



BULLETIN OF THE MARINE GEOLOGY

Volume 24, No. 1

June 2009

ISSN : 1410-6175



The accretion process at Sukajaya

ENVIRONMENTAL CONTROL OF NANNOPLANKTON AND FORAMINIFERA ASSEMBLAGES IN MADURA WATERS

By : Vijaya Isnaniawardhani 1-12

THE INCLINATION OF COASTLINE CHANGES AND ITS IMPLICATION FOR LANDUSE MANAGEMENT OF KARAWANG WEST JAWA PROVINCE

By : Ediar Usman 13-23

TYPE AND DISTRIBUTION OF CORAL REEF ON THE KARIMATA COAST, WEST KALIMANTAN

By : Noor Cahyo D. Aryanto and Yani Permanawati 24-34

STUDY OF THE SEDIMENTATION TREND IN THE PORT PROSPECTIVE AREA FOR THE CIREBON MARINE FACILITY CENTER, BASED ON REMOTE SENSING DATA

By : Undang Hernawan 35-44

DETERMINING A SUFFICIENT DEPTH OF PILE FOUNDATION ON THE PERTAMINA GRAVING DOCK DESIGN SORONG PAPUA

By : Franto Novico 45-53

INSURED EDITOR

Director of Marine Geological Institute

VICE CHIEF OF INSURED EDITOR

Head of Affiliation Division

CHIEF OF EDITORIAL BOARD

Kris Budiono, M.Sc.

VICE CHIEF OF EDITORIAL BOARD

DR. Susilohadi

EDITORIAL BOARDS

Prof. Ris. Dra. Mimin Karmini (*micropaleontologist*)

Ir. Hananto Kurnio, M.Sc (*marine sedimentologist*)

Ir. Ediar Usman, MT. (*marine geologist*)

Ir. Noor Cahyo Dwi Aryanto, MT. (*marine mineralogist*)

ASSOCIATE EDITORS

Prof. Ris. DR. Ir. Udi Hartono (*petrologist*)

DR. Hermes Panggabean, M.Sc. (*sedimentologist*)

PUBLISHER BOARDS

Djoko Indriastomo, Dipl. Geol. (*Chief*)

Ir. Andy H. Sianipar, M.Si.

Ir. I Wayan Lugra

Sutisna

For communication of this publications, please contact :
MARINE GEOLOGICAL INSTITUTE
Jalan Dr. Junjuran 236, Bandung-40174, Indonesia
Telephone : +62-22-6032020, 6032201, Fax : +62-22- 6017887
E-mail : bulletin@mgi.esdm.go.id

PREFACE

Marine Geological Insitute of Indonesia (MGI'S) responsibilities are to provide marine geocientific 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 to provide marine and coastal geological and geophysical data base for marine and coastal landscape.

This volume contains papers covering information of environmental control of nannoplankton and foraminifera assemblages in Madura Waters, the inclination of coastline changes and its implication for landuse management of Karawang District, West Java Province, types and distribution of coral reef on Karimata coast, West Kalimantan, study of the sedimentation trend in prospective area of port of marine center, Cirebon based on remote sensing data, determining a sufficient depth of pile foundation on the Pertamina Graving Dock design Sorong Papua.

Editors

Guide for Authors - Geoscience Publications

Bulletin of the Marine Geology

MANUSCRIPTS

1. Manuscripts should be written in English, occasional contribution in Bahasa Indonesia will be considered for publication. This bulletin is a medium for the publication of original of marine geology, geophysics, geochemistry and related subjects.
2. The original and two copies of the manuscripts should be submitted for review purposes.
3. Manuscripts should be typewritten and doubled space. First lines of each new paragraph should be indented.
4. The entire manuscript should be paginated starting with the title page.
5. Only words to be set in italics should be underlined.
6. Manuscripts should in general be organized in the following order :
 - a. Title
 - b. Name(s) and affiliation(s) of author(s)
 - c. Abstract (not more than 500 words) in two languages English and Bahasa Indonesia. Articles in English should start with an abstract in English followed an abstract by Bahasa Indonesia.

The abstract must be an informative statement of the content of the paper, explaining what the problem is, the method used, a statement of the results and the main conclusions. Constructions using phrases such as "this paper discusses", "are described" and "is reported" have no place in an abstract : by reading the abstract, the reader should be able to understand the essential qualities of the paper without referring to the paper itself.
 - d. Introduction
 - e. Methods, techniques, material studies. and area descriptions.
 - f. Results
 - g. Conclusions
 - h. Acknowledgements
 - i. References : the following system should be used for arranging references.
 - *For periodicals*

Katili. J.A., 1978, Past and present geotectonics position of Sulawesi, Indonesia. *Tectonophysics*, 45 : 289-322.
 - *For edited symposia, special issues, etc., published in periodical*

Silitonga. P.H., Pudjowaluyo, H. And Molat, H., 1981, Geological Reconnaissance and mineral prospecting on Bacan Island (Mollucas, Indonesia). In: A.J. Barber and S. Wiryosujono (Editors), *The Geology and Tectonic of Eastern Indonesia*, Pergamon Press : 373-381.
 - *For Books*

Bemmelen. R.W van, 1949, *The Geology of Indonesia*. Netherlands Govt. Printing Office. The Hague, 997p.

Submission of electronic text

In order to publish the paper, authors are encouraged to submit the manuscript on a 3.5" or CDROM.