

ISSN 2224-4980

International

Journal of Ecosystems and Ecology Science (IJEES)

https://doi.org/10.31407/ijees

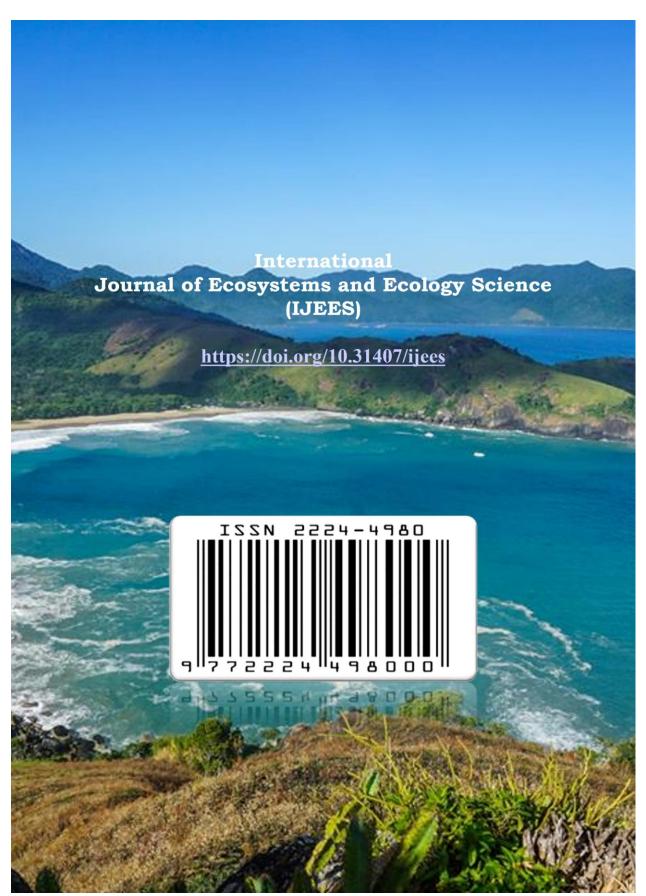


Essays on Ecosystems and Environmental Research

Volume 12/1, 2022

November 2021 - January 2022

http://ijees.net/



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

Volume 12, Issue 1, November 2021 - January 2022, (Serial Number 45)



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, Urbana, IL 61801, USA;

Vladimir Pesic, Professor, University of Montenegro, Department of Biology, Podgorica Montenegro;

Ibraim Dincer, Professor, University of Ontario, Faculty of Engineering and Applied Science, Ontario, Canada;

Hysen Mankolli, Professor, Ecologist, Plainfield, Illinois, USA;

Lyudmyla Symochko, Prof. Assoc. Dr. 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;

Olivia Cioboiu, PhD, The Oltenia Museum Craiova, Popa Şapcă 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;

Alexander V. Derunkov, Professor, Dep. of Entomology, National Museum of Natural History, Washington DC, USA;

Can Ozgur Colpan, Professor, Ryerson University, Canada;

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

Roberto Mancinelli, Professor, University of Tuscia, Viterbo, Italy;

Bahrive Gulgun, 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;

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, Lermonyova, 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 Djebar - Constantine, Algeria;

Dinh Tran Ngoc Huy, Dr., Banking University HCMC, Ho Chi Minh city Vietnam-International University of Japan, Japan; Nataliia P. Kovalenko, PhD, Inst. of History of Agrarian Science, Education and Technique of NSAL NAAS, Kiev, Ukraine;

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 times a year. IJEES Electronic Journal Publication: Plainfield, Illinois, USA;

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

ESCI Clarivate, http://ip-science.thomsonreuters.com/cgi-

bin/jrnlst/jlresults.cgi?PC=MASTER&Word=ijees

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: 16.10047.IJEES

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 12/1, 2022

https://www.ijees.net/journal-83-International--Journal-of-Ecosystems-and-Ecology-Science--(IJEES)--Volume-12-1,-2022.html

