INDIVIDUALS WITH PRIMARY HYPERPARATHYROIDISM IN ALBANIA, page 145-150;

Arsim Elshani¹, Renata Kongoli², USE OF ENZYMES IN THE BEER PRODUCTION, page 151-154;

Soniela Grazhdani, BANKING SECTOR DEVELOPMENT AND CHALLENGES IN ALBANIA, page 155-162;

Zoran Sapuric¹, Filip Ivanovski², Ana Karanfilova – Maznevska³, RECYCLING AS A CORE ELEMENT OF GREEN WASTE MANAGEMENT: A CASE STUDY IN MACEDONIA, page 163-168;

Alma Marku, INFLUENCE OF TOURISM ON THE REGIONAL DEVELOPMENT: CASE OF ALBANIA AND BOSNIA HERZEGOVINA, page 169-172;

Lindita Terolli, AIR QUALITY IN THE CITY OF KORCA AND IT’S IMPACT ON POPULATION HEALTH, page 173-178;

Majlinda Muka¹, Indrit Kellici², Nestor Mensuri³, HEALTH RISK ASSOCIATED WITH BATHING IN SEA WATER: STUDY CASE –DURRES BEACH AREA, page 179-182;

Lidra Ballhysa, PGD IN ALBANIA, SITUATION AND PERSPECTIVE QUESTIONS, page 183-190;

Blendi Dibra, PUBLIC PARTICIPATION AS IMPORTANT TOOL TO PROMOTE SUSTAINABLE DEVELOPMENT, page 191-196;