



ONG MENG CHUAN, Ph.D

Associate Professor

Program Coordinator

Marine Science Program

Faculty of Science and Marine Environment

Associate Fellow

Institute of Oceanography and Environment


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CONTACT

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PUBLICATION

 79 Articles
(32 Main / Corresponding Author)

 2 Chapters in Book


 26 Conferences

STUDENT SUPERVISION

 1 PhD Graduated


 8 MSc Graduated

 65 BSc Graduated

 4 PhD & 2 MSc on-going

CITATION H-index

 594 13

 707 14


 333 11

 50 4

SPECIALIZATION FIELD

Marine Pollution (Metals Pollution)

RESEARCH INTEREST

 Metals analysis in sediment and biota

 Sedimentology analysis

 Sedimentation Rate analysis

 Human health risk assessment

EDUCATION

2012 ● Doctor of Philosophy (Marine Pollution)
2009 ● Université de Bretagne-Sud, France

2006 ● Master of Science (Marine Geochemistry)
2003 ● KUSTEM, Malaysia

2003 ● Bachelor of Science (Marine Science)
2000 ● KUSTEM, Malaysia

ABOUT ME

Motivating and talented lecturer driven to inspire graduate and postgraduate students to pursue academic and personal excellence. Consistently strive to create a challenging and engaging learning environment in which students become life-long scholars and learners. Exceptional track record of research success with multiple published articles internationally and locally.

PROFILE

Dr. Ong Meng Chuan is an Associate Professor at the Faculty of Science and Marine Environment, Universiti Malaysia Terengganu. He holds a doctoral degree in Marine Pollution specifically in metals pollution from the University of South Brittany, France. His research focuses on the metal content in sediment samples which can act as geo-marker for pollution studies. Apart from the sediment samples, his research also included biota samples of fishes, crustaceans, bivalves, molluscs and plants such as seaweed and seagrass. From these biota samples, the suitability of using these organisms as bioindicator can be identified which best reflect the environmental quality. Hence, risk assessment towards human health by consuming these organisms can be estimated. He is currently actively gathering all the Malaysian marine aquatic environment data to be stored in the GIS database. With this database, these data can easily refer by other researchers for their studies.

PROFESSIONAL BODIES

⚓ Institute of Chemistry, Malaysia (IKM). Membership No.: M/5346/8745/20

ACADEMIC SOCIETY

- ⚓ Malaysian Analytical Science Society (ANALIS)
- ⚓ Asia Oceania Geosciences Society (AOGS)
- ⚓ European Geosciences Union (EGU)
- ⚓ Society of Environmental Toxicology and Chemistry (SETAC)

PROFESSIONAL QUALIFICATION

⚓ NAUI Rescue SCUBA Diver. Certification No.: ONG80180SRD07

LINK

- SCOPUS : <https://www.scopus.com/authid/detail.uri?authorId=16231417700>
- Web of Science : H8919-2018
<https://publons.com/researcher/1491800/ong-meng-chuan/>
- ResearchGate : https://www.researchgate.net/profile/Ong_Chuan3
- Academia.edu : <https://terengganu.academia.edu/OngMengChuan>
- LinkedIn : <https://www.linkedin.com/in/meng-chuan-ong-ba5812147/>
- LiveDNA : <http://livedna.org/60.15865>
- ORCID : <http://orcid.org/0000-0003-0095-6849>
- Google Scholar : <https://scholar.google.com/citations?user=ObZTfywAAAAJ&hl=en>
- Ocean Expert : <https://oceanexpert.org/expert/ongmengchuan>
- SciHorizon : <https://www.scihorizon.com/RID-20212149>
- Facebook : UMT Metallic Elements Research Group
- Webpage : <http://fssm.umt.edu.my/ongmengchuan/>
- OPEC : <https://opec.umt.edu.my/>

TEACHING & LEARNING

SUBJECT TAUGHT

- ⚓ Aquatic Pollution (MMS3202), (Undergraduate)
- ⚓ Environmental and Development (MMS3002), (Undergraduate)
- ⚓ Environment: Issue and Global Perspectives (MMS3003), (Undergraduate)
- ⚓ Environmental Science (MMS3000), (Undergraduate)
- ⚓ Marine Science Field Work (MMS3010), (Undergraduate)
- ⚓ Industrial Training (MMS4992A), (Undergraduate)
- ⚓ Aquatic Instrumentation and Methodology (MMS3201), (Undergraduate)
- ⚓ Marine Pollution (MMS3203), (Undergraduate)
- ⚓ Environmental Pollution (MMS3204), (Undergraduate)
- ⚓ Tropical Oceanography (OCN5004), (Erasmus TROPIMUNDO Master Coursework)
- ⚓ Oceanography Data Analysis (STS5004), (Master Coursework)

POSTGRADUATE SUPERVISION

Doctor of Philosophy

Completed

1. Student Name : NORAIFAA BINTI ABDULLAH SANI
Role : Co-supervisor
Year : 2019
Thesis Title : Studies on Selected Metals (Pb, Cd, Fe, Se, Ni, As, Zn and Hg) Accumulation in Tropical Eels *Anguilla* sp. (*Anguilla bicolor bicolor* and *Anguilla bengalensis bengalensis*) of Malaysia.

On-going

1. Student Name : JOSEPH ANAK BIDAI
Role : Main Supervisor
Thesis Title : Geochemistry of Elements in the Sediment Core of Brunei Bay, Borneo
2. Student Name : NORHAZIRAH BINTI ABDUL AZIZ
Role : Main Supervisor
Thesis Title : Heavy metals in *Thunnus tonggol* form Terengganu Water.
3. Student Name : NUR FAZNE BINTI IBRAHIM
Role : Co-supervisor
Thesis Title : Effects of coastal hydrodynamic activity on polychaetes communities in Terengganu river estuary, Malaysia.

4. Student Name : AMELIA TAN SUET MAY
Role : Co-supervisor
Thesis Title : Isolation, Characterisation and Heterologous Expression of Novel Pha Synthase Genes from Bacterial Metagenome in Selected Marine Sponges for Bioplastic Synthesis.