Clarivate Analytics

http://ip-science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&Word=ijees

https://mjl.clarivate.com/home?PC=MASTER&Word=ijees

Web of Science Core Collection

https://apps.clarivate.com/mjl-beta/search-results

Emerging Sources Citation Index - JOURNAL LIST

http://mjl.clarivate.com/cgi-bin/jrnlst/jlresults.cgi?PC=EX&Alpha=I

Sciencegate cited

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

Scilit

https://www.scilit.net/journal-articles/1892436

CiteFactor: IF 2019-2020:1.40;

 $\underline{https://www.citefactor.org/impact-factor/impact-factor-of-journal-International-Journal-of-Ecosystems-and-Ecology-Science-linear-of-grant-factor-of-journal-of-Ecosystems-and-Ecology-Science-linear-of-grant-factor-of-journal-of-Ecosystems-and-Ecology-Science-linear-of-grant-factor-of-journal-of-Ecosystems-and-Ecology-Science-linear-of-grant-factor-of-journal-of-Ecosystems-and-Ecology-Science-linear-of-grant-factor-of-journal-of-Ecosystems-and-Ecology-Science-linear-of-grant-factor-of-journal-of-Ecosystems-and-Ecology-Science-linear-of-grant-factor-o$

IJEES.php

EBSCO's library products,USA

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

IARC: Journal Impact Factor (USA), IF=2017: 1.811; IF=2016: 1.463; =2015: 0.861

http://iarcif.org/index.php/journal_information/show/44/0/2224-4980

Index Copernicus ICV= 2020: 100.00; ICV= 2019: 100.00; ICV= 2018: 100.00; ICV= 2017: 98.95;

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

Academic Resource Index Research Bible:

http://paper.researchbib.com/view/issn/2224-4980/10/2

Google scholar Cited

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

MIAR

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

Directory of Research Journals Indexing (DRJI)

http://olddrji.lbp.world/JournalProfile.aspx?jid=2224-4980

WorldCat

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

4980&wcsbtn2w=Go

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

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

Global Impact Factor (GIF) IF: 2015: 0.765; 2014: 0.625; 2013: 0.541; IF= 2012: 0.425;

 $\underline{http://globalimpactfactor.com/journals-list/?snap=I}$

CAS Chemical Abstracts Service – CAS database

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

Journal Factor: ISSN 2224-4980

 $\underline{http://www.journalfactor.org/advance_search.php}$

Directory of Research Journals Indexing (DRJI)

http://olddrji.lbp.world/justIncluded.aspx

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&xslttab=2&newtitlesonly=1&search=

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; mjedisishendeti@yahoo.com; The confirmation of receiving these items will be announced within the period of one to three weeks after sending. Weather 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: mjedisishendeti@yahoo.com;

© IJEES copyright. All rights reserved. Professor Dr. Hysen Mankolli, 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; Fa

International Journal of Ecosystems and Ecology Science (IJEES)

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

Volume 12/1, 2022

DOI: https://doi.org/10.31407/ijees12.1

Table of contents:

Alexander Vasilyevich Baranovsky¹, Alexey Sergeevich Sadovoy¹, Sergey Ivanovich Kapustin^{2,3}, Andrey Sergeevich Kapustin^{4*}, Alexander Mikhailovich Stroyny¹, Anna Sergeevna Golub³, CHARACTERISTICS OF CONSUMPTIVE WATER USE OF MILLET AND SORGHUM DEPENDING ON THE SOWING TIME IN DRY CONDITIONS OF STEPPE ZONE, page 1-6;

DOI: https://doi.org/10.31407/ijees12.101

Fatima-Zohra Kenza Labbani^{1,2,*}, Scheherazad Dakhmouche^{1,2}, Leila Bennamoun^{2,3}, Amel Ait-Kaki^{2,4}, Tahar Nouadri^{2,3}, EXTRACELLULAR HYDROLYTIC ENZYMES OF YEASTS ISOLATED FROM FRUIT AND BEET PEELS IN ALGERIA, page 7-16; DOI: https://doi.org/10.31407/ijees12.102

Julinda Jaho^{1*}, Suzana Nuellari², Artan Bano³, DECOMPENSATION OF CHRONIC OPEN ANGLE GLAUCOMA FOLLOWING A SPINAL STEROID INJECTION: A CASE REPORT, page 17-20; DOI: https://doi.org/10.31407/ijees12.103

