LEMBAR

HASIL PENILAIAN SEJAWAT SEBIDANG ATAU *PEER REVIEW*

KARYA ILMIAH : PROSIDING ILMIAH TERINDEKS SCOPUS

Judul Karya Ilmiah/Artikel	:	Analysis Of Heavy Metal Content In Anandara Granosa (Linnaeus, 1758): A Case Study Of 10 Markets In Semarang, Central Java, Indonesia		
Jumlah Penulis	:	5(lima)		
Status Pengusul		Penulis pertama/ ~~penulis ke 2~~/ ~~penulis korespodensi**~~		
Penulis Karya Ilmiah	:	Suprapti N. H., Bambang A. N., **Swastawati F.**, Baarri A. N. Al., Pramono A.		
Identitas Karya Ilmiah	a.	Nama jurnal	:	Jurnal Teknologi
	b.	No. ISSN	:	2180-3722(E-ISSN)
	c.	Vol, No, Bln, Thn	:	Vol 78, No 4-2, 2016
	d.	Penerbit	:	Universiti Teknologi Malaysia (UTM)
	e.	DOI Artikel (Jika ada)	:	10.11113/jt.v78.8153
		URL	:	https://jurnalteknologi.utm.my/index.php/jurnalteknologi/article/view/8198/4939
	f.	Alamat Web Jurnal	:	https://jurnalteknologi.utm.my/index.php/jurnalt
	g.	Terindeks di	:	SCOPUS, Q3 SJR: 0.158

Kategori Publikasi Jurnal Ilmiah : (beri ✓ pada kategori yang tepat)

- [✓] ~~Prosiding Internasional~~ / Internasional bereputasi
- [ ] Prosiding Nasional

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Komponen Yang Dinilai	Nilai Maksimal Prosiding			Nilai Yang Diperoleh
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a. Kelengkapan unsur isi artikel (10%)	3			7% x 30 = 2,1
b. Ruang lingkup dan kedalaman pembahasan (30%)	9			27% x 30 = 8,1
c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	9			25% x 30 = 7,5
d. Kelengkapan unsur dan kualitas penerbit (30%)	9			28% x 30 = 8,4
Total = (100%)				total = 26,1
Nilai Pengusul :				Penulis ketiga = (0,4 x 26,1)/4 = 2,61

Catatan Penilaian Paper oleh Reviewer:

- Isi artikel tergolong dengan unsur yg lengkap sesuai dg sistematika isi, judul. Indikasi adanya plagiasi → relatif kecil (similarity index = 6 %).
- Kedalaman pembahasan tergolong dg cukup baik, ruang lingkup penelitian → diluar bidang ilmu penulis ketiga
- Kemutakhiran data/informasi → sudah sangat lama (kegiatan penelitian sdh lama) & metodologi → belum ada kebaharuan
- Kualitas penerbit → tergolong dg baik dg unsur² yg lengkap

Semarang, 18 Februari 2020

Reviewer 1

Prof. Dr. Ir. Aristi Dian Purnama Fitri, S.Pi., M.Si.

NIP. 197310021998032001

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Penulis Karya Ilmiah	:	Suprapti N. H., Bambang A. N., **Swastawati F.**, Baarri A. N. Al., Pramon A.	
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	b.	No. ISSN	: 2180-3722 (E-ISSN)
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		URL	: https://jurnalteknologi.utm.my/index.php/jurnalteknologi/article/view/8198/4939
	f.	Alamat Web Jurnal	: https://jurnalteknologi.utm.my/index.php/jurnalt
	g.	Terindeks di	: SCOPUS, Q3 SJR: 0.158
Kategori Publikasi Jurnal Ilmiah : (beri ✓ pada kategori yang tepat)		☑ ~~Prosiding Internasional~~ / Internasional bereputasi	
		☐ Prosiding Nasional	

Hasil Penilaian *Peer Review*:

Komponen Yang Dinilai	Nilai Maksimal Jurnal Ilmiah			Nilai Yang Diperoleh
	Internasional terindeks Scopus [30]	Nasional Terakreditasi [25]	Nasional Tidak Terakreditasi [10]	
a. Kelengkapan unsur isi artikel (10%)	3			2,7
b. Ruang lingkup dan kedalaman pembahasan (30%)	9			8,1
c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	9			5,1
d. Kelengkapan unsur dan kualitas penerbit (30%)	9			8,2
Total = (100%)				24,1
Nilai Pengusul :	0,4 x 24,1 = 9,64 / 4 = 2,41 =			

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Σ Referensi : 34.