5. Student Name : YAKUBU IBRAHIM
Role : Main Supervisor
Thesis Title : Pharmaceuticals and personal care products (PPCPs) in commercial fishes along coastal waters of Terengganu, Malaysia

Master of Science

Completed

1. Student Name : NORHAZIRAH BINTI ABD AZIZ
Role : Main Supervisor
Year : 2016
Thesis Title : Selected Heavy Metals Content in Commercial Fish from Pulau Kambing, Kuala Terengganu, Malaysia

2. Student Name : FOK FEI MEI
Role : Main Supervisor
Year : 2017
Thesis Title : Heavy Metals Pollution in Sediments of Penang Rivers (Pinang, Perai, Juru, Jejawi and Kerian Rivers)

3. Student Name : MUHAMMAD IZZAT BIN KAMARUZAMAN
Role : Main Supervisor
Year : 2018
Thesis Title : Accumulation of Metallic Elements in Commercial Fish Species of Setiu Coastal Waters, Terengganu as Pollution Bioindicator

4. Student Name : WAN MOHD IKHRAM BIN WAN JAMIL
Role : Main Supervisor
Year : 2018
Thesis Title : Determination of Heavy Metals Concentration, Sedimentation Rate and Total Organic Carbon in the Sediment of Muar River, Johor, Malaysia

5. Student Name : GAN SHI LING
Role : Main Supervisor
Year : 2018
Thesis Title : Heavy Metals Concentrations in the Landed Sharks Along East Coast, Peninsular Malaysia

6. Student Name : TENGKU NUR ALIA BINTI TENGKU KAMAROL
AZNAM
Role : Main Supervisor
Year : 2019
Thesis Title : Accumulation of Toxic and Essential Metallic Elements in Cage Seabass from Setiu Wetlands
7. Student Name : NUR MARNI BINTI ZAINI
Role : Main Supervisor
Year : 2020
Thesis Title : Seasonal Variation of Metallic Elements Concentration in Bottom Sediments of Sungai Merang, Terengganu, Malaysia
8. Student Name : NUR AMIRA HIDAYAH BINTI MADZLAN
Role : Main Supervisor
Year : 2020
Thesis Title : Analysis of Metallic Elements in Sungai Setiu Sediment for Assessment of Recent Increase in Anthropogenic Activities

On-going

1. Student Name : CHAN SHUE FEN
Role : Main Supervisor
Thesis Title : Temporal and Spatial Distribution of Metallic Elements in Surficial Sediment from Sungai Terengganu
2. Student Name : LAVANNIA A/P RAVIKUMAR
Role : Main Supervisor
Thesis Title : Environmental Risk Assessment of Heavy Metals in Sediments of Straits of Malacca

UNDERGRADUATE SUPERVISION

1. Student Name : FOO YI ZHI
Program : BSc (Marine Science)
Semester : 2013/14
Thesis Title : The Geochemistry of the Surface Sediment in the Perai River, Penang, Malaysia
2. Student Name : KHOO XIN YI
Program : BSc (Marine Science)
Semester : 2013/14
Thesis Title : Selected Heavy Metals Content and Polycyclic Aromatic Hydrocarbon (PAHs) in Commercial Fishes Caught from UMT

3. Student Name : TAN YIH FEI
Program : BSc (Marine Science)
Semester : 2013/14
Thesis Title : Heavy metals and Polycyclic Aromatic Hydrocarbons (PAHs) concentration in Mud Crab (*Scylla serrata*) collected from mangrove area of UMT
4. Student Name : LIEW HUEY YNG
Program : BSc (Marine Science)
Semester : 2013/14
Thesis Title : Distribution of Heavy Metals Concentration in Surficial Sediments of Mengabang Telipot River
5. Student Name : FOK FEI MEI
Program : BSc (Marine Science)
Semester : 2013/14
Thesis Title : Determination of Heavy Metals and Rare Earth Elements (REEs) in Surficial Sediment at Pinang River, Penang, Malaysia
6. Student Name : NOR ASYURAH BINTI KAFI
Program : BSc (Marine Biology)
Semester : 2013/14
Thesis Title : Determination of Selected Metals in Fish Species in Universiti Malaysia Terengganu (UMT) Creeks
7. Student Name : MUHAMMAD IZZAT BIN KAMARUZAMAN
Program : BSc (Marine Biology)
Semester : 2013/14
Thesis Title : Trace Metal Contamination Using *Polymesoda expansa* (Bivalve) as Bioindicator in Kelantan River, Malaysia
8. Student Name : MOHD. YUSRI BIN NAJMUDIN
Program : BSc (Marine Science)
Semester : 2013/14
Thesis Title : Heavy Metal Concentration in Sediment Profile of the UMT Mangrove Area
9. Student Name : MUHAMMAD FARHAN BIN MAT AKHIR
Program : BSc (Marine Biology)
Semester : 2013/14
Thesis Title : Heavy Metals Contamination in Commercially Available Fish Species in Kerteh River, Terengganu

10. Student Name : SHAHIDATINA AISHAH BINTI ABDUL MUTALIB
Program : BSc (Marine Biology)
Semester : 2013/14
Thesis Title : Heavy Metals Analyses on Green Turtle (*Chelonia mydas*) Eggs in Terengganu Malaysia
11. Student Name : YAP LI CHIH
Program : BSc (Marine Science)
Semester : 2014/15
Thesis Title : The Distribution of Silica and Phosphorus Compounds of Surface Water in Setiu Estuary, Terengganu, Malaysia
12. Student Name : NABILAH BINTI MOHD. DAUD
Program : BSc (Marine Science)
Semester : 2014/15
Thesis Title : Water Quality Index (WQI) Assessment of Surface Water at Mengabang Telipot Enclosed Lagoon
13. Student Name : GAN SHI LING
Program : BSc (Marine Science)
Semester : 2014/15
Thesis Title : Occurrence of Selected Heavy Metals in Four Landed Elasmobranchs from Kuala Terengganu Waters
14. Student Name : CHAI WAN YIN
Program : BSc (Marine Science)
Semester : 2014/15
Thesis Title : The Concentration of Heavy Metals in Green-Lipped Mussel (*Perna viridis*) from Muar Estuary, Johor
15. Student Name : NOR ADHAFATIHAH BINTI ZAINAL ABIDIN
Program : BSc (Marine Science)
Semester : 2014/15
Thesis Title : Trace Metal Contamination Using Bivalve as Bio-Indicator in Muar River Estuary, Johor
16. Student Name : MARGARET A/P WILLIAM THOMES
Program : BSc (Marine Science)
Semester : 2014/15
Thesis Title : Distribution of Heavy Metals Concentration in Surficial Sediments of Muar River, Johor, Malaysia

17. Student Name : KHAIRUN WAHEEDA BINTI AHMAD ISMAIL
Program : BSc (Marine Biology)
Semester : 2014/15
Thesis Title : Heavy Metal Concentration in Oyster in Setiu, Terengganu

18. Student Name : YAP CHOON KIT
Program : BAppSc (Biodiversity Conservation & Management)
Semester : 2014/15
Thesis Title : Concentration of Heavy Metals in Commercial Fishes and *Varanus salvator* at Universiti Malaysia Terengganu

19. Student Name : NURUL AMIRA BINTI SHAFIE
Program : BSc (Marine Biology)
Semester : 2014/15
Thesis Title : Heavy Metal Concentration of Selected seaweeds and Seagrasses from Tanjung Pelepas Port, Johor

