



International Conference

and call for paper ADRI JATIM - UNITOMO Surabaya



PROCEEDINGS of CONFERENCE

ACCELERATION OF SCIENTIFIC KNOWLEDGE DEVELOPMENT IN THE ERA OF ASEAN ECONOMIC COMMUNITY

Thursday, 10th November 2016
University of Dr. Soetomo | Surabaya - East Java | Indonesia

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1st ADRI-UNITOMO 2016 International Multidisciplinary Conference

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SCIENTIFIC KNOWLEDGE DEVELOPMENT IN THE ERA OF ASEAN ECONOMIC COMMUNITY

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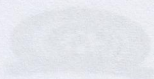
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PROCEEDINGS 1st ADRI-UNITOMO 2016

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PREFACE

This book reports the proceedings of the 1st ADRI-UNITOMO 2016 International Multidisciplinary Conference held at University Dr. Soetomo from November 9 to November 10, 2016. The purpose of this conference was to explore scientific knowledge development in the era of ASEAN Economic Community that integrates the immediate and long-term, local and global needs, and regards social, economic and environmental needs. The participants included lectures, researchers, economists, development planners, and national and international administrators.

Papers and discussion focused on the challenges of scientific knowledge development in business, management, education, engineering and the most feasible means of addressing the challenges. The participants included from the United States, the United Kingdom, Australia, Thailand, Malaysia, and Indonesia. An attempt was made to represent as many as possible of the groups and institutions working in areas related to the conference theme. All papers will be published in online Conference Proceeding with ISBN. Selected manuscripts will be published in International Journal indexed by Scopus, by firstly contact the authors

The Editors also wish to thank all the organizing committee for their valuable assistance.

Surabaya, 8 November 2016

Chairman of THE 1st ADRI-UNITOMO 2016 INTERNATIONAL
CONFERENCE

FOLLOW AS MUCH MOU 64 HIGHER ON 10th NOVEMBER 2016





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RISK COMMUNICATION STRATEGY IN INCREASING DISASTER PREPAREDNESS IN THE DISTRICT OF PANGANDARAN (Study on Public Education In Shaping Disaster Resilient Communities In the District of Pangandaran)

Yunus Winoto, Mohamad Hadian Dwi P, Agung Budiono, Ute Lies Khadijah

ERGONOMIC EVALUATION FACTOR IN FACILITIES AND FURNITURE CRAFTSMEN ENVIRONMENT AT BOJONG VILLAGE

Ade Supriatna

Rr. Hermien Tridayanti, Bayu Airlangga

LONG APUNG LAND SIDE FACILITIES DESIGN AND DEVELOPMENT

RESCUE MODEL OF COASTAL SETBACKS FROM SAND EXPLOITATION

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Coastal setback is the land along the shore edge with proportional width to the wave and physical condition of the shore minimally one hundred (100) meters from the highest tide landward. This case study investigated the sand exploitation along the coastal setbacks from Merauke District to Naukenjerai District to supply more than 90% of the material need for the constructions of infrastructure, housing, buildings, offices in Merauke Regency. Sand exploitation activities occurred more than 20 years have damaged infrastructure along the coast and coastal ecosystems, especially mangrove habitats which have functions one of which is as a natural shield from the onslaught of the sea waves where the population in Merauke District reaching 95,410 people (44.78%) of the total population of Merauke Regency is concentrated in the coastal regions. This condition is very dangerous to health, security and safety of the residents in the regions with the hazards caused by environmental damages due to illegal sand excavation. This study mainly aimed to develop a rescue model of coastal setbacks from illegal sand exploitation. The research used methodologies, among others: (a) selection of location which included Merauke District and Naukenjerai District by purposive sampling approach, (b) data collection techniques using Focus Group Discussion (FGD) approach and in-depth interviews, (c) data analysis technique by Analysis Hierarchy Process (AHP). This study concluded that: (a) Supervision unit of coastal setbacks is the major priority of the local indigenous ethnic groups, (b) The set of law needed as the priority is Village Regulation, (c) Solution for sand need fulfillment is prioritized to be relocated to Okaba District and Malid District.

Keywords: Sand Exploitation, Rescue Model, Coastal Setbacks

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TEST THE EFFECTIVENESS OF WASTE DISCONNECT ABON BASED RAW FISH BANDENG THORNS AND SPINACH LEAVES WITH ADDITION OF COMMUNITY VILLAGE PANELISTS SEMOLO SURABAYA

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ABSTRACT

The milkfish (*Chanos Chanos*) favored as a food because it tastes savory, meat flavor neutral (not as salty as sea trout) and are not easily destroyed when cooked. Weakness milkfish fish there are two: the flesh 'spiked' and smelled fishy where not everyone likes going to smell fishy. (Damanhuri, 1999). From the pull items, which is usually done by fishing and eating houses Ikan Bakar and Semetan Bandeng in various places in Surabaya and Sidoarjo has created a new type of waste. Therefore, researchers from Teknopangan, has been engineered food by utilizing waste unplug the fishbone as Abon Duri milkfish milkfish. Regarding to the theory test Appearance (Sigit, 2000), using somewhat trained panelists number of 25 people, and therefore the researchers used a panel of 25 people among heterogeneous Semolowaru Village community. Appearance Test Values and ditransormasikan into numerical values and using the Test Efektifitas (Tri Susanto, 2000), will get the product in demand / high consumer acceptance. Where the theory test this model Effectiveness model of moderate effectiveness test creation Prof.Dr.Ir. Tri Susanto.M.App.Sc 2000. Effectiveness Test generated TOTAL VALUE RESULT, the total value of the highest yields on products A, which means that the product A has the highest panelists received power, which means that the product is eligible to be a product that can Semolowaru accepted by consumers.

Keywords: milkfish, Unplug Duri, Shredded Unplug Duri, Test Effectiveness

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