

ISSN 2224-4980

International Journal of Ecosystems and Ecology Science (IJEES)



Essays on Ecosystems and Environmental Research

Volume 1/3, 2011

Albania, October, 2011

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

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

Volume 1, Number 3, October, 2011, (Serial Number 4)

Editor - in - Chief:

Assoc.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;

Editorial Board Members:

Assoc. Prof. Dr. Sukru Dursun. Selcuk University, Environmental Engineering Department, Konya-Turkey; Prof.Dr.Massimo Zuchetti, MIT, Massachusetts Institute of Technology, 77 Mass Avenue, 02139, Cambridge (MA), USA; Prof.ass.Dr.Veselin Alexandrov, National Institute of Meteorology and Hydrology,66 Tzarigradsko shose Blvd. Sofia 1784, Bulgaria; Prof. Dr. Nicola Senesi, University ofi Bari, Department of Agroforestal and Environmental Biology and Chemistry, Via Amendola, 165/A. 70126-Bari-Italy; **Prof.ass. Wander Michelle M**, University of Illinois at Urbana-ChampaignUrbana, N-225 Turner Hall, MC-047,1102 South Goodwin Avenue, Urbana, IL 61801, USA; **Prof.Dr Vladimir Pesic.** University of Montenegro, Department of Biology, Cetinjski put bb 81000 Podgorica Montenegro; **Prof.Dr. Ibraim Dincer,** Faculty of Engineering and Applied Science, University of Ontario, Institute of Technology (UOIT), 2000 Simcoe Street North, Oshawa, Ontario L1H 7K4, Canada; Prof.Dr. Ali Berktay, Selcuk University, Dept of Environmental Eng, 42031 Konya Turkey; Dr.Mariana Golumbeanu, National Institute for Marine Research and Development "GrigoreAntipa", 300 Mamaia Bd., Constanta 900581, Romania; Prof.ass. Antonis K. Kokkinakis, Aristotle University of Thessaloniki, Faculty of Forestry and Natural Environment, P.O. Box 241, 54124 Thessaloniki, Greece; Dr. Olivia Cioboiu, The Oltenia Museum Craiova, Popa Şapcă str. No 8, Rumania; Prof.Dr. Nasser Modirshahla, Research Laboratory, Department of Applied Chemistry, Islamic Azad University, Iran; Assoc.Prof.Dr. Nina Liogchii, Institut of Ecology and Geografy, Ecobioindication and radioecology Department, Chisinau, Republic of Moldova; **Prof.Dr.Trajce Talevski**, Hydrobiological Institute, Naum Ohidski 50, 6000 Ohrid - R.Macedonia; Dr.Alexander V. Derunkov, Department of Entomology, National Museum of Natural History, Smithsonian Institution P. O. Box 37012, MRC-168 Washington, DC 20013-7012 USA; Dr. Can Ozgur Colpan, Ryerson University, Canada Prof. Dr. Muhammad Ashraf, Faculty of Sciences, University of Agriculture, Faisalabad (38040), Pakistan.

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: Agriculture and Environment Faculty, 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: 24354 Leski Ln. Plainfield, Illinois, USA

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
- Agri ecosystems
- Forest ecosystems
- Ecology
- Lakes and Rivers ecosystems
- 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
- Socio-economic aspect on ecosystems

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. Weather 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.

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, Ilinois, USA.

All rights reserved. Health and Environment Association, Tirana, Albania; Agriculture and Environment Faculty, AUT, Albania holds 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.

Abstracted / Indexed in:

This journal has the status of an international journal. An ISSN code is available and it is in the process of indexing in Index Copernicus 2011.

© IJEES copyright.

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 1/ 3, 2011

Table of contents:

Gina Raluca KERKMANN, THE ROLE OF CILIATES COMMUNITIES IN EVALUATING THE DEGREE OF SAPROBITY OF THE PARALITORAL ROMANIAN LAKES SIUTGHIOL AND TABACARIE, page 1-8;

Ivan Iordanov¹, Liliana Iordanova², SYSTEM FOR SAMPLING OF PRECIPITATION COMPOSITION – SENSITIVITY CONTROLLER FOR RAIN SENSOR OF TYPE "YES/NO", page 9-14;

Emirjeta Adhami¹, Eglantina Bruci¹, CLIMATE CHANGES IMPACTS ON THE ALBANIAN COAST AND ADAPTATION CHALLENGES, page 15-20;

Sead Noćajević^{1*}, Džemail Ferhatović², Hrustem Smailhodžić², Began Muhić³, HABITUS OF SUPERIOR GENOTYPUS OF WILD CHERRY (*Prunus avium L.*) FROM NATURAL POPULATIONS OF ENVIRONMENTAL AREA TUZLA, BOSNIA HERCEGOVINA, page 21-24;

Marina Talevska, Trajce Talevski, FLORAL AND ICHTHYOLOGICAL RESEARCHES ALONG THE FLOW OF RIVER CRNA, page 25-30;

Trajce Talevski, Marina Talevska, ICHTHYOLOGICAL AND FLORAL RESEARCHES IN ARTIFICAL LAKE SLATINO (R.MACEDONIA), page 31-36;

Lence LOKOSKA, VERTICAL DISTRIBUTION AND SEASONAL CHANGES OF MICROBIAL COMMUNITY IN THE LAKE OHRID PELAGIC REGION, page 37-42;

Liliana Iordanova, Stefka Blaskova, IMPACT OF ATMOSPHERIC PRECIPITAIONS ON THE SURFACE WATER CHEMISTRY IN MOUNTAIN AREA, page 43-48;

Celal Dagistanlioglu¹, Serpil Onder², Bahriye Gülgün³, Sukru Dursun⁴, TURKISH WETLAND PROBLEMS: A CASE STUDY EGIRDIR LAKE SAMPLE, page 49-54;

Osman ERGANİŞ, H.Hüseyin HADİMLİ, Kürşat KAV, Zafer SAYIN, Aslı BALEVİ, Yasemin P INARKARA, M. Seyyide TEMİMHAN, PREPARATION OF PARATUBERCULOSIS VACCINE FOR ANATOLIANWILD SHEEP: PRELIMINARY RAPORT, page 55-64;

Majlinda Terpo¹, Pranvera Lazo², Majlinda Vasjari², Jani Marka³, Ilva Gjikaj⁴, Flora Malaj⁵, THE CHARACTERIZATION OF MOSSES AS BIOINDICATORS AND BIOACCUMULATORS IN AIR POLLUTION MONITORING, page 65-68;

Valbona Sota (Mata)¹, Efigjeni Kongjika², COMPARISON OF "IN VITRO" RHIZOGENESIS OF

WILD SPECIES OF THE GENUS PRUNUS, page 69-74;

Manola AVDOLLI, Arefi CAKE, Belinda HOXHA, PURIFICATION CAPACITY OF PATOKU LAGOON, page 75-82;