

太平洋およびフィリピン海に分布する Fe-Mn クラストの Os 同位体比層序学 Os isotope stratigraphy of ferromanganese crust in the Pacific Ocean and Philippine Sea

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We report the Os isotope stratigraphy of Fe-Mn crusts collected from the Takuyo #5 and MC10 Seamounts in northwestern Pacific Ocean and Ryusei Seamount in the Philippine Sea. Based on the depositional age of Fe-Mn crusts dated by Os isotopes together with major and trace element compositions determined by ICP-QMS analyses, we will discuss growth rate, geochemical signature and genesis of Fe-Mn crusts.

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