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Gedung BJ Habibie, Jl. M.H. Thamrin No.8, Kebon. Sirih,

Menteng, Jakarta Pusat, Daerah Khusus Ibukota Jakarta 10340

Phone: +62 811-8612-369

Email: penerbit@brin.go.id, jurnal@rmpi.brin.go.id

Website: www.jrisetgeotam.lipi.go.id

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Preface

Dear RGP readers,

We are delighted to deliver the first issue of Volume 35 of Riset Geologi dan Pertambangan (Geology and Mining Research). This issue publishes five papers dealing with seismic hazards, tectonic geomorphology, and granite mineralogy. **Hermawan et al.** present their work on distribution of PGA values on bedrock in central Java area using Probabilistic Seismic Hazard Analysis. They further suggest that there is a necessity in earthquake mitigation to minimize losses when a major earthquake occurs in the future. The second article by **Fahrezi et al.** describes seismic hazard evaluation using seismic response analysis in Bengkulu area. In the third article, **Maryudhaningrum et al.** elucidate the role of groundwater extraction and natural consolidation to land subsidence in Bandung Basin.

The fourth article by **Faturrahman et al.** presents a new insight into hydrogen exploration by using tectonic geomorphology to identify key target areas based on their tectonic activity in relation to the occurrence of active faults in central Sulawesi area. Whereas, the last paper by **Elly et al.** is dealing with new petrography and X-ray diffraction data of granite from Hukurila area that contributes in understanding granite petrogenesis in Ambon, eastern Indonesia.

We acknowledge the authors and reviewers for their valuable works and contributions to this issue. Many thanks to the editorial members and staffs for their continuous support for the publication of this first issue of this year. We welcome your scientific contributions for the next upcoming issues.

Sincerely,

The Editors of RGP

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