- 21 Student Name : KASTHURI A/P JAYARAMAN
Program : BSc (Marine Biology)
Semester : 2014/15
Thesis Title : Concentration of Selected Heavy Metals in Marine Commercial Fishes Collected from Pulau Kambing, Terengganu

22. Student Name : NOR AMALINA BINTI MAT ALI
Program : BSc (Marine Science)
Semester : 2014/15
Thesis Title : Bioaccumulation of Heavy Metals (Cd, Pu, Cu, Zn) in Mud Crab *Scylla serrata* in Setiu Wetland, Terengganu

23. Student Name : SAZNIRA FADILA BINTI AHMAD SABRI
Program : BSc (Marine Science)
Semester : 2014/15
Thesis Title : The Geochemistry of Heavy Metal in Surface Sediment of Terengganu River Estuary

24. Student Name : FITY SUSANTY HAWANG
Program : BSc (Marine Science)
Semester : 2014/15
Thesis Title : Heavy Metal Concentration in Estuarine Sediment Cores of Muar River

25. Student Name : TENGKU NUR ALIA BINTI TENGKU KAMAROL AZNAM
Program : BSc (Marine Science)
Semester : 2015/16
Thesis Title : Assessment for Heavy Metals Concentration in Different Organs of *Lates calcarifer* farmed in Sungai Setiu
26. Student Name : NOR SAHIDAH BINTI JAMALUDIN
Program : BSc (Marine Science)
Semester : 2015/16
Thesis Title : Environmental Assessment of Metallic Trace Elements (Cd, Pb, Zn, Cu) Contamination in Surficial Sediment at Laut Setiu
27. Student Name : WONG SENG CHOONG
Program : BSc (Marine Science)
Semester : 2015/16
Thesis Title : Occurrence of Metallic Trace Elements in Selected Shark Species in Kuantan Coastal Waters
28. Student Name : LIM CHIA LING
Program : BSc (Marine Science)
Semester : 2015/16
Thesis Title : Geochemistry of Metallic Trace Elements in Surface Sediment off Sungai Juru, Penang
29. Student Name : SOFIANI BINTI ZAKARIA @ SALIM
Program : BSc (Marine Science)
Semester : 2015/16
Thesis Title : Estimating Recent Sedimentation Rates in Sediment Core at Sungai Muar : ^{210}Pb Analysis Approach
30. Student Name : NUR AMIRA HIDAYAH BINTI MADZLAN
Program : BSc (Marine Science)
Semester : 2015/16
Thesis Title : Evaluation of the Status of Heavy Metal Pollution of Surficial Sediment of Malacca Straits
31. Student Name : SITI NOORHIDAYAH BINTI AHMAD
Program : BSc (Marine Biology)
Semester : 2015/16
Thesis Title : Metallic Trace Elements Concentration in Selected Commercial Marine Fishes Landed Along Coastline of Pantai Maras, Terengganu

32. Student Name : NUR KAMILAH BINTI TERMIZI
Program : BAppSc (Biodiversity Conservation & Management)
Semester : 2015/16
Thesis Title : Biomonitoring of Heavy Metals in Marsh Clam (*Polymesoda expansa*) Collected from Tok Bali
33. Student Name : NURUL NADIA BINTI MOHAMAD ISA
Program : BSc (Analytical & Environmental Chemistry)
Semester : 2015/16
Thesis Title : Determination of Heavy Metals Concentration in Surface Sediment of Pulau Bidong
34. Student Name : NUR NADHIRAH BINTI MD HAFIZ
Program : BSc (Analytical & Environmental Chemistry)
Semester : 2015/16
Thesis Title : Heavy Metals Concentration in Bottom Sediment of Sungai Kuantan, Pahang
35. Student Name : DARSHINEE NADARAJAN
Program : BSc (Marine Science)
Semester : 2016/17
Thesis Title : Geochemical Study on Marine Surficial Sediments Along East Coast of Peninsular Malaysia
36. Student Name : CHOONG KAH LOK
Program : BSc (Marine Science)
Semester : 2016/17
Thesis Title : Heavy Metals Concentration in Mud Crabs from Sungai Kuantan, Pahang, Malaysia
37. Student Name : AIN SOFIA BINTI SH AZMI
Program : BSc (Marine Biology)
Semester : 2016/17
Thesis Title : Determination of Selected Heavy Metals in Ikan Tongkol Landed at Pantai Maras
38. Student Name : AMALINA BINTI IBRAHIM
Program : BSc (Marine Biology)
Semester : 2016/17
Thesis Title : Assessment of Selected Metals Content in Commercial Bivalve, *Polymesoda expansa* Collected from Sg. Kuantan
39. Student Name : IMRAN LUQMAN BIN MUHAMMAD HATTA
Program : BSc (Marine Biology)
Semester : 2017/18
Thesis Title : Assessment of Metallic Elements Uptake by *Holothuria atra* (Lollyfish)

40. Student Name : LEE HUI WEN
Program : BSc (Marine Science)
Semester : 2017/18
Thesis Title : Spatial Distribution of Metallic Elements in Surficial Sediment of Sungai Merang
41. Student Name : AFRINA AYSIRA BINTI SAHWAN
Program : BSc (Marine Science)
Semester : 2017/18
Thesis Title : Temporal and Spatial Distribution of Metallic Elements in Surficial Sediments from Sungai Setiu, Terengganu
42. Student Name : TAM DI BING
Program : BSc (Marine Science)
Semester : 2017/18
Thesis Title : Accumulation of Metallic Element in Commercial Crab Collected from Johor Strait, Malaysia
43. Student Name : CHEAH WEN JIE
Program : BSc (Marine Science)
Semester : 2017/18
Thesis Title : Selected Metallic Elements Concentration in Raw and Cooked *Loligo chinensis*
44. Student Name : NUR FADZIERA BINTI CHE SHUHADZIR
Program : BSc (Marine Science)
Semester : 2017/18
Thesis Title : Determination of metallic elements in cockles *Anadara granosa* at Setiu Wetland, Terengganu
45. Student Name : NURUL ZUNAH IZZATI BINTI ABD RAZAK
Program : BSc (Marine Science)
Semester : 2017/18
Thesis Title : The accumulation of metallic elements by *Mercenaria mercenaria* at Setiu Wetland, Terengganu
46. Student Name : FATIN LIYANA BINTI MOHAMMAD SHARIFF
Program : BSc (Marine Biology)
Semester : 2017/18
Thesis Title : Toxicity evaluation of heavy metal on embryogenesis of local *Anabas* sp.

