

Jung-Woo Park

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Jung-Woo Park is an igneous petrologist who has spent much of his career in the study of magmatism at subduction zones. The chalcophile element behavior during igneous processes and associated magmatic hydrothermal mineralization are the main research interest. His PhD studies on platinum group element geochemistry of arc-related magmas at Australian National University have been continued at Seoul National University. For the last four years, he focused on submarine volcanism, formation of seafloor sulfide deposits and mantle processes of the arc and back environments. He has participated in a research voyages to the Central Indian Mid Ocean Ridge with Korean ship to investigate the link between seafloor hydrothermalism and deep-sea biology. He also joined in Ocean Discovery Program Expedition 366 to the Mariana convergent margin for better understanding of chalcophile element geochemistry of sub-arc mantle.