

MESSAGE FROM THE IReSES PRESIDENT AND VICE PRESIDENT

International Society of Remote Sensing and Earth Sciences (IReSES) is a scientific forum which was formed to study Earth sciences and remote sensing through mutual and international understanding and collaboration with emphasis on fostering sciences interest and capability in developed and developing countries especially in the South-East Asia region. The IReSES was established in September 2002 based on participation of individual scientists, and extended to the involvement with universities, research institution, government agencies and private institution in countries related to Advanced Technology. Geosciences. Agriculture, Oceanography. Meteorology and earth environmental researches.

Generally, not only developed countries, but also the developing countries in South-East Asia have research priorities which should be done devotedly and intensively, among others are: 1) Research linked with the utilization of marine resources in the Ocean and coastal area. 2) Research linked natural disaster, such as Yogyakarta earthquake. Merapi mountain explosion and Aceh tsunami etc, 3) Research linked with space management, design and construction of coastal area and deep ocean, 4) Research linked with pollution control in coastal and marine area, 5) Research linked environmental support capacity upon construction activities, such as shrimp aquaculture pond, tourism, residential area, industrial area, agricultural, etc. IReSES is expected to contribute some of research findings for the above research priorities.

The IReSES has the main objective to promote studies of the oceans and related geosciences using remote sensing technology through international collaboration. The scientific topics are widely range, such as greenhouse effect, ENSO, Natural disasters, pollution, sea level rise and other climatic variability in South-East Asia, ocean circulation, ocean color, marine optics, miscellaneous oceanographic information, underwater acoustics, coastal zone management, fisheries oceanography, etc.

The society aims to provide better opportunities for scientists not only developed countries but also developing countries for learning and applying the state of the art in earth remote sensing including space data, pursuing studies in underwater development, information technology, environmental sciences, exploration of marine resources, etc. The promotion is implemented through international symposium or conferences, and training courses.

The inauguration of International Journal of Remote Sensing and Earth Sciences (IJReSES) with its Fourth periodical scientific journal edition is an effective way to disseminate those scientific results among the Society members, marine scientist and other interested people, the journal also has the role for facilitating the exchange view and discussion on special topics by scientists or readers. This is in conformity with the annual international symposium conducted by IReSES which could be used as forum for scientific exchange and promotion of ocean studies with related earth sciences. It is expected that the scientists in South-East Asia and its surrounding, as well as other international scientists could use this journal as medium for disseminating research results.

Denpasar - Bali. September 2002

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Editorial Committee Preface

Dear Readers,

Welcome to the Fourth issue of International Journal of Remote Sensing and Earth Sciences. This journal is expected to enrich the serial publications on earth sciences, in general, and remote sensing in particular, not only developed countries but also in South-East Asia countries.

The contents of this journal are of particular interest to remote sensing as the tool for geosciences, oceanography, marine biology, fisheries and meteorology, but pure sciences papers on geosciences, oceanography, marine biology and fisheries aspects are also welcomed. Inside this Fourth edition, there are varieties of topics were discussed, including natural disasters, ocean color, marine habitat (coral reef and mangrove), pelagic fish, tidal, wave, and rice field.

This journal is intended, among others, to fill the gap of information media on remote sensing and earth sciences. This journal is also intended to encourage young scientists not only developed countries, but also developing countries, such as in Indonesia and southeastern Asian countries to express and contribute their thoughts to be published in this journal. Therefore we would invite those scientists to manifest their thoughts and ideas through research papers, short reports, introduction of new products, and other materials as stated in the information to Contributions. We are looking forward to receive your manuscript for this journal.

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