47. Student Name : RAVEENA A/P KUMARASAMY
Program : BSc (Marine Biology)
Semester : 2017/18
Thesis Title : Screening of Rhamnolipid Produced by Marine Bacterium for Heavy Metal Removal in Mangrove Soil
48. Student Name : TAN EVONNE
Program : BSc (Marine Science)
Semester : 2018/19
Thesis Title : Distribution of Heavy Metals in Surface Sediment of the Terengganu Coast
49. Student Name : TEE LIAN SHENG
Program : BSc (Marine Science)
Semester : 2018/19
Thesis Title : Heavy Metals in Green Mussel (*Perna veridis*) Collected from Johore Strait, Malaysia
50. Student Name : YIP TIAM HING
Program : BSc (Marine Science)
Semester : 2018/19
Thesis Title : Assessment of Heavy Metals Concentration in Marine Sediments at Terengganu Waters off Marang
51. Student Name : MUHAMMAD HASBI BIN RAMLI
Program : BSc (Marine Science)
Semester : 2018/19
Thesis Title : Heavy Metals Concentration in Bivalvia Species Collected from Setiu Lagoon, Malaysia
52. Student Name : POONG JUN HAN
Program : BSc (Marine Science)
Semester : 2018/19
Thesis Title : Occurrence of heavy metals in bamboo sharks (*Chiloscyllium* sp.) in Lumut, Perak
53. Student Name : WAN NUR IZWANI BINTI MIOR BAHARUDIN
Program : BSc (Marine Science)
Semester : 2019/20
Thesis Title : Heavy Metal Pollution Records in Core Sediment of Straits of Malacca Waters
54. Student Name : NUR ALIAH SYAKIRAH BINTI ROSLI
Program : BSc (Marine Science)
Semester : 2019/20
Thesis Title : Evaluation of Heavy Metals Concentration in Surface Sediment Samples from Redang Island

55. Student Name : VISHALINI A/P B.MARAN
Program : BSc (Marine Science)
Semester : 2019/20
Thesis Title : Assessment of Heavy Metal Distribution in Freshly Deposited Sediment from Sg. Kemaman
56. Student Name : NUR SYAMIMI IZYAN BINTI ZAINI
Program : BSc (Marine Science)
Semester : 2019/20
Thesis Title : Heavy Metals Pollution Status in Surficial Sediment of the Coastal Straits of Malacca
57. Student Name : LAVANNIA A/P RAVIKUMAR
Program : BSc (Marine Science)
Semester : 2019/20
Thesis Title : Distribution and Enrichment of Heavy Metals in Surficial Sediments of Sg Kuantan
58. Student Name : DORINDA ANTHONY A/P ANTHONY DASS
Program : BSc (Marine Science)
Semester : 2019/20
Thesis Title : Determination of Heavy Metals Level in Green-Lipped Mussels, *Perna Veridis* (Linnaeus) From Sg. Johor Aquaculture Site
59. Student Name : NAJAH KARIMAH BINTI MUSTAFFA
Program : BSc (Marine Biology)
Semester : 2019/20
Thesis Title : *Faunus ater* as a Potential Biomonitor of Contamination by Heavy Metal in UMT Area
60. Student Name : SITI NORHAFIZAH BINTI NASARUDIN
Program : BSc (Marine Biology)
Semester : 2019/20
Thesis Title : A Study on the Sorption of Selected Environmental Pollutant by Biodegradable Polymers
61. Student Name : NUR SYAHIRAH BINTI MOHD SAFRI
Program : BSc (Marine Biology)
Semester : 2019/20
Thesis Title : A Study on the Sorption of Selected Heavy Metals by Commercially Available Biodegradable Plastics
62. Student Name : SHARVEN RAO A/L MARIAH
Program : BSc (Marine Science)
Semester : 2019/20
Thesis Title : Application of Marine-Derived Rhamnolipid-Polyhydroxyalkanoate Microparticle Blend for Heavy Metal Removal and Detection

63. Student Name : SYLVIA NG SIN EE
Program : BSc (Marine Science)
Semester : 2020/21
Thesis Title : Distribution of Heavy Metals in Surface Sediments from the South China Sea Region
64. Student Name : JEMIMAH SHALOM A/P B PERAGAS
Program : BSc (Marine Science)
Semester : 2020/21
Thesis Title : Spatial Distribution of Heavy Metals in Malaysian Estuarine and Coastal Waters: A Case Study from Malaysian Water
65. Student Name : NURZULFIKAH BINTI ZULKIPLI
Program : BSc (Marine Biology)
Semester : 2020/21
Thesis Title : Heavy Metals in Oysters (*Crassostrea sp.*) from South China Sea Region

RESEARCH AND INNOVATION

RESEARCH GRANT

Completed

- Project : Sediment Quality of Perai and Pinang rivers, Penang
Role : Project Leader
Grant Name : Tabung Penyelidik Muda (GoT)
(2013 – 2014)
- Project : Distribution of Metallic Trace Element Concentration in Surficial Sediments of Mengabang Telipot Enclosed Lagoon, Terengganu
Role : Project Leader
Grant Name : Geran Galakan Penyelidikan
(2013 – 2014)
- Project : Assessment of the Environmental Significance of Trace Metals in Muar River Based on Ecological and Human Health Risk Approach
Role : Project Leader
Grant Name : Fundamental Research Grant Scheme (FRGS)
(2013 – 2015)
- Project : Environmental Monitoring of Heavy Metals Status and Potential Human Health Risk Assessment in the Sediment and Organisms of the Laut Setiu, Terengganu
Role : Project Leader
Grant Name : NIC Research Grant Scheme (NRGS)
(2015 – 2017)
- Project : Provenance and Distribution of Suspended Particulate Matter by Geochemical Fingerprint Analysis: Implications for Coral Reef Health in the Islands of Terengganu
Role : Associate Researcher
Grant Name : NIC Research Grant Scheme (NRGS)
(2015 – 2017)
- Project : Ecotoxicology Studies on Industrial Effluent
Role : Associate Researcher
Grant Name : Industrial Matching Grant (Kaneka (M) Sdn. Bhd.)
(2018 – 2020)

