



PROCEEDING

3rd Asian Conference on Science, Technology & Medicine 2019



Phototactic Response and Morphometric Characteristic of Nile tilapia (*Oreochromis niloticus*)

Presenter

Dr. Ahmadi
Lambung Mangkurat University, Indonesia

Ahmadi

Lambung Mangkurat University, Banjarbaru, Indonesia



62.24410

Type

Oral Presentation

Track

Environmental Science

Location

Cordoba Hall

Abstract

This study contributes to the development of harvesting procedures for Nile tilapia under pond culture system. A total of 13 LED light traps (blue, green, yellow, orange, red, white and control) were used to examine phototactic response of Nile tilapia in the pond experiment. The traps were made of polyamide (PA) nylon monofilament (31.75 mm mesh size), fastened around two wire ring frames (490 mm) with a net height of 270 mm. A lamp was placed on the bottom of the trap. There were no significant differences in the CPUE (catch per unit effort) and YPUE (yield per unit effort) among light traps and control. The CPUEs for continuous, blinking light traps and the control ranged from 0.21 to 1.07, 0.14 to 0.79, and 0.57 fish trap⁻¹ night⁻¹, respectively. While the YPUEs for continuous, blinking light traps, and the control varied from 2.43 to 43.36, 1.00 to 27.21, and 10.50 g trap⁻¹ trial⁻¹ respectively. 105 individuals (2,376 g) consisting of 59 males (641 g) and 46 females (1,735 g) were analysed. The body size of catch ranged from 43-193 mm (97.14±34.61 mm) total length and 1-133 g (22.98±27.87 g) weight. Nile tilapia grew isometrically and fish are in good condition ($K = 1.79$). Positive group responses of fish were more pronounced in the middle size classes between 90 and 99 mm total length. Nile tilapia responded positively to all colors of light tested. In addition, efforts to sample Nile tilapia from the wild sources may benefit from this study.

Biography

Dr. Ahmadi is a faculty member of Marine and Fisheries in Lambung Mangkurat University. He is the secretary of Fisheries Science postgraduate program. He has completed his M.Sc. and Ph.D. from Kagoshima University, Japan in the field of fundamental fishing technology. Formerly he has worked for the Ministry of Marine Affairs and Fisheries, the Republic of Indonesia for 17 years. He actively writes academic papers and publishes them in reputed journals. He also serves as a member of Editorial Team for Journal of Wetlands Environmental Management under the University.



CONFERENCE PROGRAM

February 12, 2019



12:15 PM

12:15 PM - 12:30 PM

Phototactic Response and Morphometric Characteristic of Nile tilapia, *Oreochromis niloticus*

Environmental Science

Oral Presenter

Cordoba Hall



Dr. Ahmadi

Lambung Mangkurat University, Indonesia
62.24410

12:15 PM

12:15 PM - 12:30 PM

Biofilm Inhibitory Potential of Clarithromycin against *Salmonella typhimurium* by Targeting CsgD: A Major Biofilm Regulator

Pharmacology & Toxicology

Oral Presenter

Gadir Hall



Ms. Munirah Zafar

University Of Karachi, Pakistan
92.25779

12:30 PM

12:30 PM - 12:45 PM

Optimisation of Surface Roughness in EDM on Grade 6 Titanium Alloy with Distinct Tool

Environmental Science

Oral Presenter

Cordoba Hall



Dr. Md. Ashikur Rahman Khan

NSTU, Bangladesh
880.25541

12:30 PM

12:30 PM - 12:45 PM

Targeting of Nav1.5 Channel in Ovarian Cancer Models in Vitro as a Novel Therapy

Medical Sciences

Oral Presenter

Al Hamra Ball Room



Dr. Mumin Alper Erdogan

Izmir Katip Çelebi University, Turkey
90.25645



**KEMENTERIAN RISET, TEKNOLOGI DAN PENDIDIKAN TINGGI
UNIVERSITAS LAMBUNG MANGKURAT**

Jalan Brigjend. H. Hasan Basry Kotak Pos 219 Banjarmasin - 70123

Telp/Fax. (0511) 3304177 - (0511) 3305195

Laman : <http://www.ulm.ac.id>

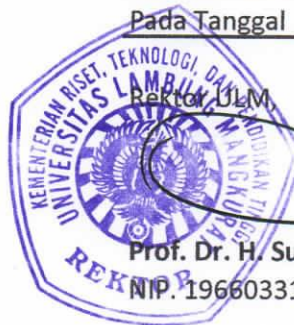
Lampiran :
Kode :
Nomor : 469.../UN8/TU/2019

