

ISSN: 2156-8359

Volume 17, Number 6, June 2026



International Journal of Geosciences



ISSN: 2156-8359



<https://www.scirp.org/journal/ijg>

Journal Editorial Board

ISSN: 2156-8359 (Print) ISSN: 2156-8367 (Online)

<https://www.scirp.org/journal/ijg>

Editors-in-Chief

Prof. Jacques Bourgois
Prof. Shuanggen Jin

Sorbonne University, France
Shanghai Astronomical Observatory, CAS, China

Editorial Board

Dr. John S. Armstrong-Altrin
Prof. Jong-Jin Baik
Prof. Rajasekhar Balasubramanian
Prof. Charles E. Button
Dr. Jian Chen
Prof. Ferid Dhahri
Dr. Paul R. Eizenhöfer
Dr. Dionisios Gasparatos

National Autonomous University of Mexico, Mexico
Seoul National University, South Korea
National University of Singapore, Singapore
Central Connecticut State University, USA
University of North Alabama, USA
Tunis El Manar University, Tunisia
University of Glasgow, UK
Department of Natural Resources Management and Agricultural
Engineering (NRM&AE), Agricultural University of Athens, Greece

Prof. Yury G. Gatinsky
Prof. Zakaria Hamimi
Prof. Ruixia Hao
Prof. T. Harinarayana
Prof. Oleg B. Khavroshkin
Prof. Anthony R. Lupo
Prof. Ashok K. Mishra

Vernadsky State Geological Museum, Russia
Benha University, Egypt
Peking University, China
BSAR Crescent Institute of Science and Technology, India
Russian Academy of Sciences, Russia
University of Missouri, USA
Department of Civil and Environmental Engineering, Texas A&M
University, USA

Dr. Massimo Mucciardi
Prof. Gerel Ochir
Prof. Junboun Park
Dr. Tarek Awad Seleem Salama
Dr. Mark J. Sciuchetti Jr.
Prof. Mahmoud Mohamed Senosy
Dr. Shailesh Kumar Singh
Prof. Xianfang Song
Dr. Agata Di Stefano
Prof. Khalid Tarawneh
Dr. Donald M. Thieme
Prof. Yaw A. Twumasi
Prof. Bernd Wünnemann
Prof. Fawu Wang
Prof. Xinghui Xia
Dr. Jianwen Yang
Prof. Xiaohuan Yang
Prof. Lianyang Zhang
Prof. A-Xing Zhu

University of Messina, Italy
Mongolian University of Science and Technology, Mongolia
Seoul National University, South Korea
Suez Canal University, Egypt
Jacksonville State University, USA
Assiut University, Egypt
National Institute of Water and Atmospheric Research, New Zealand
Chinese Academy of Sciences, China
University of Catania, Italy
Amman Arab University, Jordan
Valdosta State University, USA
Southern University and A&M College, USA
Freie Universitaet Berlin, Germany
Shimane University, Japan
Beijing Normal University, China
University of Windsor, Canada
Chinese Academy of Sciences, China
University of Arizona, USA
University of Wisconsin, USA

Table of Contents

Volume 17 Number 6

June 2026

Reconstruction of Tide Gauge Time Series in the Gulf of Guinea Using LSTM Neural Networks with Application to an External Reference Station

Y. N. Mimbeu, R. Onguene, S. Bogning, A. T. Kamga, O. U. I. O. Amougou,
S. Nguiya, R. Mouangue369

Lithostratigraphy of the Manganese Exploration Sites of the Lebaye Plateau in the Okondja Basin (SE-GABON)

I. E. M. M.-Z. Ona, C. M. A. Minto'o, D. N. Endamane, G. A. Angone, A. Nziengui-Ndala.....400

Study of the Physicochemical Quality of the Waters of the Continental Hamadien Aquifer in the Commune of Saé Saboua, Guidan Roumdji Department, Maradi Region

A. K. H. Saley, M. H. Abdoulaye, A. H. S. Moussa, H. S. Bana, I. Sandao.....414

Gold Bearing Quartz Vein Dyke Swarms and Shear Zones in the Aburna Gold District and Its Implication as a Low Rank Dextral Shear System

T. Haile434

International Journal of Geosciences (IJG)

Journal Information

SUBSCRIPTIONS

The *International Journal of Geosciences* (Online at Scientific Research Publishing, <https://www.scirp.org/>) is published monthly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$79 per copy.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

COPYRIGHT

Copyright and reuse rights for the front matter of the journal:

Copyright © 2026 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

<http://creativecommons.org/licenses/by/4.0/>

Copyright for individual papers of the journal:

Copyright © 2026 by author(s) and Scientific Research Publishing Inc.

Reuse rights for individual papers:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

Disclaimer of liability

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: ijg@scirp.org



International Journal of Geosciences

ISSN: 2156-8359 (Print) ISSN: 2156-8367 (Online)

<https://www.scirp.org/journal/ijg>

International Journal of Geosciences (IJG) is an international refereed journal dedicated to the latest advancement of geosciences. The goal of this journal is to keep a record of the state-of-the-art research and to promote study, research and improvement within its various specialties.

Editors-in-Chief

Prof. Jacques Bourgois
Prof. Shuanggen Jin

Sorbonne University, France
Shanghai Astronomical Observatory, CAS, China

Subject Coverage

All manuscripts submitted to IJG must be previously unpublished and may not be considered for publication elsewhere at any time during IJG's review period. Additionally, accepted ones will immediately appear online followed by printed in hard copy. Topics to be covered by this journal include, but are not limited to:

- Atmosphere
- Biosphere
- Cartography
- Climate Change
- Earth System Modelling
- Earthquake and Seismology
- Environmental Science
- Estuarine and Coasts
- Geochemistry
- Geodesy and Surveying
- Geographic Information System
- Geography
- Geo-Instrument Developments
- Geology
- Geomechanics
- Geomorphology and Surficial Process
- Geophysics
- Geostatistics
- Glaciology
- Hydrosphere
- Lithosphere or Geosphere
- Marine Resources
- Mineralogy
- NASA Earth Science Enterprise
- Oceanography
- Pedosphere
- Petrology
- Seismology
- Soil Science

We are also interested in: 1) Short Reports—2 to 5 pages where the paper is intended to present either an original idea with theoretical treatment or preliminary data and results; 2) Book Reviews—Comments and critiques of recently published books in Geosciences.

Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

Website and E-Mail

<https://www.scirp.org/journal/ijg>

E-mail: ijg@scirp.org

What is SCIRP?

Scientific Research Publishing (SCIRP) is an open access academic publisher. It currently publishes more than 200 peer-reviewed open access journals covering a broad spectrum of academic disciplines. Through its open access publishing model, SCIRP is committed to supporting the global research community and promoting the dissemination, exchange, and application of scholarly knowledge.

What is Open Access?

SCIRP ensures that all original research papers it publishes are offered free and continuing online accessibility as soon as they are published. In order to deliver open access journals, SCIRP charges authors to cover operational expenses and subscription fees only for the printed version. Open access publishing allows for unrestricted and worldwide access to the complete text of research papers, and is thus most advantageous to the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience



**Scientific
Research
Publishing**

Website: <https://www.scirp.org>

Subscription: sub@scirp.org

Advertisement: service@scirp.org