PROFILE

Korea Institute of Geoscience and Mineral Resources(KIGAM)

Leading Innovative Solution
of Geo-Technology to Sustainable Earth

Website QR

Secondary Battery | Aerospace and Marine Technology | Hydrogen

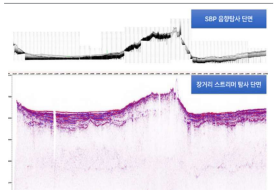
Information

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 geo-resources 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