SURAT TUGAS

1	Pejabat yang berwenang memberi tugas	Rektor ULM
2	Nama pegawai yang diberi tugas	Ahmadi, S.Pi, M.Sc, Ph.D
3	a. Pangkat dan Golongan b. Jabatan c. NIP	a. Penata Tk. I /IId b. Lektor / Dosen Fakultas Perikanan dan Kelautan c. 19710928 199803 1 002
4	Isi Tugas	Menjadi Narasumber pada acara The 3rd Asian Conference on Science, Technology and Medicine 2019
5	Alat Transport	Pesawat Udara
6	a. Tempat Berangkat b. Tujuan	a. Banjarmasin b. Dubai, Uni Emirat Arab
7	a. Lamanya b. Tanggal Berangkat c. Tanggal Kembali (bagi perjalanan jabatan) Tiba ditempat baru (bagi perjalanan pindah)	a. 4 (empat) hari b. 11 Februari 2019 c. 14 Februari.2019

Demikian Surat Tugas ini diberikan untuk dipergunakan sebagaimana mestinya dan harap diberikan bantuan seperlunya.

Dikeluarkan di : Banjarmasin
Pada Tanggal : 14 Januari 2019



Prof. Dr. H. Sutarto Hadi, M.Si., M.Sc
NIP. 19660331 199102 1 001

ECONOMY

AHMADI/AHMADI

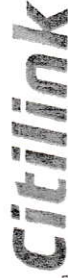
JAKARTA - CGK EK358 14FEB

Gate Boarding at Gate closes at Seat Seating zone

B11 1010 1035 38D D

Seq 124

1763478145284-1



Name: AHMADI / AHMADI

From To Gate Boarding time

BDJ CGK 4/5 10:20

Flight: QG 481

Seat: 2E

Schedule: 10 February 2019

Booking code: ZGTP9X

Location: Banjarmasin / 10:50

Location: Jakarta (Soekarno) / 11:30

Super green member ID

SSR

Sequence 0175



1. Menunjukkan nomor ruang tunggu dan berada 40 menit sebelum awal keberangkatan
 2. Menunjukkan identitas saat masuk ke pesawat
 3. Hanya diperbolehkan 1 tas max 7 kg didalam kabin
- PENERBANGAN BEBAS ROKOK - STOP NARKOBA

ECONOMY

AHMADI/AHMADI

DUBAI EK357 11FEB

Gate Boarding at Gate closes at Seat Seating Zone

6 1700 1725 26H F

BOARDING PASS

1763478145283-1

Boarding Pass

Flight no QG 480

Date 15FEB19

Boarding Time 06:50

Gate no C3

Seat no 12C

Seq 118



Name : AHMADI/AHMADI

Depart : CGK

Arrive : BDJ

PNR : RHHQH

Dalam rangka keamanan dan keberangkatan tepat waktu diminta untuk

1. Menunjukkan identitas saat masuk ke ruang tunggu
2. Memastikan nomor ruang tunggu dan berada 40 menit sebelum jadwal keberangkatan
3. Hanya diperbolehkan 1 tas max 7 kg didalam kabin



ACSTM
2019



Asian Conference on Science, Technology & Medicine
3rd Conference | 12-14 February, 2019 | Dubai, U.A.E

Certificate of Participation

This is to certify that

Dr. Ahmadi

Lambung Mangkurat University, Indonesia

has presented a paper titled

**Phototactic Response and Morphometric Characteristic of Nile tilapia
(Oreochromis niloticus)**

3rd Asian Conference on Science, Technology & Medicine

Held on 12-14 February, 2019 at Carlton Palace Hotel, Deira Dubai, UAE

A handwritten signature in black ink, appearing to read 'Muhammad Sarwar', is written over a horizontal line.

