

Cover Letter

March, 7th 2024

Editorial Team of Indonesian Journal of Geography, Faculty of Geography, Universitas Gadjah Mada, Indonesia

Dear Editor of IJG,

I am submitting a manuscript for consideration of publication in Indonesian Journal of Geography. The manuscript is entitled “DISCOVERY OF MARINE MACROZOOBENTHOS FOSSILS IN THE RIVER OF WONOCOLO GEOSITE, INDONESIA”. It has been approved by all authors, has not been published elsewhere and that it has not been submitted simultaneously for publication elsewhere.

The important findings in this research are marine macrozoobenthic fossils and Foraminifera have been recently discovered at the bottom of the Wonocolo River. The fossils found, such as *Azooxanthellate* from the phylum *Cnidaria*, typically inhabit the sea up to a depth of 2000 meters. Similarly, the discovery of *Dentaliida* fossils from the *Mollusca* order, which typically lives in the sea at depths of 500-7000 meters, further supports the theory that the Wonocolo Formation was formed from a seabed lifted due to geological activity. Furthermore, the discovery of *Foraminifera* fossils also provides evidence that their original habitat is the deep sea. This discovery is unique as the Wonocolo Area is far from the sea and located at an altitude of 250 MASL. The fossil evidence found at the bottom of the Wonocolo River strengthens the theory of the Wonocolo Formation's origin. Additionally, these fossils can be a valuable asset for the region in the development of the Wonocolo Geosite.

For the purpose of reviewing my manuscript, I suggest the following reviewers:

Name	Address	Affiliation	E-Mail
1. Dr.Eng. Ir. Didit Hadi Barianto, S.T., M.Si., IPM.	Jl. Grafika 2, Yogyakarta , Indonesia.	Departemen Teknik Geologi, Fakultas Teknik, UGM.	didit_geologi@ugm.ac.id
2. Dr. Muhammad Helmi, S.Si., M.Si.	Semarang, Indonesia.	Program Studi Oceanografi, FPIK, UNDIP.	mhelmi@lecturer.undip.ac.id
3. Prof Dr. Ir. Sari Bahagiarti K., M.Sc.	Yogyakarta, Indonesia.	Jurusan Teknik Geologi, Fakultas Teknologi Mineral, UPN Veteran	saribk@upnyk.ac.id

Thank you very much for your consideration.

Yours Sincerely,

LAILY AGUSTINA RAHMAWATI

Doctoral Program in Environmental Science, School of Postgraduate, Diponegoro University

Address: Dsn. Mantup Rt 13/04 Desa Drajat, Kecamatan Baureno, Kabupaten Bojonegoro

Hp: 081235810901

Email: laily.tiyangalit@gmail.com