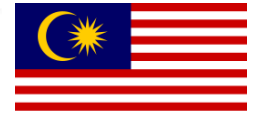




PhD supervisor



Dr. Roswati Md Amin

Lecturer

Faculty of Science and Marine Environment
Universiti Malaysia Terengganu

Language(s): Malay, English

roswati_ma@umt.edu.my

+609 668 3887 / +6019 7348739

Research gate: https://www.researchgate.net/profile/Roswati_Md_Amin

Scopus Author ID 37111030200

Potential areas for PhD supervision:

Plankton Ecology
Phytoplankton & Zooplankton Physiology
Primary & Secondary productivity

Supervising experience:

MSc students – 7 (6 as main, 1 as co-sv)
~ 5 graduated, 2 on-going

Employment history in last 5 years:

2007 – 2011 Universiti Malaysia Terengganu (Tutor)
2011 - present Universiti Malaysia Terengganu (Lecturer)

Membership of professional association:

Since 2020 Japan Society for the Promotion of Science (JSPS)
Since 2018 Estuarine, Coastal and Shelf Science Association (ECSA)

Education

Doctor of Philosophy (Marine Ecology), Umeå University, Sweden : 2007-2011
Bachelor of Science (Marine Biology), KUSTEM, Terengganu, Malaysia : 2002-2005

Selected recent papers:

1. Roswati Md Amin, MS Idris, NA Mudiman, NH Mohd Azmi, HL Siang. (2021) Spatial Distribution of Picophytoplankton in Southeastern Coast of Peninsular Malaysia Using Flow Cytometry. *Pertanika Journal of Science & Technology* 29 (3)
2. Taha, Z.D., Roswati Md Amin*, