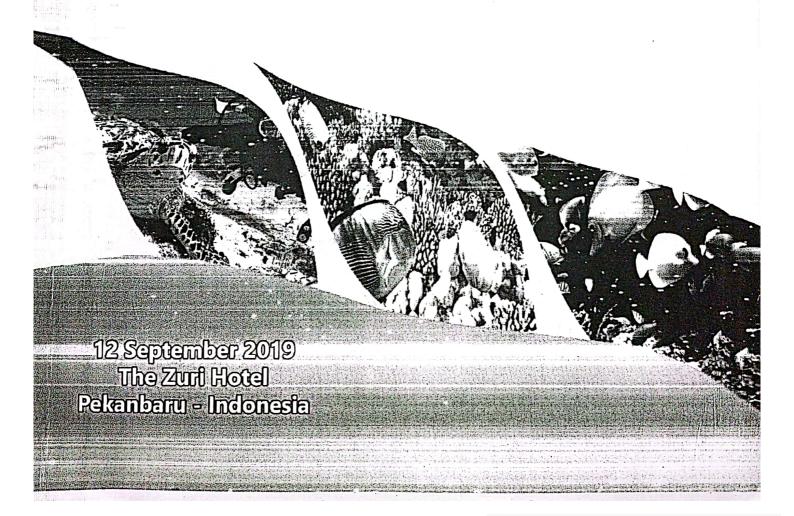


THE 8th INTERNATIONAL AND NATIONAL SEMINAR ON FISHERIES AND MARINE SCIENCE UNIVERSITAS RIAU

bstracts

"Inland and Marine Fisheries Exploration for Batter Future Welfare"



Terubuk Room's Schedule

Section I

Moderator: Dr. Ir. Joko Samiadji, M.Sc

September 12, 2019 Jam: 13.00-14.50 WIB

No	Presenter	Title	Time
	Kurniasih	Rapid Diagnostic Test of Red Sea Bream Indoviral Disease (RSIVD). Viral Neuro Necrosis (VNN) in Grouper Epinephelius sp. based on serological co-agglutination and molecular study.	13:00-13:10
2	F Feliatra	The Resistance of Bacteria of <i>Vibrio</i> sp. Isolated from The Dumai Sea Waters of Riau Province Against Antibiotics	13.10-13.20
3	H Syandri	Water Quality Index and Pollution Waste Load from Floating Net Cages at Lake Maninjau	13.20-13.30
4	I Suharman	Substituting Soybean Meal with Fermented Water Hyacinth Leaf Meal in Practical Diets for Juvenile Nile Tilapia, Oreochromis niloticus	13.30-13.40
5	Mulyadi	Optimalization of Water for Nursery and Rearing of Catfish (Mystus nemurus C.V)	13.40-13.50
6	N. Aryani	Utilizationof Vitamin E for Gonad Maturation Ofasian Catfish (Hemibagrus wyckii, Bagridae)	13.50-14.00
7	Sukendi	Cultivation Technology of Bronze Featherback (Notopierus notopierus, pallas 1769) with Stocking Density and Different Types of Feed	14.00-14.10
8	S. Nuswantoro	Effectiveness of Cold Shock (4°C) With Different Period for Tetraploid Formed in Mutiara Catfish (<i>Clarias sp.</i>) Juvenile	14.10-14.20
9	Windarti	Feeding Habit of Fish Living in the Floating Net Cage Area in the Koto Panjang Dam, Province	14.20-14.30
10	B Hasan	Potential Use of Salted Marine By catches and fis viscera meal mixture as a replacement for conventional fishmeal in the diet of indonesian river catfish (Hemibagrus nemurus)	14.30-14.40
11	SJuariab/	Inhibitory:Test of Sialang Honey (Apis dorsata) on Bacterial Grown Staphylococcus epidermidis	14.40-14.50

Substituting soybean meal with fermented water hyacinth leaf meal in practical diets for juvenile Nile Tilapia (Oreochromis niloticus)

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ABSTRACT

This study was conducted to determine the feasibility of using fermented water hyacinth leaf meal (FWHM) to replace soybean meal (SBM) in practical diets for juvenile Nile tilapia. Five isonitrogenous experimental diets (approximately 30% crude protein) were formulated to contain varying levels of FWHM. FWHM substituted SBM at 0% (control diet), 10%, 20%, 30%, and 40%. Juvenile Nile tilapia (average weight of 10.35 ± 0.04 g) were randomly distributed into 15 net cages installed in earthen pond at 25 fish/net cage in triplicate treatments and fed thrice a day at the rate of 10% body weight for 56 days. There was no significant difference in weight gain, spesific growth rate and feed efficiency of fish fed diets with varying level of FWHM as compared to the control diet. The study indicated that dietary FWHM could be included in the diet of juvenile Nile tilapia at 40% without a negative effect on the growth and feed utilization.

Keywords: -

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is awarded to

ra Suharman, S.P.

Presenter

IE 8th INTERNATIONAL AND NATIONAL SEN ON FISHERIES AND MARINE SCIENCE

The Zuri Hotel Pekanbaru-Indonesia, 12 Sepi

"Inlandand Marine Fisheries Exploration for Better

FACULTY OF FISHERIES AND MARINE SCIENCE VERSITAS RIAU

r. Bintal Amin, M.Sc DEAN

mad Fauzi, S.Pi, M.Si HAIRMAN