

**"Our Brotherhood is Stronger Than Our Problem:" How Innovation and Local
Knowledge in Indonesian Small Scale Fishing Communities Provide Management
Structure Where None Exists**

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(M.E.P, University of Rhode Island)

A THESIS SUBMITTED

FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

LEE KUAN YEW SCHOOL OF PUBLIC POLICY

NATIONAL UNIVERSITY OF SINGAPORE

2019

DECLARATION

I hereby declare that the thesis is my original work and it has been written by me in its entirety. I have duly acknowledged all the sources of information which have been used in the thesis.

This thesis has also not been submitted for any degree in any university previously.

A handwritten signature in blue ink that reads "Michael Abbey". The signature is written in a cursive style with a long, sweeping flourish extending to the right. Below the signature is a horizontal dashed line.

Michael Abbey

2 November 2014

Rector
UNIVERSITAS DIPONEGORO (UNDIP)
Alamat JL. PROF. H. SOEDARTO, SH Kampus Tembalang
Semarang 50239 Jawa Tengah
Indonesia

Dear Rector

I write to you to request your support for one of my students, Michael Abbey. As head of his Thesis Committee, I am encouraged to see him move quickly into the research stage of his Ph.D. candidature. Michael is interested in how fishers create and vet knowledge and interact with their environment in an effort to address local sustainability issues. In his experience in working with the Indonesian blue swimming crab fishery since 2011 and with UNDIP, he looks to partner with your university to explain why certain fishing communities cope better with ecological uncertainty while others continue with the status quo.

Michael's intent is to spend time under the tutelage of **Dr. Abdul Ghofar, Faculty of Fisheries and Marine Science** in the beginning of 2015. **Dr. Ghofar** has expertise not only in fisheries and research but has strong connection with the Republic of Indonesian government, including as Director of National Commission for Fish Resources Assessment (Komnas Kajiskan). He also has worked on Indonesian fisheries issues with Michael over the past few years. I am sure that **Dr. Ghofar** will be able integrate Michael into the larger UNDIP community.

I hope that you are supportive of Michael partnering with the Fisheries faculty. Through his professional and academic institutions, he provides a unique perspective to this very important issue of community resilience and fisheries sustainability. I can only see a partnership with UNDIP as a positive, educational experience for Michael and hopefully, as well, for UNDIP.

I will be working with **Dr. Ghofar** to ensure that Michael is meeting all of your requirements as well as those of the Republic of Indonesia. Thank you for your support and that of UNDIP.

Best regards



Ora-orn Poocharoen

Cc: Dean, Fisheries and Marine Science



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Silver Spring, MD 20910

NOV 13 2014

Rector
UNIVERSITAS DIPONEGORO (UNDIP)
Alamat JL. PROF. H. SOEDARTO, SH Kampus Tembalang
Semarang 50239 Jawa Tengah
Indonesia

Dear Rector,

In late September, UNDIP and my agency, the National Oceanic & Atmospheric Administration (NOAA) Fisheries partnered with UNDIP and faculty from the Department of Fisheries and Marine Science, to deliver a workshop on fisheries management for Indonesia's blue swimming crab fishery. NOAA Fisheries is grateful for the leadership of **Dr. Abdul Ghofar** and support from the faculty at the Department of Fisheries and Marine Science that allowed us, as partners, to deliver a fisheries management plan template to communities in the Demak and Rembang Regency.

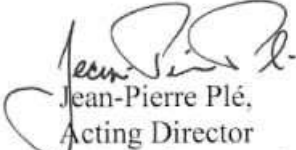
My office partners with international colleagues to jointly build management capacity in the world's fisheries. The blue swimming crab project is a long standing effort between NOAA and Indonesia. Michael Abbey, the lead in our office for Asia-Pacific Capacity Building, is responsible for this project. He was the driver of this partnership with UNDIP and our bilateral efforts with the Republic of Indonesia.

In his personal capacity and not part of his official duties, Michael is also a doctoral degree candidate at the National University of Singapore. As part of his work to understand how fisheries knowledge and innovation is localized in small-scale fishing dependent communities, he is looking to work with Dr. Ghofar and the Fisheries faculty at UNDIP to learn more about how these blue swimming crab communities work towards a sustainable fishery through the development of innovative practices and internalize external knowledge.

I hope you will support his request to come to UNDIP as a guest, to learn from the strong faculty and partner with other graduate students. I believe such collaboration would strengthen and deepen our already stronger partnership with UNDIP and Indonesia.

Thank you for considering this request.

Sincerely,



Jean-Pierre Plé,
Acting Director

Office of International Affairs

Cc: Dean, Fisheries and Marine Science