Arpit Sharma^{1*}, Sanjeevi Shanthakumar², ACCOUNTABILITY OF CORPORATE TOWARDS ENVIRONMENTAL ISSUES THROUGH THE LENS OF CORPORATE SOCIAL RESPONSIBILITY (FINANCIAL) AND BUSINESS RESPONSIBILITY (NON-FINANCIAL) REGULATIONS WITH REFERENCE TO TOP 30 COMPANIES ON NIFTY, page 21-28; DOI: https://doi.org/10.31407/ijees12.104

Arjan Korpa^{1*}, Sara Dervishi¹, Diana Gecaj¹, Kristi Shahu¹, Spiro Drushku², REGENERATION EFFICIENCY ASSESSMENT OF A UMO TREATED WITH ACTIVATED KARAQEVA'S KOSOVO BENTONITE, page 29-40:

DOI: https://doi.org/10.31407/ijees12.105

Viacheslav Sichkar¹, Volodymyr Orekhivskyi², Lyudmila Bilyavskaya³, Anna Kryvenko^{1*}, Ruslan Solomonov¹, Anna Diyanova³, USE OF SOYBEAN GENETIC RESOURCES TO CREATE HIGHLY ADAPTIVE VARIETIES, page 41-58;

DOI: https://doi.org/10.31407/ijees12.106

Lulzime Dhora^{1*}, THE CONDITIONS OF MARKET FISH POPULATIONS, THAT IMPACT ON SHKODRA LAKE STABILITY, WATER QUALITY AND SUSTAINABLE FISHING, page 59-66; DOI: https://doi.org/10.31407/ijees12.107

Risida Gjonej^{1*}, Albana Poloska¹, Etleva Smakaj¹, Valbona Bezhani¹, Flora Zyberaj¹, ASSOCIATION OF DELIVERY MODE AND BREASTFEEDING, page 67-76;

Heyam Abdulrahman Al Mousa¹, Haseebullah Abdul Naeem^{1*}, Zainab Mohammed Alwan Al- Juboori², PERCEIVED-HOTELSCAPES AND ITS IMPACT ON CUSTOMER PATRONAGE: AN EMPIRICAL PERSPECTIVES, page 77-86;

DOI: https://doi.org/10.31407/ijees12.109

Nataliia Kovalenko^{1*}, Svitlana Yehorova², THE HISTORY OF DEVELOPMENT AND THE PERSPECTIVES OF IMPLEMENTATION OF INNOVATIVE TECHNOLOGIES FOR THE ENVIRONMENTALLY SAFE USE OF WATER AND LAND RESOURCES IN UKRAINE AT THE BEGINNING OF THE 21st CENTURY, page 87-100.

DOI: https://doi.org/10.31407/ijees12.110

Muhamet Kadrija^{1*}, Fatmira Karabollaj², LEVEL OF KNOWLEDGE AND NURSING PRACTICES ON DIABETIC FOOT MANAGEMENT, page 101-106;

DOI: https://doi.org/10.31407/ijees12.111

Albert Lama¹, Diamant Shtiza^{2*}, Enkelejda Shkurti³, THE IMPORTANCE OF URINE CULTURES IN THE FOLLOW-UP AFTER FIRST FEBRILE UTI, page 107-110;

DOI: https://doi.org/10.31407/ijees12.112

Nguyen Thi Hoa^{1*}, **Dinh Tran Ngoc Huy**², **Tran Van Trung**¹, IMPLEMENT POLICY ON STUDENT SCIENTIFIC RESEARCH AT VIETNAM UNIVERSITIES AND EDUCATIONAL INSTITUTIONS TODAY: ISSUES TO DISCUSS, page 111-118;

DOI: https://doi.org/10.31407/ijees12.113

Safwan Al Salaimeh^{1*}, **Khaldoun Besoul**², **Ayman Nayef Al Halaybeh**², POWERFUL ALGORITHM FOR ADAPTIVE RECOGNITION OF DYNAMIC SYSTEM PARAMETERS, page 119-124;