b. $\frac{19}{34} \times 100\% = 55,9\% \rightarrow \frac{27}{30} \times 9 = 8,1$

c $\frac{13}{34} \times 100\% = 38,2\% \rightarrow \frac{17}{30} \times 9 = 5,1$

Semarang, ~~.....~~ Februari 2020
Reviewer 2

Prof. Ir. Tri Winarni Agustini, M.Sc., Ph.D
NIP. 19650821 199001 2 001

ISAPPROSH

The 2nd International Symposium On Aquatic Products Processing And Health

CERTIFICATE

Is hereby presented to

Fronthea Swastawati

AS **Presenter** AT

THE 2nd INTERNATIONAL SYMPOSIUM
ON AQUATIC PRODUCTS PROCESSING AND HEALTH (ISAPPROSH)

Diponegoro University, Semarang, Indonesia. September 13-15, 2015

Director Generale
of Marine and Fisheries Products
Competitiveness Enhancement

Ir. R. Nilanto Perbowo, M.Sc

Head of Indonesian
Fisheries Product Processing
Society

Prof. Dr. Hari Eko Irianto, M.Sc

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THE 2nd INTERNATIONAL SYMPOSIUM ON AQUATIC PRODUCTS PROCESSING AND HEALTH

"Sustaining Fish Processing Industry to Support Global Maritime Axis"

Semarang, 13-15th September 2015

Directorate General of Fisheries Product Processing and Marketing, Ministry of Marine Affairs and Fisheries and Department of Fish Products Technology, Faculty of Fisheries and Marine Science, Diponegoro University in collaboration with Indonesian Fisheries Products Processing Society will organize The 2nd International Symposium on Aquatic Products Processing and Health and Exhibition (ISAPPROSH 2) on 13-15 September 2015 at Diponegoro University, Semarang, Central Java, Indonesia. The symposium bring together national and international participant from : 1). Scientists, 2). Policy Makers, 3). Practitioners, 4). Private Sectors, 5). Students.

Topics

1. Development of fishery product handling, processing, and preservation
2. Technological innovation and post-harvest equipment
3. Quality management and product safety
4. Biotechnology aquatic in nutraceutical and functional foods
5. Marketing and management on aquatic processing industry
6. Aquatic enzyme and bacteria for fishery products and health
7. Sustainable environmental management
8. Sanitation and public health

KEYNOTE SPEAKER

1. **H.E. Joko Widodo** (President of the Republic of Indonesia)
2. **H.E. Madam Susi Pudjiastuti** (Minister of Marine Affairs and Fisheries)
3. **H.E. Mohammad Nasir** (Minister of Research, Technology and Higher Education)

INVITED SPEAKER

1. **Director of Directorate General of Processing and Marketing of Fisheries Product** (Ministry of Marine Affairs and Fisheries)
2. **Prof. Kazuo Miyashita** (Hokkaido University - Japan / President of Japan Oil Chemist Society (JOCS))
3. **Prof. Mohammad Shafiur Rohman** (Sultan Qaboos University - Sultanate of Oman)
4. **Prof. Soottawat Benjakul** (Prince of Songkla University - Thailand)
5. **Prof. Toru Suzuki** (Tokyo University of Marine Science and Technology - Japan)
6. **Prof. Irwandi Jaswir** (International Islamic University of Malaysia (IIUM)- Malaysia / Director of International Institute for Halal Research and Training (INHART)
7. **Prof. Dr. Ocky Karna Radjasa, MSc** (Head of Diponegoro University's Research and Public Service Institute - Diponegoro University - Indonesia)
8. **Dr. Ir. Widodo Farid Ma'ruf, MSc** (President of Seaweeds Commision of Indonesia / Diponegoro University - Indonesia)
9. **Prof. Daniel Khan** (Grimsby University - United Kingdom)
10. **Dr. Klervi Le Lann** (Lab. LEMAR - IUEM, Universite de Bretagne Occidentale, Brest France)
11. **Mohammad Novi Saputro** (Kelola Mina Laut Foods)

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PUBLICATION

All accepted paper will be published in Knowledge E Digital Libraries-Proceeding and selected paper at Aquatic Procedia-Elsevier.

