

## 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

Nurul Afiqah Ab Manan

#### Publishing Editor

Rozalaidah Abdul Karim

#### Technical Editor

Nuraliah Natasha Amirulhisam

#### Technical Editor

Muhammad Aqil Zikry Mohd Nizam

### 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](http://www.pakjgeology.com)

### E-mail:

[info@zibelinepub.com](mailto:info@zibelinepub.com)

# Pakistan Journal of Geology (PJG)

## Contents

VOLUME 7, ISSUE 1, 2023		
No	Editorial	Pages
1	RESERVOIR CHARACTERIZATION USING SEISMIC ATTRIBUTES IN W-FIELD, ONSHORE NIGER DELTA	01-10
2	REGRESSION MODELLING OF THE ACCURACY OF GNSS REAL TIME KINEMATIC OBSERVATIONS REFERENCED TO SACREDION TERSUS GEOBEE30 CORS	11-20
3	THERMAL AND BURIAL HISTORIES OF NORTHERN DEPOBELT IN THE NIGER DELTA NIGERIA USING WELL-LOG DATA	21-31

## 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

#### 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

#### Associate Editors

Dr. Asghar Ali  
Associate Professor  
Department of Geology  
University of Peshawar

Gohar Rehman  
Assistant Professor  
Department of Geology  
University of Peshawar

#### 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. Tingdong Li  
College of Earth Sciences,  
Jilin University, Changchun, China

## Pakistan Journal of Geology (PJG)

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

Dr. Dezi Wang  
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

Dr. Jianghai Xia  
Institute of Geophysics and Geomatics  
China University of Geosciences  
Wuhan, China

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

Professor. Dr. Yixian Xu  
School of Geosciences  
China University of Geosciences  
Wuhan, 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