

Okayama University

# Earth Science Reports

*Vol. 31, No. 1\*, 2025 (Annual)*

© 2025

by

Okayama University  
Earth Science Reports Editorial Committee  
All Rights Reserved

Chief Editor: Hiroshi Takenaka  
e-mail: [htakenaka@cc.okayama-u.ac.jp](mailto:htakenaka@cc.okayama-u.ac.jp)

Editors: Mayuri Inoue, Junji Yamakawa  
and Takao Fujiwara

*Publisher*

Department of Earth Sciences, School of Science,  
Okayama University  
1-1, Tsushima-Naka 3chome, Kita-ku, Okayama 700-8530, JAPAN  
TEL. 81-86-251-7891 FAX. 81-86-251-7895  
<https://www.okayama-u.ac.jp/user/earth/>

\* No. 1 is issued annually, additional volumes of the same year  
will be published occasionally using No. 2, etc.

Printed in Japan