



Certificate

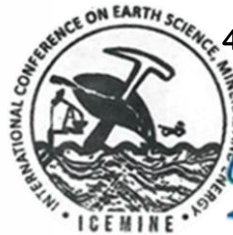
This Certificate is Proudly Presented to

Joko Pamungkas

As Author
on

**4th International Conference on Earth Science Mineral and Energy 2021
Faculty of Mineral Technology
UPN "Veteran" Yogyakarta**

October 28th, 2021



Chairman
4th ICEMINE 2021

Dr. Herry Riswandi, S.T., M.T



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