Special Issue

The Investigation of Polymetallic Nodule Resources in the Deep Ocean: Review and Perspective

Message from the Guest Editors

Polymetallic nodules are emerging as the most promising deep-sea minerals since they are enriched in some critical metals, including Co, Ni, Mn, Cu, and REEs. In recent years, new progress has been made in the research and exploration of polymetallic nodules. New exploration areas such as the Western Pacific have opened. New instruments and techniques have been deployed. A new vision from a global scale to a nanometer scale was expanded. We are pleased to invite you to submit your new research results on the mineralization of nodules, exploration discoveries, resources assessment, and exploration techniques. This Special Issue aims to publish the progress made over the last 10 years in the field of the research and exploration of polymetallic nodules. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Discoveries on the mineralization researches;
- New exploration results on geochemical, mineralogical, and spatial distribution characteristics of nodules;
- New progresses in terms of resources assessment techniques.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Minerals welcomes submissions that report basic and applied research in mineralogy. Research areas of traditional interest are mineral deposits, mining, mineral processing and environmental mineralogy. The journal footprint also includes novel uses of elemental and isotopic analyses of minerals for petrology, geochronology and thermochronology, thermobarometry, ore genesis and sedimentary provenance. Contributions are encouraged in emerging research areas such as applications of quantitative mineralogy to the oil and gas, manufacturing, forensic science, climate change, geohazard and health sectors.

Editor-in-Chief

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