Muhammad Sarwar
Secretary, The ACSE

**THE 3rd ASIAN CONFERENCE ON SCIENCE,
TECHNOLOGY AND MEDICINE**



AHMADI

**The Ministry of Research, Technology and Higher Education
The Republic of Indonesia
Lambung Mangkurat University
2019**

CONFERENCE REPORT ON ACSTM 2019

A. Conference Name

The 3rd Asian Conference on Science, Technology and Medicine

B. Date and Venue

The conference was held at Carlton Palace Hotel, Deira Dubai, United Arab Emirates (UAE) on February 12-14, 2019, organized by Asian Council of Science Editors (ACSE).

C. Objective

The Conference aimed at providing global forum for academicians, researchers and scholars to exchange and share their experiences and multidisciplinary research results not only on the recent outstanding achievements in the field of Science, Technology and Medicine but also highlights the current trends and future needs.

D. Conference Chair, Keynote Speakers and Presenters

- *Conference Chair:*

Dr. Shakil Akhtar – Clayton State University, Georgia, USA

- *Keynote Speaker:*

Dr. Sam T Mathew – Glaxo Smith Kline Vaccines, India

- *Keynote Lecturers:*

1. Prof. Mehmet Ozaslan – University of Gaziantep, Turkey
2. Dr. Ravindra P.V. – CSIR-CFTRI, India

- *Session Keynote I*

1. Prof. Kaiser Jamil Bhagwan Mahavir Medical Research Centre, India
2. Prof. A. E Aboul-Ata – Plant Virus & Phyoplasma Res., ARC, Egypt

- *Session Keynote II*

1. Prof. Mona. M.E. Eleiwa – Ibn Sina National College for Medical Studies, KSA
2. Prof. Dr. Mehmet Ozaslan – Gaziantep University, Turkey

- *Session Keynote III*

1. Dr. Pushpa Murthy – CSIR-CFTRI, India
2. Prof. Zabta Khan Shinwari – National Council for Tibb, Pakistan
3. Dr. Ghulam Hussain – Ex-Water Expert, (NCWTDT), KSA
4. Prof. Dr. Sharad K Yadav – Microbiology & Immunology Veterinary University, India

- *Presenters*

The ACSTM 2019 was attended 60 speakers of Medical Sciences, 25 speakers of Environmental Sciences, 31 speakers of Pharmacology & Toxicology, 19 speakers of Social Sciences, 11 speakers of IT & Computer Sciences and more than 70 attendees including local and international audience. The research topics focused on latest innovation and key issues relating to their specific research fields.

The presenters came from more than 25 countries, including USA, Oman, Egypt, Dubai, India, Bangladesh, Pakistan, China, Algeria, Sudan, Morocco, Indonesia, Japan, Guyana, Kingdom of Saudi Arabia, Bosnia-Herzegovina, Malaysia, Nigeria, Turkey, Greece, Bulgaria, Iraq, Iran, Ghana, Mauritius, and Singapore.

The conference truly exhibit the speakers and attendees with the latest research and information on science, technology medicine and treatment advances, while providing a space for potential Industry partner formation through an array of networking opportunities.

E. Title of Presentation

Phototactic Response and Morphometric Characteristic of Nile tilapia, *Oreochromis niloticus*.

F. Conference Outputs

- Certificate of Presentation
- Certificate of Participation
- Research abstract in Conference Proceeding of ACSTM-2019 published by Asian Council of Science Editors (ACSE). All abstracts are indexed in Asian Digital Library and IndexONE Database.

G. Manuscript Submission (Alternative)

1. Croatian Journal of Fisheries (Scopus: Q3)
2. Polish Journal of Natural Sciences (Scopus: Q3)
3. Iranian Journal of Ichthyology (Scopus: Q3)

H. Funding Source

The conference registration fee, return air tickets, one-night hotel accommodation and Dubai visa fee were supported by Lambung Mangkurat University.

I. Closing and Acknowledgement

The conference ended up with the conference feedback forms followed by the certificate distribution ceremony for participants, speakers and facilitators, and lastly a group photo of all attendees.

Personally and on behalf of Faculty of Marine and Fisheries Lambung Mangkurat University, we would like to express our sincere gratitude for all generous supports particularly to Rector of Lambung Mangkurat University, Conference Organizing Committee, and ULM Financial Division Staff, as well as all the presenters and contributors. We are most grateful indeed for this wonderful opportunity and hopefully can participate in the future event.

**DOKUMENTASI KEGIATAN ACSTM 2019
CARLTON PALACE HOTEL DUBAI, 12-14 FEBRUARI 2019**