IMPORTANT DATE AND REGISTRATION

Stage	Deadline
First circular (online)	1 March to 1 June 2015
Second circular	1 June to 1 August 2015
Extended abstract submission	1 March to 1 August 2015
Notification of Acceptance	15 August 2015
Full paper (camera ready) submission*)	31 August 2015
Registration Fee Payment	20 August to 7 September 2015
Symposium	13-15 September 2015

REGISTRATION FEE

Categories	Early Bird (before 1 June 2015)	Normal (after 1 June 2015)
Indonesia	IDR	IDR
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Non-presenting delegate	300.000	500.000
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Science and Engineering

THE INNOVATION OF VULNERABLE FISHERIES USING ECOSYSTEM-BASED FISHERY MANAGEMENT APPROACH: A TEST CASE IN KARIMUNJAWA ECOSYSTEM, CENTRAL JAVA, INDONESIA

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ENVIRONMENTAL VARIABILITY ASSOCIATED WITH EASTERN LITTLE TUNA [Eutynnus affinis (Cantor, 1849)] CATCHES: A CASE FOR THE NORTH INDRAMAYU WATERS, JAVA SEA

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RELATIONSHIP ANTIOXIDANT CONCENTRATION AND VOLUME HEADSPACE ON THE RANCIDITY OF FISH OIL DURING STORAGE

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Norma Afiati

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CARBON DIOXIDE CAPTURE EFFICIENCY USING ALGAE BIOLOGICAL ABSORBENT AND SOLID ADSORBENT FOR BIOGAS PURIFICATION

Praptiningsih Gamawati Adinurani, Roy Hendroko Setyobudi, Satriyo Krido Wahono, Maizirwan Mel, Anggi Nindita, Endang Purbajanti, Soni Sisbudi Harsono, Andoniana Rakoto Malala, Salafudin Salafudin, Andi Sasmito

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FREE RADICAL SCAVENGING ACTIVITY OF SELECTED SEA CUCUMBER SPECIES FROM MATARAM-LOMBOK, INDONESIA

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APPLICATION OF Spirulina platensis ON ICE CREAM AND SOFT CHEESE WITH RESPECT TO THEIR NUTRITIONAL AND SENSORY PERSPECTIVES

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DOI: https://doi.org/10.11113/jt.v78.8216

Keywords: Ice cream, physical properties, sensory, soft cheese, Spirulina platensis (Gomont) Geitler

Abstract

Application of Spirulina platensis (Gomont) Geitler into food product can be used for producing functional food and improve its nutritional value. However, some bioactive compounds containing in S. platensis are heat sensitive, therefore processing techniques need to be strictly considered. It is necessary to observe the application of S. platensis powder into different products of ice cream and soft cheese in which the application of S. platensis was in relatively low temperature to protect its bioactive compounds from damage. S. platensis contains approximately 55 % to 70% of protein and its utilization on food product can be expected to improve the nutritional value. Innovation technique to produce such kind of product should respect to its acceptance by panelist using sensory test. Therefore, the objective of this research was to find out maximum concentration of S. platensis that can be

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CARBON DIOXIDE CAPTURE EFFICIENCY USING ALGAE BIOLOGICAL ABSORBENT AND SOLID ADSORBENT FOR BIOGAS PURIFICATION

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Keywords: Biogas, biological purification, biomethane, solid adsorbent purification

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ENVIRONMENTAL ASSESSMENT OF POLYCULTURE FARMING PRACTICE BASED ON MACROBENTHIC ASSEMBLAGES: A STUDY CASE AT COASTAL AREA OF KALIWUNGU, KENDAL (CENTRAL JAVA, INDONESIA)

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Keywords: Environmental disturbance, macrobenthos, moderately disturbed area, polychaete, polyculture

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THE INNOVATION OF VULNERABLE FISHERIES USING ECOSYSTEM-BASED FISHERY MANAGEMENT APPROACH: A TEST CASE IN KARIMUNJAWA ECOSYSTEM, CENTRAL JAVA, INDONESIA

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DOI: https://doi.org/10.11113/jt.v78.8194

Keywords: Central Java, ecosystem, fisheries, management

Abstract

The sustainability of marine ecosystem has become a major concern the government; however, the implementation of sustainability-based fisheries management has not been fully carried out and well controlled. Therefore, having a concept of ecosystem-based fisheries management (EBFM) is essential in protecting it preserved. The aim of this study was to analyze the implementation of EBFM in Karimunjawa ecosystem, Central Java, Indonesia. The analysis of this study was based on the primary data collected from fishermen and stakeholders using in-depth interviews, and the secondary data gathered from stakeholders of Karimunjawa documentation. Meta-analysis with triangulation was invoked in this study. The result showed that the vulnerability of marine ecosystem, particularly fisheriesâ€™ resource in the pilot project is in progress. The conventional approach has not yet succeeded in managing fisheriesâ€™ resource in terms of sustainability attributes. Moreover, the EBFM has not yet proven to be a suitable approach for some reasons; although, this concept is very promising in encouraging a new paradigm for sustainable management in Indonesia with a protocol concept. This initial finding needs to be furthered in order to explore other aspects of development.A