DOI: https://doi.org/10.31407/ijees12.114

Andia Meksi¹, Enkelejda Shkurti^{2*}, ORGANIZATIONAL, ETHICAL AND LEGAL ASPECTS OF PALLIATIVE CARE IN ALBANIA, page 125-132;

DOI: https://doi.org/10.31407/ijees12.115

Ekaterina Alexandrovna Vetrova^{1*}, Elena Evgen'evna Kabanova², Elena Vladimirovna Dupliy³, Julia Olegovna Sulyagina³, Sergey Anatolyevich Makushkin³, THE LANDSCAPING FEATURES OF THE CITY OF BALASHOV, RUSSIA, page 133-140;

DOI: https://doi.org/10.31407/ijees12.116

Adam Abdeljalil^{1*}, Saffaj Nabil¹, Mamouni Rachid¹, TOWARDS A GUIDELINE OF A SPILL MANAGEMENT: INDUSTRIAL SITES AS A CASE STUDY, page 141-148;

DOI: https://doi.org/10.31407/ijees12.117

Sergushina Elena Sergeevna^{1*}, Kabanov Oleg Vladimirovich¹, Lazareva Alina Igorevna¹, Aimen Anuarbek Talhauly², Atasheva Darya², Lyalin Evgeny Alexandrochich³, Pichugin Dmitry Vladimirovich⁴, Baulin Mikhail Aleksandrovich⁴, Bartsaykin Alexey Viktorovich⁵, MARKET ASSESSMENT OF PAYMENT FOR ECOSYSTEM SERVICES, page 149-158;

DOI: https://doi.org/10.31407/ijees12.118

Yana A. Volynchuk^{1*}, **Tatiana D. Lykova**², **Vasilina A. Popil**², POSSIBILITIES OF TERRITORIAL BRANDING AS DEVELOPMENT MANAGEMENT TOOL FOR THE FAR EAST OF RUSSIA, page 159-164; DOI: https://doi.org/10.31407/ijees12.119

Valentina V. Zhokhova^{1*}, **Natalya P. Belozertseva**¹, **Natalya A. Yurchenko**¹, FORECAST ESTIMATES OF FAR EASTERN EXPORT TREPANG TO CHINA, page 165-178;

Alla A. Udovikova^{1*}, Irina N. Marchenkova¹, A PRACTICE-ORIENTED APPROACH TO THE FINANCIAL STATEMENT-BASED BANKRUPTCY DIAGNOSIS, page 179-186:

DOI: https://doi.org/10.31407/ijees12.121

Larisa A. Glazunova^{1*}, Angelina A. Yurchenko¹, Yuri V. Glazunov¹, Evgenii M. Gagarin¹, Ivan V. Plotnikov¹, CONTAMINATION OF RAW MILK WITH CONDITIONALLY PATHOGENIC MICROORGANISMS AND ANTIBIOTICS, page 187-194;

DOI: https://doi.org/10.31407/ijees12.122

D.Iu. Tiulin^{1*}, A.A. Vasiliev¹, Iu.A. Guseva¹, O.A. Gurkin¹, A.A. Anurieva¹, FISH REPRODUCTION CONDITIONS OF THE VOLGOGRAD RESERVOIR IN THE WATER AREAS NEAR THE VILLAGES OF AKHMAT AND ZOLOTOE IN 2020 IN COMPARISON WITH PREVIOUS YEARS, page 195-200; DOI: https://doi.org/10.31407/ijees12.123

Mikhail Yu. Tretiakov^{1*}, Valeriy K. Tokhtar¹, Anna E. Ivleva¹, Julia N. Kurkina¹, Irina V. Batlutskaya¹, Igor V. Lyashenko¹, OPTIMIZING THE DRY PLANT SAMPLE PREPARATION METHOD FOR EFFICIENT DNA EXTRACTION IN *SYRINGA VULGARIS*, page 201-206;

DOI: https://doi.org/10.31407/ijees12.124

Valeriy K. Tokhtar*, **Mikhail Yu. Tretiakov, Victoria N. Zelenkova, Tatiana V. Petrunova**, ASSESSMENT OF THE PHYTOREMEDIATION POTENTIAL OF AQUATIC PLANTS OF THE BELGOROD REGION FOR WASTEWATER TREATMENT, page 207-216;

