

Pakistan Journal of Geology (PJG)

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 Editor

Farah Awanis Md Radzi

Publishing Editor

Nurul Afiqah Ab Manan

Technical Editor

Nuruljannah Kamarudin

Technical Editor

Fakhrudin Che Fauzi

Frequency:

Bi-annual (2 issue per year)

ISSN: 2521-2915 (Print)

ISSN: 2521-2923 (Online)

Price:

Single issue: 50 MYR

Price for abroad

Single issue: 25 USD

Web:

www.pakjgeology.com

E-mail:

info@zibelinepub.com

Contents

VOLUME 5, ISSUE 1, 2021		
No	Editorial	Pages
1	AGE AND DEPOSITIONAL ENVIRONMENT OF WALAT FORMATION BASED ON PALYNOLOGICAL ANALYSIS IN SUKABUMI REGENCY, WEST JAVA, INDONESIA	01-07
2	ESTIMATION OF THE STRUCTURAL PATTERN AND SEDIMENTARY THICKNESS OVER PART OF ANAMBRA BASIN, NIGERIA USING AEROMAGNETIC DATA	08-12
3	GROUNDWATER QUALITY EVALUATION IN MANDO AND RIGASA AREAS, KADUNA, NORTHWESTERN NIGERIA	13-24
4	GEOLOGY OF ALI KHANZAI BLOCK OF ZHOB OPHIOLITE, BALOCHISTAN, PAKISTAN	25-34
5	ANALYSIS OF THE SIMULATION OF THE WATER SUPPLY NETWORK OF THE NEW CITY OF GUELMA BY EPANET	35-40

Editorial

Indian subcontinent is well respected for its growing research activity in the geosciences, particularly in circum-Himalayan earth science. Pakistan Journal of Geology (PJG) is the peer-reviewed journal of the geologists in Pakistan. The PJG publishes scientific papers, notes, and discussions in the broadly defined fields of geoscience that are related to the geology of Asia. Contributions from Europe and Middle East and Africa are also welcome due to strategic location of Indian subcontinent as well as topical studies on any geoscience-related discipline. Production, publication, and distribution of the PJG are managed by the Zibeline International Publishing. The subject matter includes geology, geophysics, physical geography and pedology. Prospective contributors should consult recent issues of the journal and see whether a planned submission is appropriate. All research articles in this journal have undergone rigorous peer review, based on initial editor screening and single-blind refereeing.

Scientific Board

Editorial Team

Editor in Chief

Professor Dr. Ruslan Rainis
Geography Section
School of Humanities
Universiti Sains Malaysia
Penang, Malaysia

Dr. Afsoon Moatari-kazerouni
Department of Geology
Rhodes University
Eastern Cape, South Africa

Prof. Dr. M. Hassaan Awad
Professor of Sedimentary Geology
X. Vice President for Graduate
Studies and Research
Al-azhar University Cairo, Egypt

Managing Editor

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

M. Yasin
Institute of Geology,
University of Azad Jammu and Kashmir,
Muzaffarabad, Pakistan

Editorial Board

Professor Dr. D. P. Tripathy
Department of Mining Engineering
National Institute of Technology
Rourkela, India.

Professor K. C. Tiwari
Department of Geology
The Maharaja Sayajirao University of Baroda
Vadodara, India.

Dr. D. S. Subrahmanyam
Geotechnical Engineering Division,
National Institute of Rock Mechanics
Bangalore, India.

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

Dr. Zhang Zhihou
Faculty of Geosciences and
Environmental Engineering,
Southwest Jiaotong University, China

Professor Dr. Ho-kwang Mao
Geophysical Laboratory and Center for High
Pressure Research,
Carnegie Institution of Washington,usa,
Washington, USA

Pakistan Journal of Geology (PJG)

Prof Dr. Baoyu Jiang
School of Earth Sciences and Engineering,
Nanjing University, Nanjing, China

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

Professor Dr. Zhongqiang Chen
State Key Laboratory of Biogeology and
Environmental Geology
University of Geosciences
Wuhan, China

Dr. Hongrui Fan
Institute of Geology and Geophysics,
China Academy of Sciences,
Beijing, China

Dr. Qinhong Hu
Department of Earth and Environmental Sciences,
The University of Texas at Arlington, Texas, USA

Dr. Shenghong Hu
School of Geosciences
China University of Geosciences
Wuhan, China

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

Dr. Chao Li
School of Geosciences
China University of Geosciences
Wuhan, China

Dr. Jianwei Li
School of Geosciences
China University of Geosciences (Wuhan),
China

Dr. Yongsheng Liu
School of Geosciences
China University of Geosciences
Wuhan, China

Professor Dr. Qiang Wang
Guangzhou Institute of Geochemistry
Guangzhou, China

Professor Dr. Xiangdong Wang
Nanjing Institute of Geology and Palaeontology,
Nanjing, China

Prof. Dr. Jianghai Xia
School of Earth Sciences
Zhejiang University
Hangzhou, Zhejiang, China

Dr. Wei Xiang
School of Geosciences
China University of Geosciences
Wuhan, China

Professor Dr. Yixian Xu
School of Earth Sciences
Zhejiang University
Hangzhou, Zhejiang, China

Dr. Jinhui Yang
Institute of Geology and Geophysics,
Chinese Academy of Sciences, Beijing, China

Professor Dr. Maoyan Zhu
Nanjing Institute of Geology and Palaeontology,
Nanjing, China

Dr. Haroon Rashid
Head of the Department Civil Engineering,
Khawaja Fareed, University of Engineering
And Information Technology,
Rahim Yar Khan, Pakistan

Dr. Naveed Ahsan
Institute of Geology
University of the Punjab
Lahore, Pakistan

Dr. H.o Nwankwoala
Department of Geology Faculty of Science,
University of Port Harcourt, Nigeria

Dr. God'swill I. Alaminokuma
Department of Earth Sciences
Federal University of Petroleum Resources
Effurun
Delta State, Nigeria