Active

- Project : Understanding of the Sources of Atmospheric Hg Emission/Deposition and its Fate and Transport in Aquatic System Along the East Coast of Peninsular Malaysia
- Role : Associate Researcher
- Grant Name : International Grant (Institute of Geochemistry, Chinese Academy of Science)
(2018 – Present)
- Project : Straits of Malacca Cruise: Heavy Metals Content in Coastal Vicinity Sediment off Malacca Straits
- Role : Project Leader
- Grant Name : Talent and Publication Enhancement Research Grant (TAPE)
(2019 – Present)
- Project : Influence of Monsoon System on Dissolve Metals Bioavailability and Toxicity at Pulau Tioman, Pahang : In Case of Complexation of Fe(III) and Cu(II) by Natural Organic Ligands
- Role : Associate Researcher
- Grant Name : Fundamental Research Grant Scheme (FRGS)
(2019 – Present)
- Project : Total Mercury and Methy–Mercury Determination in Economically Important Marine Fishes from Malaysian Waters: A Human Health Risk Assessment Approaches.
- Role : Project Leader
- Grant Name : Fundamental Research Grant Scheme (FRGS)
(2020 – Present)
- Project : MARE: Marine Coastal and Delta Sustainability for Southeast Asia
- Role : Associate Researcher
- Grant Name : International Grant (University of Bremen, Germany)
(2020 – Present)
- Project : Derivation of Predicted No Effect Concentration (PNEC) using Species Sensitivity Distribution (SSD) Technique for Risk Assessment of Endocrine Disrupting Compounds (EDCs) in Tropical Coastal Ecosystem
- Role : Associate Researcher
- Grant Name : Talent and Publication Enhancement Research Grant (TAPE)
(2021 – Present)

Project : Ecomarine – Building a Comprehensive Mechanism for Preserving Marine Ecosystems and Life Form from the Negative Consequences of Climate Change and the Disposal of Plastic Debris

Role : Associate Researcher

Grant Name : Erasmus and Programme of the European Union (2021 – Present)

PUBLICATION

Journal Article

1. Ong MC, Adiana G, Amin RM, Bhubalan K, Lee JN, Omar TFT, Khalil I, Assaw S, Yong JC, Nurulnadia MY, Jaafar I, Rasdi NW, Mazlan N, Husin MJM, Radin Mohamed RMS, Annual ZF, Chen M & Wahid MA (2021) Positive and Negative Effects of COVID-19 Pandemic on Aquatic Environment: A Review. *Sains Malaysiana*, Vol. 50(4), 1189-1200.
2. Pradit S, Noppradit P, Goh BP, Sornplang K, Ong MC & Towatana P (2021) Occurrence of Microplastics and Trace Metals in Fish and Shrimp from Songkhla Lake, Thailand During the COVID-19 Pandemic. *Applied Ecology and Environmental Research*, Vol. 19(2), 1085-1106.
3. Yip TH, Evonne T, Poong JH, Tee LS, Muhammad Hasbi R, Sabuti AA & Ong MC (2021) Assessment of Heavy Metals Concentration in Marine Sediment in Terengganu Waters. *Universiti Malaysia Terengganu Journal of Undergraduate Research*, Vol. 3(2), 1-12.
4. Loh SH, Noorfatimah Y, Siti Munirah I, Khalik WMAWM, Nor Syuhada CA, Aboul-Enein HY & Ong MC (2021) Recent Trends in Adsorbent-Based Microextraction of Micropollutants in Environmental Waters. *Current Pollution Reports*, Vol. 2021.
5. Amelia TSM, Khalik WMAWM, Ong MC, Shao YT, Pan HJ & Bhubalan K (2021) Marine Microplastics as Vectors of Major Ocean Pollutants and its Hazards to the Marine Ecosystem and Humans. *Progress in Earth and Planetary Science*, Vol. 8, 12.
6. Ong MC, Pan HJ, Shazili NAM, Menier D, Dupont V, Revillon S & Connell A (2021) Heavy Metals Concentration in Sediments of South Brittany Waters, France: An Ecological Risk Assessment Approach. *Open Journal of Marine Science*, Vol. 11(1), 55-68.
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51. Ong MC, Kamaruzzaman BY & Joseph B (2009) Geochemical Studies of Setiu Lagoon, Terengganu, Malaysia. *Malaysian Journal of Science*, Vol. 28(2), 217–222.
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67. Kamaruzzaman BY, Zaleha K, Ong MC & Willison KYS (2007) Copper and Zinc in Three Dominant Brackish Water Fish Species from Paka Estuary, Terengganu, Malaysia. *Malaysian Journal of Science*, Vol. 26(2), 64–70.
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74. Kamaruzzaman BY, Ong MC & Willison KYS (2005) Taburan Kepekatan Unsur Kimia di Dalam Teras Sedimen di Hutan Paya Bakau Paka, Terengganu, Malaysia. *Malaysian Journal of Analytical Sciences*, Vol. 9(1), 111–115.
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79. Kamaruzzaman BY, Ong MC & Willison KYS (2004) Trace Metal Concentration in the Surface Sediments of Paka Mangrove Forest, Terengganu, Malaysia. *Malaysian Journal of Science*, Vol. 23(2), 55–60.

Chapter in Book

1. Ong MC & Kamaruzzaman BY (2019) Sediment and Organisms as Marker for Metal Pollution. *Monitoring of Marine Pollution*. InTech Open, 57–75.
2. Ong MC & Kamaruzzaman BY (2019) Metals Pollution in Tropical Wetlands. *Wetlands Management – Assessing Risk and Sustainable Solutions*. InTech Open, 29–44.

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1. Modul Kursus Kepemimpinan Sains Marin dan Alam Sekitar (LY2020006255)
2. Marine Science Field Work Module (LY2020006254)

AWARDS AND RECOGNITIONS

Services

1. Excellent Service Award, UMT, University, 2014 – Present.

Leadership

1. High Impact Knowledge Transfer Award, Faculty of Science and Marine Environment, 2019.

Research

1. Young Investigator Award @ 28th Regional Symposium of Malaysian Analytical Sciences (SKAM-28) by Young Scientist Network Malaysia and Akademi Sains Malaysia. National, 2015
2. Minggu Penyelidikan & Inovasi 2021 – Gold and Silver medals

RESEARCH LINKAGES

International

1. University of South Brittany (UBS), France
2. University of Western Brittany (UBO), France
3. University of Hong Kong (HKU), Hong Kong
4. Hong Kong Education University (HKU), Hong Kong
5. Hong Kong Polytechnic University (PolyU), Hong Kong
6. City University of Hong Kong, Hong Kong
7. South China Sea Institute of Oceanology (SCSIO), Guangzhou, China
8. Institute of Geochemistry, Chinese Academy of Sciences
9. National Taiwan Ocean University (NTOU), Keelung, Taiwan
10. National Sun Yat-sen University (NSYSU), Kaohsiung, Taiwan
11. Institut Pertanian Bogor (IPB), Indonesia
12. Institut Teknologi Sepuluh Nopember – ITS, Indonesia
13. Airlangga University, Indonesia
14. Universitas Hasanuddin, Indonesia
15. Brawijaya University, Indonesia
16. Raja Ali Haji Maritime University (UMRAH) , Indonesia
17. Halu Oleo University, Indonesia
18. Udayana University – Bali, Indonesia
19. Jenderal Soedirman University, Indonesia
20. Diponegoro University, Indonesia
21. Khairun University, Indonesia
22. Universitas Sriwijaya, Indonesia

