

# AIMIMULIANI BINTI ADAM



- KULLIYAH OF SCIENCE
- IIUM Kuantan Campus
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## ACADEMIC QUALIFICATION

- Ph.D in Biology
- Marine Science

## TEACHING RESPONSIBILITIES

BASIC NAVIGATION AND SEAMANSHIP	2016/2017 2017/2018 2018/2019 2019/2020 2020/2021
CLIMATE CHANGE ADAPTATION	2016/2017 2017/2018 2018/2019 2020/2021
COASTAL AND ESTUARIES MANAGEMENT	2016/2017 2017/2018 2018/2019 2019/2020 2020/2021
FINAL YEAR PROJECT (2)	2020/2021
ISLAND ECOSYSTEM AND MANAGEMENT	2018/2019 2019/2020 2020/2021
Island Ecosystem and Management	2017/2018
MARINE BIODIVERSITY AND CONSERVATION	2017/2018 2018/2019 2020/2021
MARINE ECOTOURISM	2018/2019 2019/2020 2020/2021
Marine Ecotourism	2017/2018

## RESEARCH PROJECTS

### In Progress

**2018 - Present** Allelopathic effect of a fish killer, *Cochlodinium polykrikoides* on the growth and toxin production of *Pyrodinium bahamense* under different growth conditions

**Unknown - Present** Stock assessment on Billfish in Pahang coastal waters; Conservation perspective

### Completed

**2016 - 2018** The identification and the effect of nutrients on the occurrence of harmful algal bloom (HAB) species in the East Coast of Peninsular Malaysia

## PUBLICATIONS

### Article

- 2020** [Mitigation of \*Alexandrium tamiyavanichii\* using active fractions from ethanol extract of ornamental plant, \*Sansevieria trifasciata\*](#). Science Heritage Journal (GWS) , 4 (1) pp.19-23
- 2019** [Effects of medium and substrate preferences soil extract on growth of \*Coolia\* \(dinophyceae\)](#). Journal of Sustainability Science and Management , 14 (2) pp.71-81
- 2019** [Distribution of phytoplankton in Kuantan Port, Malaysia during northeast monsoon season = Taburan fitoplankton di Pelabuhan Kuantan, Malaysia semasa musim monsun timur laut](#). Malaysian Journal of Analytical Sciences , 23 (6) pp.1107-1119
- 2019** [Substrate preferences and effects of medium with soil extract on growth of genus \*Coolia\* \(Dinophyceae\)](#). Journal of Sustainability Science and Management , 14 (2) pp.71-81
- 2018** [First report of paralytic shellfish poisoning \(PSP\) caused by \*Alexandrium tamiyavanichii\* in Kuantan Port, Pahang, East Coast of Malaysia](#). Phycological Research , 66 (1) pp.1-8
- 2017** [Spatio-temporal variation in phytoplankton communities along a salinity and pH gradient in a tropical estuary \(Brunei, Borneo, South East Asia\)](#). Tropical Ecology , 58 (2) pp.251-269

### Conference or Workshop Item

- 2019** [Harmful algal blooms: a Malaysian scenario](#). In: **International Conference on Marine and Coastal Engineering and Sciences 2019**
- 2018** [Distribution of phytoplankton in Kuantan port during northeast monsoon season](#). In: **Tropical Oceans and Marine Science Symposium (TOMSY 2018)**
- 2016** [Vertical and horizontal distribution of sand-dwelling dinoflagellates from Dinawan Island, Sabah, Malaysia](#). In: **2nd International Conference on Oceanography and Sustainable Marine Production (ICOSMaP 2016)**

### Book

- 2018** [Coastal ecology of Pahang water \(South China Sea\)](#). IIUM Press . ISBN 978-967-418-704-0

### Book Section