



# BULLETIN OF THE MARINE GEOLOGY



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## PREFACE

*Marine Geological Institute of Indonesia (MGI'S) responsibilities are to provide marine geoscientific map, research and information to support sustainable development of Indonesian's mineral and petroleum industries, mapping of Indonesian Coastal and Ocean Territory, identification of marine and coastal geological hazards, and tom provide marine and coastal geological and geophysical data base for marine and coastal landscape.*

*In this first issue of year 2010, the number of important information are highlighted involving: a comparison of major elements between marine sediments and igneous rocks :as a basic determination of the sediment source at Ujung Penyusuk Waters, North Bangka, Bangka Belitung Province, heavy minerals in placer deposit in Singkawang waters, West Kalimantan, related to felsic source rock of its coastal area, reconstruction of sea water  $\delta^{18}\text{O}$  signal from coral  $\delta^{18}\text{O}$  : a record from Bali coral, Indonesia, the rate of sedimentation estimation of Tanjung Api-Api estuary, South Sumatera by using  $^{210}\text{Pb}$  profile, heavy metal contents in marine sediments and seawater at Totok Bay area, North Sulawesi*

*Editors*