23. Indonesian Institute of Sciences (LIPI) , Indonesia
24. National University of Singapore (NUS), Singapore
25. MAPUA University, Manila, Philippines
26. President Ramon Magsaysay State University, Phillipines
27. Cavite State University, Phillipines
28. Negros Oriental State University, Phillipines
29. Caraga State University, Phillipines
30. Mindanao State University, Phillipines
31. University of San Carlos, Phillipines
32. Philippine Nuclear Research Institute, Philippines
33. Mawlamyine University, Myanmar
34. Prince of Songkla University, Thailand
35. Ramkhamhaeng University, Thailand
36. Mahidol University, Thailand
37. Chulalongkorn University, Thailand
38. Khon Kaen University, Thailand
39. Ho Chi Minh City University of Technology
40. University of Science -Vietnam National University
41. Institute of Marine Environment and Resources (IMER),
42. Institute of Oceanography Viet Nam
43. International University, Cambodia

National

1. International Islamic University Malaysia (IIUM)
2. Universiti Putra Malaysia (UPM)
3. Universiti Kebangsaan Malaysia (UKM)
4. Universiti Malaysia Sarawak (UNIMAS)
5. Universiti malaysia Kelantan (UMK)
6. Universiti Malaysia Sabah (UMS)
7. Universiti Malaysia Pahang (UMP)
8. Universiti Teknologi PETRONAS (UTP)
9. Universiti Tun Hussein Onn Malaysia (UTHM)
10. Universiti Teknologi MARA (UiTM)
11. Universiti Teknologi Malaysia (UTM)
12. Management and Science University (MSU)
13. Universiti Selangor (UNISEL)

Industry

1. Mineral and Geoscience Department Malaysia (JMG)
2. Institute for Medical Research (IMR), Malaysia
3. Southeast Asian Fisheries Development Center (SEAFDEC)
4. Malaysian Nuclear Agency (NUCLEAR)
5. Malaysian National Hydraulic Research Institute (NAHRIM)

KNOWLEDGE TRANSFERS

CORPORATE SOCIAL RESPONSIBILITY (CSR)

1. Beach Clean Up, World Ocean Week 2019, September 21, 2019
2. Beach Clean Up, World Ocean Day 2020, September 19, 2020
3. Jom Turun Sungai, Sebarang Takir, Terengganu, Hari Air Sedunia 2021, April 3, 2021
4. Valesto
5. Sekolah Dungun
6. Perkongsian Dapatan Penyelidikan UMT dengan Pemegang taruh Tanah Bencah Setiu, March 30, 2017
7. Tanah Bencah Setiu Bersama YBhg. Dato' Naib Canselor UMT dan Komuniti. February 16, 2017

EXPERT CONTRIBUTION

Editor / Assistant Editor

1. Chief Editor, Academic Book – Bidong Island: Little Saigon of East Coast Peninsular Malaysia.
2. Assistant Editor, Journal of Sustainability Science and Management.

Speaker

1. Penulisan 1 – How to Write a Good Thesis. Marine & Environmental Science Club, PPSMS. July 11, 2018
2. Powerpoint and Poster presentation & Tips to Summarise project Study for Presentation. Marine & Environmental Science Club, PPSMS. October 10, 2017
3. How to publish High impact Publication? Marine & Environmental Science Club, PPSMS. September 3–4, 2018

Facilitator

1. Mentor, Nurturing Young Researcher Program. 2015
2. Mentor, Research and Grant, 2020

SELF DEVELOPMENT

CONFERENCE

1. International Forum on Geoscience and Oceanography (IFGO). April 24–26, 2020. Zhangjiajie, China (Webinar)
2. 32th International Conference of Analytical Sciences (SKAM–32). August 14–16, 2019. Port Dickson, Negeri Sembilan.
3. 3rd International Conference on Quaternary and Future Earth (ICQFE). June 26–27, 2019. Keelung, Taiwan.
4. 9th International Conference on Marine Pollution and Ecotoxicology. June 10–14, 2019. Hong Kong, China.
5. Tropical Ocean and Marine Sciences International Symposium 2018 (TOMSY2018). October 30–31, 2018. Kuala Terengganu, Terengganu.
6. International Conference of Analytical Sciences (SKAM31). August 17–19, 2018. Kuantan, Pahang.
7. International Conference on Marine Science and Aquaculture (ICOMSA). March 14–16, 2018. Kota Kinabalu, Sabah.
8. International Workshop on Marine Coastal Ecosystem and Ecotoxicology. March 10–11, 2018. Guangzhou, China.
9. International Conference of Analytical Sciences (SKAM30). August 26–29, 2017. Malacca.
10. The 10th WESTPAC International Scientific Conference. April 17–20, 2017. Qingdao, China.
11. International Conference on Marine Science and Aquaculture. March 14–15, 2017. Kota Kinabalu, Sabah.
12. 8th International Conference on Marine Pollution and Ecotoxicology. June 20–24, 2016. Hong Kong, China.
13. International Conference on Marine Science and Aquaculture. March 17–19, 2015. Kota Kinabalu, Sabah.
14. International Conference on Biodiversity, Ecology and Conservation of Marine Ecosystem. June 1–4, 2015. Hong Kong, China.
15. International Conference on Environmental and Biological Sciences. September 26–17, 2014. Krabi, Thailand.
16. 7th International Conference on Marine Pollution and Ecotoxicology. June 17–21, 2013. Hong Kong
17. International Conference on Environment, Agriculture and Food Sciences. August 11–12, 2012. Phuket, Thailand.
18. European Geosciences Union (EGU) General Assembly. April 22–27, 2012. Vienna, Austria.
19. UMT 9th Annual Seminar on Sustainability Science & Management (UMTAS). May 8–11, 2010. Kuala Terengganu, Terengganu
20. UMT 8th International Annual Symposium on Sustainability Science & Management (UMTAS). May 3–4, 2009. Kuala Terengganu, Terengganu.

21. Annual Seminar on Marine Science & Aquaculture. March 11–13, 2009. Kota Kinabalu, Sabah.
22. Simposium Kimia Analisis Malaysia (SKAM-21). November 26–28, 2008. Kota Kinabalu, Sabah.
23. South China Sea Conference. November 25–29, 2008. Kuantan, Pahang.
24. International Symposium on Sediment Quality Assessment (SQA7). November 28–30, 2007. Hong Kong.
25. KUSTEM 5th Annual Seminar on Sustainability Science & Management. May 2–3, 2006. Kuala Terengganu, Terengganu.
26. International Conference on Coastal Oceanography & Sustainable Marine Aquaculture (ICCOSMA). May 2–3, 2006. Kota Kinabalu, Sabah.

