

# JOURNAL OF GEOSCIENCE, ENGINEERING, ENVIRONMENT AND TECHNOLOGY

Volume 4. No 2. June 2019. p 1 - 90

ISSN (print) : 2503-216x ISSN (online): 2541-5794





. and rechnologi

#### (Journal of Geoscience, Engineering, Environment, and Technology)

#### Publish periodically four times annually

Our journal has accredited as a scientific journal (S2) by The Ministry of Research, Technology, and Higher Education No 30./E/KPT/2018 Period : 2017 - 2021

#### Scope of Journal

Paper covering the following aspects of Geology, Earth and Planetary Science, Engineering, Environtment, and Technology

#### Address of Secretariat and Paper Submitting

Jl. Kaharuddin Nasution No 113 Marpoyan Damai Pekanbaru, Riau 28284 Phone.(0761) 72126 , Fax. 0761-674834 e-mail: jgeet@journal.uir.ac.id; web: http://journal.uir.ac.id/index.php/JGEET

#### EXECUTIVE EDITORIAL ADVISOR

Prof. Josaphat Tetuko Sri Sumantyo, Ph.D (Japan) Prof. Mega F. Rosana, Ph.D (Indonesia) Prof. Dr. Abdul Rahim Samsudin (Malaysia) Prof. Dr. Sabah A. Ismail (Iraq)

#### EDITOR IN CHIEF

Dr. Eng. Husnul Kausarian B.Sc. (Hons), M.Sc. (Indonesia)

#### JOURNAL MANAGER

Catur Cahyaningsih B.Sc (Hons) M.Sc.(Indonesia) Tiggi Choanji S.T, M.T (Indonesia)

#### EDITORIAL MEMBER

Dr. Kurnia Hastuti (Indonesia) Dr. Evizal Abdul Kadir S.T., M.Eng (Indonesia) Dr. Eng. Takahiro Miyazaki (Japan) Dr. Mursyidah, M.Sc. (Indonesia) Dr. Sapari Dwi Hadian MT (Indonesia) Dr. Emi Sukiyah ST., MT (Indonesia) Bambang Setiadi Ph.D (Indonesia) Dr. Vijaya Isnaniawardhani (Indonesia) Dr. Anas Puri S.T, M.T (Indonesia) Mirza Muhammad Waqar, M.Sc (Pakistan) Good Fried Panggabean, S.T, M.T (Indonesia) Dr. Eng. Muslim, M.T (Indonesia) Yuta Izumi M.Eng (Japan) Kageaki Inoue, M.Eng (Japan) Dewandra Bagus EP., B.Sc (Hons) M.Sc. (Indonesia) Adi Suryadi B.Sc. (Hons) M.Sc. (Indonesia) Yuta Izumi, M.Eng (Japan) Yuniarti Yuskar S.T, M.T (Indonesia) Muhammad Zainuddin Lubis S.Ik M.Si (Indonesia) Pakhrur Razi, S.Si, M.Si (Indonesia) Babag Purbantoro, S.T, M.T (Indonesia) Budi Prayitno S.T, M.T (Indonesia) Joko Widodo, S.Si, M.Si (Indonesia) Eunice Wanjiku Nduati M.Agr (Kenya)



ingineering Emironment

## PREFACE

Welcome to the Journal of Geoscience, Engineering, Environment and Technology (JGEET). JGEET is a peer reviewed, open access and online journal in English for the enhancement of research in various areas of science and engineering. The aim of the JGEET is to give a highly readable and valuable addition to the literature which will serve as an indispensable reference tool for years to come Now, we're publishing new volume 04 No 02 2019.

We are pleased the scientist and researcher to publish in this journal. This journal discussed the topic related to the areas of geoscience, engineering, environment, and technology.

As the Editor-in-Chief of the JGEET, I take this opportunity to express my sincere gratitude to authors who have chosen JGEET to disseminate their research. Further, I would like to thank executive editorial advisor, journal manager, editorial member and other supporting staff for the success of this Journal.

We are more than happy to receive contributions for our next issue from academicians, Eminorments and technolog researchers, scholars and practitioners to ensure the consistency and the success of the Journal.

Ceostience.

Engineering

Thank you very much.

**Editor-in-Chief** 



### LIST OF CONTENT

Depositional Environmental Changes of Cimanceuri Formation Based on
Mollusk Fossil Assemblages in Bayah, Banten Province
Identification and Stratiraphic Position of Mollusk Type Locality at West
Progo Stage
Alteration Alteration, Mineralization and Geochemistry of Metamorphic
Rocks Hosted Hydrothermal Gold Deposit at Rumbia Mountains, Bombana
Regency, Southeast Sulawesi, Indonesia
An earth science topic Tidal Ellipses Analysis Based on Flow Model
Hydrodynamic Data Acquisition in Mandeh Bay, West Sumatera
Petrogenesis of Volcanic Arc Granites from Bayah Complex, Banten,
Indonesia
Assessment of the Leachate Contamination Level of Groundwater Resource at
a Dumpsite, In Minna, North Central, Nigeria Using Resistivity Method
Middle Miocene Black Shale of Airbenakat Formation in Berau Areas, Jambi:
are they potential source rock?
Review : Bathymetry Mapping Using Underwater Acoustic Technology
Case Studies : Adaptation to the Climate Change Impact through Community
Participation on Customary Land Use
in the second
Contraction of the second s
XUL X
Entry out
WY inte
6109.
nce.
det
Ceoscience Engineering
Ge

