

# **INTEGRATION MODEL OF MARITIME AND TOURISM IN THE REGIONAL AREAS TO ENHANCING ECONOMY IN THE EAST INDONESIA**

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## **Abstract**

The growth of the maritime economy and the tourism economy is increasingly supported by the Sea Tol (Sea Highway) program. Data states that the number of foreign tourists visiting Indonesia during January-April 2016 reached 3.52 million visits. In addition to the maritime economy, data also suggested up by 1.98 percent compared to the previous month and up 16.50 percent compared to the same month in 2015. Economic growth in East Indonesia should be optimally utilised by the Government by developing the Maritime Economy and Tourism Integration Model. This study aims to model, mapping and economic feasibility of Maritime Economic Integration and Tourism in the region to improve the economy of East Indonesia, along with the making of Geographic Information System that supports the economic development. Research conducted in three stages, first stage is modeling, mapping and economic feasibility analysis of Maritime Economic and Tourism Integration Model, accompanied by making Geographic Information System, continued Second stage is to develop Geographic Information System application model of Integration of Maritime Economy and Tourism Development Eastern Indonesia. The paper will present the first stage of the modelling and mapping based on the data provided by Indonesian government.

## **Keywords (12 font)**

Economic Integration, Tourism Economics, Maritime Economics, Sea Highway

## **Biographies**

Include author bio(s) of 200 words or less.

**Nyoman Sudapet.** He is currently a senior lecturer at Universitas Narotama. He graduated from Universitas Surabaya in Development study and then continue his Master in management. He secured number of funding from private companies. He has written several books in Indonesia with tourism theme.

**Agus Sukoco** is currently a senior lecturer at Universitas Narotama. He graduated from ITS and continue his master degree on Management economy. He is currently is the Director finance of the research centre of Universitas Narotama. He had number of secure funding from Ministry of Higher education and also number of books published in Indonesia.

**Dr.Dani Harmanto** is currently the acting programme leader (course director) of BEng (Hons) Motorsport Engineering and senior lecturer in automotive Engineering at University of Derby. He had secured number of funding from UK and Local government for knowledge transfer partnership for developing a novel product. He obtained his mechanical engineering degree from ITN Malang, Indonesia. His MSc and PhD in Automotive Engineering from Coventry University, United Kingdom. He is also a Chartered Engineer (CEng). He is sitting in the committee of Education and Training at Institution of Engineering Designer (IED), United Kingdom as a member. He is also a member of the Automobile division at the Institution of Mechanical Engineering (IMEchE), United Kingdom. In addition to this, he is a Fellow Member of Higher Education (FHEA) in the UK. He is mainly teaching at undergraduate and master level (Thermofluids, CFD, FEA and Design). His main research interests include computational fluid dynamics, finite element analysis, and renewable energy. His current research concerns the reduction of the jet noise using Computational Fluid Dynamics with one of the world announce jet engine manufacturer. He is a member of reviewers for Proceeding of Institution Mechanical Engineering part A – Z and several other journal publications.