EXPEDITION

1. Scientist, UMT Scientific Expedition: Straits of Malacca, 2015
2. Chief Scientist, UMT Scientific Expedition: Straits of Malacca, 2019
3. Chief Scientist, Marine Science Expedition, 2019
4. Scientist, Marine Science Expedition, 2020

EXHIBITION

1. Langkawi International Maritime and Aerospace (LIMA) Exhibition, 2019

ACADEMIC LEADERSHIP

EXPERT RECOGNITION

1. RKK Pemeliharaan dan Pengurusan Setiu Wetlands (2017 – 2019)
2. Associate of Academy of Science Malaysia (ASM) (2020 – Present)
3. Head of Ocean Pollution and Ecotoxicology (OPEC) Research Group
4. Stakeholder Engagement ASM-KASA Strengthening Environmental Governance (SEG) Study.

KEYNOTE SPEAKER

1. Marine Pollution in Malaysia Aquatic Environment: A Review of Heavy Metals in Sediments and Living Organisms @ 2nd International Forum on Geoscience and Oceanography (IFGO). AEIC – Academic Exchange Information Centre. April 24, 2020.
2. Status of Heavy Metals Pollution in Malaysia Aquatic Environment @ International Conference on Physic, Chemistry and Biology (ICPCB 2016). IPN Education Group. April 23, 2016.

INVITED SPEAKER

1. Ocean Threats and Issue @ The Ocean Voice. IPB Indonesia. November 11, 2020.
2. Evolution of Marine Science Program: UMT Experience @ International Webinar on Marine Environment. Erasmus+ Programme of the European Union. December 10, 2020.
3. Covid-19: Impact on Natural Resources and Environmental Sustainability @ e-Research Forum. INHART IIUM. June 9, 2020.
4. Ocean Acidification: The Silent Killer. World Ocean Day Webinar. Universiti Putra Malaysia (UPM). June 8, 2021
5. Guest Lecturer. Marine Science Study Program, Faculty of Fisheries and Marine Science, University of Khairun, Indonesia. June 28, 2021.

ASSESSOR

Program Assessor

1. Prince of Songkla University QS World University Ranking 2021
2. External Examiner for Bachelor of Science in Marine Environmental Chemistry (Honours) Programme. Xiamen University Malaysia. 2021.

Grants Evaluator

1. Ministry of Higher Education (KPT) Panel Reviewer, Fundamental Research Grant Scheme (FRGS). 2020 – Present
2. UMT Internal Panel Reviewer, Fundamental Research Grant Scheme (FRGS). 2020 – Present

3. FSSM Internal Panel Reviewer, Fundamental Research Grant Scheme (FRGS). 2021
4. Panel Reviewer, Talent and Publication Enhancement Research Grant (TAPE-RG). 2020
5. Panel Reviewer, Research Acculturation of Early Career Researchers (RACER). UMT. 2020
6. UMT Internal Panel Progress Reviewer, Ministry of Higher Education (KPT) Research Grant. 2020 – Present

Others Evaluation

1. Reviewer, Institutional Animal Care and Use Committee (IACUC) – Synthesis and Characterization of Betaine-Fatty-Acid Based Ionic Liquid as Surface-Active ionic Liquid. 2021.
2. Reviewer, Institutional Animal Care and Use Committee (IACUC) – Mercury (Hg) Level in Human Hair. 2021
3. Reviewer, Institutional Animal Care and Use Committee (IACUC) – Turbidity Effects of Bauxite on Climbing Perch (Puyu) Embryos. 2020

JURY

Presentation Evaluation

1. 3rd Conference of the Arabian Journal of Geoscience (CAJG). December 3, 2020
2. 2nd Seminar on Biological Security and Sustainability. October 29 & 30, 2019.
3. Postgraduate Colloquium UMT-Prince of Songkhla University, Thailand. August 25, 2019
4. 14th UMTAS International Annual Seminar (UMTAS 2019). July 23, 2019
5. Student Research Day@UMT 2019. May 20, 2019
6. 8th International Conference on Postgraduate Education (ICPE-8). December 4, 2018
7. International Conference of Analytical Sciences 2018. August 17, 2018
8. UMT Undergraduate Research Day 2018. May 16, 2018
9. International Conference on Marine Science & Aquaculture 2017. March 14, 2017
10. Marine and Environmental Sciences International Postgraduate Colloquium (MESPC). 2017
11. Marine Science and Environment Postgraduate Conference 2016 (MESPC16). December 21, 2016

POSTGRADUATE EXAMINER / EVALUATOR

Thesis Internal Examiner

Doctor of Philosophy

1. Kok Poh Heng (GSK2848) Upwelling Dynamics, Water Advection and Climate Variability Along the Peninsular Malaysia's East Coast. December 22, 2020.

2. Siti Mashitah binti Mohammad (GSK1433) Experimental Biosorption and Bioaccumulation of Rare Earth Elements (Lanthanides) Using Biomass of Macroalgae. November 7, 2019.
3. Nurul Rabitah binti Daud (GSK2475) Dynamic Interaction Between Southern South China Sea and Gulf of Thailand Circulation Pattern. May 21, 2019
4. Nabeela Ali Nasser Al-Awlaqi (GSK1719) Field and Laboratory Studies on the Bioaccumulation Metals in Brown Seaweed (*Padina spp.*) from the Terengganu Coast. September 30, 2019
5. Aadiana binti Ghazali (GSK1597) Geochemistry of Metals and Rare Earth Element in Brunei Bay, Borneo. March 29, 2016

Master of Science

1. Nik Nurasyikin binti Nik Mohammad Azmi (P3812) Metals accumulation in cultured Asian seabass (*Lates calcarifer*) from Kelantan and Terengganu. March 14, 2021
2. Fatin Adlina binti Md Nasir (P3243) The Influence of Seasonal Variation Towards Nutrients Distribution and Behaviours in Kelantan River Estuary, Malaysia. April 28, 2020

Thesis External Examiner

Master of Science

1. Nazerita Lasumin (GS50967) Vertical Distribution of Zinc, Cadmium, Lead and Copper in Sediment. May 5, 2020
2. Nuraqeelah binti Mohammad Shamhari (16020027) Ecotoxicology Assessment of Zinc Oxide Nanoparticles in Early Stages of Zebrafish (*Danio rerio*). September 27, 2019
3. Wong Ru Sheong. Spatial and Temporal Distribution of Heavy Metals Level in Water, Sediment and Fishes of the Murum Hydroelectric Reservoirs. December 12, 2016

Progress Evaluator

Master of Science

1. Nik Nurasyikin Nik Mohammad Azmi (P3405) September 27, 2020
2. Mohamad Zahid bin Baharom (P3812) September 27, 2020
3. Intan Nurlemsha Baharom (P3750) September 27, 2020
4. Annisa Nursabrina binti Jaapar (P3427) August 7, 2019
5. Muhammad Nazirul Mubin bin Abd Halim Shah (P3073) January 16, 2019

