Year: 2025 Volume: 7 Issue: 2

e-ISSN: 2687-5993

http://www.ijeska.com/index



International Journal of Earth Sciences Knowledge and Applications



Editor-in-Chief



International Journal of Earth Sciences Knowledge and Applications

Year: 2025 – Volume 7 – Issue 2

Editorial Team

Editor-in-Chief

Ekrem KALKAN, Professor, Geological Engineering Civil Engineering Department, Engineering Faculty, Ataturk University, Erzurum, Turkey

Associate Editor

Alaattin SAKCALI, PhD, Mining Engineering, Ataturk University, Turkey

Section Editors

Mine ALACALI, PhD, Geological Engineering, İzmir Seferihisar Municipality, Turkey

Yildiray PALABIYIK, PhD, Petroleum and Natural Gas Engineering, Istanbul Technical University, Turkey

Editorial Board Members

Gasham ZEYNALOV, Khazar University, Azerbaijan

Shahriyar KARIMDOUST, Payame Noor University, Iran

Yousef VASIGH, Islamic Azad University, Iran

Dineh PATHAK, Tribhuvan University, Nepal

Adnan KHAN, Karachi University, Pakistan

Ghulam MURTAZA, Kunming University of Science and Technology, China

Hamza Furkan HARPUTLUGIL, Exeter University, United Kingdom

Ergul YASAR, Iskenderun Technical University, Turkey

Hayrunnisa NADAROGLU, Ataturk University, Turkey

Muhammet Kaan YESILYURT, Ataturk University, Turkey

Suleyman AYDIN, Agri Ibrahim Çeçen University, Turkey

Çaglar OZER, Ataturk University, Turkey

Vagif GADIROV, Baku State University, Azerbaijan

Ahmed Wedam AHMED, AGH-University of Science and Technology, Poland

Akshey BHARGAVA, Global Institute of Engineering and Technology, India

Bishnu Pada BOSE, Indian Institute of Technology, India

Mustafa Engin KOCADAĞISTAN, Ataturk University, Turkey

Tugbanur OZEN BALABAN, Katip Celebi University, Turkey

Fusun S. TUT HAKLIDIR, Istanbul Bilgi University, Turkey

Adil OZDEMIR, Ataturk University, Turkey

Mohamed ABIOUI, Ibn Zohr University, Morocco

Muhammad Nasar-u-Minallah BHALLI, Postgraduate College Gojra, Pakistan

Gemechu Fufa ARFASA, Woalita Sodo University, Ethiopia

Tola SREU, Institute of Technology of Cambodia, Cambodia

Abdeldjalil Latrach, University of Wyoming, United States

Omer Faruk KALKAN, Middle East Technical University, Turkey

Alperen SAHINOGLU, Istanbul Esenyurt University, Turkey

Ahmet Numan OZAKIN, Ataturk University, Turkey

Chahreddine NAJI, Carthage University, Tunisia

Eric Dominic FORSON, University of Ghana, Ghana

Soudeh SEDIGHIAN, Velayat University of Iranshahr, Iran

Iraj SHARIFI, Middle East Technical University, Turkey

Farhat ULLAH, Quaid-I-Azam University, Pakistan

マメの国つ

International Journal of Earth Sciences Knowledge and Applications

Year: 2025 - Volume 7 - Issue 2

Contents

| | Research Article | |
|----|---|--------------------|
| 1 | Assessment of Water Quality for Both Surface and Groundwater in Ewhereh and Ohrerhe Towns, in Agbarho, Delta State D.E. Ogueh; E.S. Aladin | 147–163 |
| 2 | Land Use Land Cover Classification for Africa – A Case of The Republic of Ghana Using Systematic Review and Meta-Analysis | |
| 3 | Michael Stanley Peprah Ecological Status of Fluted Giant Clam of Andrew Bay in Rakhine Coastal Region, Western Myanmar Naung Naung Oo | 164–192 193–200 |
| 4 | Extraction and Characterization of Chitosan from the Shells of Indian White Prawn, Fenneropenaeus indicus (Edwards, 1837) | 170 200 |
| _ | Win Lai Lai Htay; Khin Khin Gyi | 201–207 |
| 5 | Granulometric and Geochemical Analyses of Stream Sediments from Part of Southwestern Nigeria: Implication for Mineralization Potential | |
| 6 | O.S. Bamigboye; O.A. Omorinoye; T.E. Bamidele; H.A. Umar | 208–222 |
| 6 | Study on the Biomass and Soil Carbon Content of Mangrove Forest in Magyi Coastal Area, Ayeyarwady Region, Myanmar | |
| | Adams A. Ayomide; Olufemi F. Ojo; Adeboye M. Blessing | 223–231 |
| 7 | Determination of the composition of Clay and Shale and their Industrial Potential Associated with the Ameki Formation in Nsugbe and its environs, Southeastern Nigeria | |
| _ | Grace Onmunaonyeshi; Ese Anthony Aladin; Osita Okeke | 232–247 |
| 8 | Carapace Length-Weight and Width-Weight Relationships of Mud Crab Scylla serrata (Forsskål, 1775) from Ye Estuary, Mon Coastal Area Zarni Ko Ko | 040.054 |
| 9 | The Impact of Mining Activities on Land Use/Land Cover (LULC) and Ecosystem Services in Sub- | 248–254 |
| , | Saharan Africa: A Case of the Republic of Ghana using Systematic Review and Meta-Analysis Michael Stanley Peprah | 255–277 |
| 10 | Urban Heat Island – A Strong Contributor to Climate Change – Case Study of Jaipur with Emphasis on Urban Forestry and Sustainable Development | |
| | Anindita Bhattacharya; Tania Das; Akshey Bhargava | 278–286 |
| 11 | Geochemical Characterization of Soils in A Semi-Urban Extension Area of Minna, Northcentral Nigeria Using EDXRF Instrumental Analysis Jimoh Rafiu Atanda; Ogungbade Olubukola Emmanuel; Adeniji Moradeyo Asifat; Okoli Ezindu Ebuka; Olaleye | |
| | Oluwatobi Solomon; Salami Jamiu Ademola | 287–295 |
| 12 | Notes on Violet Sea Snails in Ayeyarwady Intertidal Waters, Myanmar Naung Naung Oo | |
| 13 | The Evaluation of Some Heavy Metals on Soil in Dumpsite at Ifugbe Merogun, Warri South, Southern Nigeria | 296–302 |
| | O. Odokuma-Alonge; Faith Amina Okodugha | 303–309 |
| 14 | Species Occurrence of Marine Fishes in Cheduba Island, Rakhine State, Western Myanmar Myo Min Tun | 310–317 |
| 15 | Diversity of Seagrasses in Shwe Thaung Yan Coastal Area, Ayeyarwady Region, Myanmar | 310 317 |

318-324

Zue Zue Miko Min