

PROFILE



Korea Institute of Geoscience and Mineral Resources(KIGAM)

Leading Innovative Solution of Geo-Technology to Sustainable Earth

✓ Secondary Battery ✓ Aerospace and Marine Technology ✓ Hydrogen



Website QR

Information

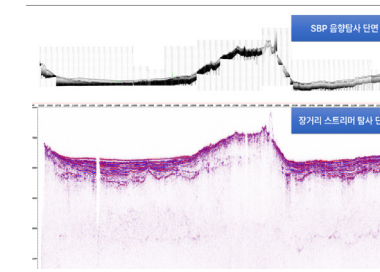
Main Contact	+82-42-868-3411
Website	https://www.kigam.re.kr
Purpose of Establishment	Contributing to sustainable national development through domestic and international onshore and offshore geological surveys, exploration, development, and utilization of subsurface resources, and R&D and dissemination of achievements in response to geological hazards and global environmental change.
Main Responsibilities	• Geo-information & Geotechnology for public safety and awareness • Mineral resources utilization and recycling technology for the mining industry • Original technology for petroleum and gas resources to secure energy in the future • New geo-technology on global climate change to improve the quality of life in Korea
Planned Recruitment	00 positions

Contact

Department	Human Resources Department
Phone	+82-42-868-3782
E-mail	dhkim@kigam.re.kr



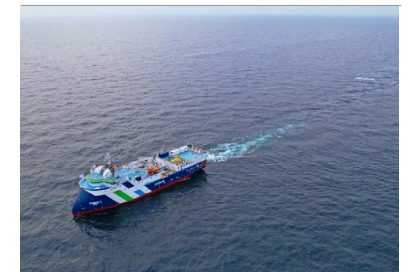
Key Achievements



Exploration and Potential Assessment of Rare Earth Element Resources in the Western Pacific Seafloor



Development of geological convergence technology for landslide / debris flow hazards due to climate crisis



3D/4D Geophysical Survey Research Vessel (Tamhae 3) Construction Project

Research & Project List

Development of intelligent geological information, geohazard, and underground space safety technologies

- 1) Enhancement of geological information and development of underground space utilization technologies
- 2) Development of prediction and response technologies for geological hazards including earthquakes, active faults, and volcanoes
- 3) Establishment of a national geoscience data center and enhancement of the outcome diffusion system

Development of technologies for securing the nation's future energy and resources

- 1) Development of exploration and securing technologies for critical minerals underpinning future industries
- 2) Development of technologies for critical mineral utilization and future resource circulation
- 3) Development of low-carbon energy transition technologies for stable petroleum supply and marine resource security

Development of technologies for carbon reduction and geo-environmental resilience

- 1) Development of carbon reduction technologies based on geological storage and utilization
- 2) Development of technologies for integrated management of groundwater and geological environments