Proposal Evaluator

Doctor of Philosophy

1. Azyyati binti Abdul Aziz (P3408) March 6, 2019
2. Nurhanan Atiq binti Haron (GSK2319) January 24, 2016
3. Siti Tafsil Raudah binti SH Abdul Kadir (GSK2426) January 24, 2016

Master of Science

1. Nik Nurasyikin binti Nik Mohmmad Azmi (P3405) April 29, 2019
2. Mohamad Zahid bin Baharom (P3812) April 29, 2019
3. Intan Nurlemsha binti Baharom (P3750) April 29, 2019
4. Muhammad Nazirul Mubin bin Abd Halim Shah (P3073) August 12, 2018
5. Siau Yin Fui (P3200) April 4, 2018
6. Fatin Adlina binti Md Nasir (P3243) April 4, 2018
7. Mohd Mursyid bin Mohd Sanip (P3161) April 4, 2018
8. Nur Syahirah binti Mohd Radzi (P3007) January 31, 2018

REVIEWER

- Advances in Environmental Biology
- Arabian Journal of Geoscience
- ASM Science Journal
- Borneo Journal Resource Science Technology
- Environmental Science & Pollution Research
- HSOA Journal of Aquaculture and Fisheries
- IOP Conference Series: Earth and Environmental Science (EES)
- Journal of Aquatic Research and Marine Science
- Journal of Environmental Pollution and Control
- Journal of Geo and Environmental Science Research
- Journal of Sustainability Science and Management
- Malaysia Applied Biology Journal
- Malaysian Journal of Analytical Sciences
- Malaysian Journal of Science
- Marine Pollution Bulletin
- Open Journal of Marine Science
- Oriental Journal of Chemistry
- Pertanika Journal of Science and Technology
- Regional Studies on Marine Science
- Sains Malaysiana
- Scientific Reports
- The Scientific World Journal

EDITORIAL

- Editorial Board, American Journal of Marine Research and Reviews
- Editorial Board, Examines in Marine Biology and Oceanography
- Editorial Board, International Journal of Atmospheric and Oceanic Sciences
- Editorial Board, International Journal of Pollution Research
- Editorial Board, International Journal of Research in Environmental Science
- Editorial Board, HSOA Journal of Aquaculture and Fisheries
- Editorial Board, Journal of Aquatic Research and Marine Sciences

ADDITIONAL CONTRIBUTIONS

Workshop / Conference

1. Chairman, Postgraduate Colloquium UMT–Prince of Songkhla University, Thailand (PSU). 2019
2. Committee Member, 14th International Universiti Malaysia Terengganu Annual Symposium (UMTAS 2019)
3. Committee Member, 2nd PSU–UMT Postgraduate Colloquium. 2018
4. Committee Member, The 11th International Conference on Artificial Reefs and Related Aquatic Habitat
5. Committee Member, Seminar Ekosistem Setiu 2016

Admin Committee

1. Committee Member, Sekolah Kluster kecemerlangan (SKK) dengan UMT, 2016
2. Committee Member, Summer School: Coastal Change: The Future Ocean, 2016
3. Committee Member, Pembangunan Program Baharu – Program Sarjana Sains (Sekitaran marin Tropika), 2017
4. Committee Member, Promosi & Perhubungan Korporat, 2017
5. Committee Member/Facilitator, Program Motivasi dan Eksplorasi Bersama SK Pusat Chabang Tiga dan SM(A) Sultan Zainal Abidin. August7, 2017
6. Committee Member, World Ocean Week WOW2018
7. Committee Member. Penggubalan Dokumen COPPA Program Baharu: Sarjana Sains (Sekitaran Marin Tropika), 2018
8. Committee Member, Program Summer School SCUBA Diving for Scientific Study. July 4–6, 2018
9. Committee Member, Program Kursus Kepimpinan Alam Sekitar dan Sains Marin Sekolah Berasrama Penuh Peringkat Kebangsaan,. 2018
10. Committee Member, Beach Clean Up Sempena Sambutan World Ocean Week (WOW2017)
11. Committee Member, World Ocean Festival. September 21, 2019
12. Committee Member, Program Konservasi Alam Sekitar bersama Trash hero Batu Buruk. December 2019
13. Committee Member, Program Jom Masuk IPT2020.
14. Committee Member, Penjaminan Kualiti FSSM, 2020
15. Committee Member, Program Beach Cleanup 2020
16. Committee Member, Pemurnian MQF2.0 Program Sarjana Sains (Sekitaran Marin Tropika)
17. Responden PYD bagi Pelaksanaan Pilot Test Sistem e–Prestasi Berdasarkan Element RTS, 2020
18. Lab Coordinator, Marine Science Program, 2017–2019
19. Postgraduate Coordinator, PPSMS, 2019
20. Marine Science Program Coordinator, 2019 – Present
21. Chairman, Program Kepemimpinan Alam Sekitar : Sains Marin Sekolah Berasrama Penuh (SBP) Peringkat Kebangsaan. 2019
22. Subject Coordinator, MPU3312, 2019 – Present

Task Force

1. UMT Summer School Task Force. 2017–2018
2. Tasik Chini Task Force. 2021 - present

Chairman of Examiner

1. Nurul Aryani binti Zulkipli (P3823) May 4, 2021
2. Fathullah bin Abdullah (GSK2817) October 15, 2019
3. Noor Azniza binti Mohd Noor (GSK1611) October 10, 2019
4. Muhammad Nazirul Mubin bin Abd Halim Shah (P3073) October 6, 2019
5. Nur Safawati bt Abd Manab (GSK2500) December 17, 2018
6. Nur Sakinah bt Abdul Razak (GSK2822) November 26, 2018
7. Nur Afny Syazwany bt Abu Zarim (GSK1645) September 24, 2018

Chairman Session

1. Tropical Ocean and Marine Sciences International Symposium (TOMSY2020). November 24, 2020
2. 3rd Conference of the Arabian Journal of Geosciences. November 3, 2020

Auditor

1. Internal Auditor, UMT, 2020
2. Internal Auditor Sistem Pengurusan Kualiti (ISO 9001: 2015) 2019–2021
3. Internal Auditor Sistem Pengurusan Kualiti – Audit Dalaman Bersepadu. Phase 2. 2019
4. Internal Auditor MS ISO 9001: 2015 Skop Pembelajaran & Pengajaran. 2018
5. UMT Summer School Task Force. 2017–2018
6. Internal Auditor MS ISO 9001:2008. 2014

REFERENCES

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DECLARATION

I hereby declare that the above particulars are true and correct to the best of my knowledge and belief and in the event of any information being found false or incorrect, my candidature will be liable to be cancelled.

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