

Geological Behavior (GBR)

HEAD OFFICE ADDRESS:

Zibeline International Publishing Sdn Bhd

C2-2-3, Block 2, CBD Perdana 3,
Persiaran Cyberpoint Timur,
Cyber 12, 63000 Cyberjaya,
Selangor.

Tel: +603-86879842

EDITORIAL STAFF:

Publishing Manager

Tasbia Ab Rajul

Publishing Co-Coordinator

Nurul Atikah Arsat

Publishing Editor

Farah Awanis Md Radzi

Publishing Editor

Nurul Afiqah Ab Manan

Technical Editor

Nuruljannah Kamarudin

Technical Editor

Fakhruddin Che Fauzi

Frequency:

Bi-annual (2 issue per year)

ISSN: 2521-0890 (Print)

ISSN: 2521-0491 (Online)

Price:

Single issue: 50 MYR

Price for abroad

Single issue: 25 USD

Web:

www.geologicalbehavior.com

E-mail:

info@zibelinepub.com

Geological Behavior (GBR)

Contents

VOLUME 4, ISSUE 2, 2020		
No	Editorial	Pages
1	RADIOLOGICAL EVALUATION OF THE CONCENTRATION AND IMPACT OF OIL AND GAS ACTIVITIES IN ERUEMUKOHWARIEN AREA OF SOUTHERN NIGERIA	47-53
2	GIS MAPPING OF BIR LEVELS AROUND FOSSIL FUEL AND GAS DISPENSING STATIONS AND ASSESSMENT OF THEIR RADIOLOGICAL RISK IMPLICATIONS	54-62
3	EVALUATION OF GROUNDWATER VULNERABILITY IN FRACTURED AQUIFER USING GEOELECTRIC LAYER SUSCEPTIBILITY INDEX AT OJU, SOUTHERN BENUE TROUGH NIGERIA	63-67
4	HYDROGEOPHYSICAL DELINEATION OF PROLIFIC GROUNDWATER AQUIFER AROUND STUDENTS' HOSTELS IN FUPRE CAMPUS, NIGERIA	68-72
5	A BRIEF REVIEW OF THE SLOPE STABILITY ANALYSIS METHODS	73-77
6	INVESTIGATION OF SUBSURFACE STRUCTURES WITHIN PARTS OF NIGER DELTA, NIGERIA, VIA AEROMAGNETIC DATA	78-83
7	INVESTIGATION OF STABILITY OF ENGINEERING PROJECTS USING SEISMIC REFRACTION TECHNIQUE	84-88
8	IDENTIFICATION OF STAKEHOLDER IN THE MANAGEMENT OF GEOPARK CILETUH IN SUKABUMI, WEST JAVA INDONESIA	89-92

Geological Behavior (GBR)

Editorial

Geological Behavior (GBR) publishes original research across a broad range of subfields in geology, including geophysics, geochemistry, sedimentology, geomorphology, petrology, plate tectonics, volcanology, environmental geology, medical geology, structural geology, mineralogy, and planetary sciences. Many of its articles have wide appeal for geologists, present research of topical relevance, and offer new geological insights through the application of innovative approaches and methods. This journal is devoted to the publication of research papers, short notes or communications, reports and reviews in all fields that are of general relevance to geology and different landscapes formation in the world. Contributions are subject to peer review and editorial control according to SCI guidelines to ensure that the required standard of scientific excellence is maintained.

Scientific Board

Editorial Team

Editor in Chief

Assoc Professor Dr. Rodeano Roslee
Faculty of Science and Natural Resources
University Malaysia Sabah, Malaysia
Kota Kinabalu, Sabah, Malaysia

Managing Editor

Dr. Mohd Nadzri Md. Reba
Institute of Geospatial Science & Technology (INSTeG)
Universiti Teknologi Malaysia Johor Bahru, Malaysia

Associate Editors

Professor Dr. Sanudin Tahir
Faculty Of Science And Natural Resources
University Malaysia Sabah, Malaysia
Kota Kinabalu, Sabah, Malaysia

Professor Dr. Felix Tongkul
Faculty Of Science And Natural Resources
University Malaysia Sabah, Malaysia
Kota Kinabalu, Sabah, Malaysia

Editorial Board

Professor Dr. S. Abd. Kadir S. Omang
Universiti Malaysia Sabah, Malaysia

Professor Dr. Baba Musta
Universiti Malaysia Sabah, Malaysia

Professor Dr. Charles C.S. Lin
Kao-Yuan University, Taiwan

Assoc. Professor Dr. Ranjan Kumar Dahal
Tribhuvan University, Nepal

Assoc. Professor Dr. Tajul Anuar Jamaluddin
Universiti Kebangsaan Malaysia, Malaysia

Assoc. Professor Dr. Mohammad Firuz Ramli
Universiti Putra Malaysia, Malaysia

Dr. Elsa Eka Putri
University Of Andalas, Indonesia

Dr. Ismail Abd Rahim
Universiti Malaysia Sabah, Malaysia

Dr. Zulherry Isnain
Universiti Malaysia Sabah, Malaysia

Dr. Norbert Simon
Universiti Kebangsaan Malaysia, Malaysia

Dr. Goh Thian Lai
Universiti Kebangsaan Malaysia, Malaysia

Dr. Mohd Rozi Umor
Universiti Kebangsaan Malaysia, Malaysia

Dr. Khamarrul Azahari Razak
Universiti Teknologi Malaysia, Malaysia

Dr. Frederick Francis Tating
Mineral And Geosciences Department Of Malaysia,
Malaysia

Dr. Mohamad Abd Manap
Mineral And Geosciences Department Of Malaysia,
Malaysia

Dr. Afsoon Moatari-Kazerouni
Department Of Geology Rhodes University Eastern
Cape, South Africa

Dr. Sadaf Naseem
Department Of Geology University Of Karachi Main
University Road Karachi, Pakistan

Geological Behavior (GBR)

Dr. Hadi Haeri
Department Of Civil Engineering Sharif University
Of Technology Iran.

Professor Dr. Douglas Erwin
Smithsonian Institution National Museum Of
Natural History, Washington, Usa

Professor Dr. William L. Griffin
Department Of Earth And Planetary Sciences,
Macquarie University, Sydney, Australia

Professor Dr. Ho-Kwang Mao
Geophysical Laboratory And Center For High
Pressure Research, Carnegie Institution Of
Washington, Usa, Washington, Usa

Professor Dr. Pinxian Wang
School Of Ocean And Earth Science, Tongji
University, Shanghai, China

Professor Dr. Zhiqin Xu
Institute Of Geology, Chinese Academy Of Geological
Sciences, Beijing, China

Dr. Qinhong Hu
Department Of Earth And Environmental Sciences,
The University Of Texas At Arlington, Texas, Usa

Professor Dr. Xiangyun Hu
School Of Geosciences China University Of
Geosciences Wuhan, China

Professor Dr. Menggui Jin
School Of Geosciences China University Of
Geosciences Wuhan, China

Professor Dr. Xiangdong Wang
Nanjing Institute Of Geology And Palaeontology,
Nanjing, China

Dprofessor Dr. Yixian Xu
School Of Geosciences China University Of
Geosciences Wuhan, China