DOI: https://doi.org/10.31407/ijees12.125

Elena Igorevna Artemova¹, Olga Yuryevna Voronkova², Alexey Vladimirovich Kulchitsky³, Tatiana Victorovna Morozova⁴, Ravil Gabdullaevich Akhmadeev^{4*}, Vladimir Mikhailovich Plosky⁵, COUNTRY ASPECTS OF USE OF TAX INSTRUMENTS ON THE HYDROCARBON MARKET, page 217-224;

DOI: https://doi.org/10.31407/ijees12.126

Behcet Oznacar^{1*}, Mahmut Celik¹, FACTORS THAT LEAD TO CHANGE IN THE MISSION AND VISION STATEMENTS OF ORGANIZATIONS: A RESEARCH ON FIVE-STAR HOTELS OPERATING IN THE TURKISH REPUBLIC OF NORTHERN CYPRUS, page 225-236;

DOI: https://doi.org/10.31407/ijees12.127

Mustafa Gursoy^{1*}, BUSINESS ORGANIZATIONAL RESPONSE TO ENVIRONMENTAL ISSUES, page 237-244·

DOI: https://doi.org/10.31407/ijees12.128

Alexander M. Konstantinov^{1*}, EXPLORING THE ESSENCE OF THE GAME IN CONTEXT INTERACTION OF GAMING AND LEGAL NORMS, page 245-252;

DOI: https://doi.org/10.31407/ijees12.129

Ivan A. Usenkov^{1*}, EVALUATION OD "SUNSET LEGISLATION" AS A MEANS OF DEREGULATION, page 253-260:

DOI: https://doi.org/10.31407/ijees12.130

Galina Vukovich^{1*}, Anastasiya Ostrovskaya¹, Lina Zakharova¹, Egor Ponomarenko¹, Ekaterina Slepcova¹, STRATEGIC TRENDS THAT DETERMINE THE ACTUALIZATION OF MARKETING ELEMENTS OF PERSONNEL IN THE FIELD OF AGROTOURISM IN RUSSIA DURING THE CORONACRISIS, page 261-272; DOI: https://doi.org/10.31407/ijees12.131

Galina Vukovich^{1*}, Anastasiya Ostrovskaya¹, Lina Zaharova¹, Albert Kovalenko¹, Valentina Kuznecova², FORMALIZATION OF THE MARKETING CONTOUR HR-POLICIES IN THE FIELD OF AGROTOURISM IN RUSSIA AS A CONDITION FOR ITS BALANCED DEVELOPMENT, page 273-282;

Krystel Grace V. Padilla^{1*}, SCREENING OF PLANT-DERIVED EXTRACTS AGAINST DNase PRODUCTION OF *Staphylococcus aureus* 1582, page 283-290;

DOI: https://doi.org/10.31407/ijees12.133

Razanov Serhii^{1*}, Landin Volodymyr², Nedashkivskyi Volodymyr³, Ohorodnichuk Halina⁴, Gucol Galina⁵, Symochko Lyudmyla⁶, Komynar Mykola⁷, INTENSITY OF ¹³⁷CS TRANSITION INTO NECTAR-POLLINATING PLANTS AND BEEKEEPING PRODUCTS DURING RECLAMATION OF RADIOACTIVELY CONTAMINATED SOILS, page 291-298;

DOI: https://doi.org/10.31407/ijees12.134

Danny O. Alfonso^{1*}, MYCOCHEMICAL SCREENING, PROXIMATE ANALYSIS AND ANTIMICROBIAL ACTIVITY OF *Pleurotus pulmonarius* (Fr.) Quel, page 299-304;

DOI: https://doi.org/10.31407/ijees12.135

Olga Hafiiak¹, Lyudmyla Symochko^{1,2*}, SOIL AND WATER MICROBIOTA AS BIOINDICATORS FOR THE ASSESSMENT ECOLOGICAL STATUS OF ECOSYSTEMS, page 305-312;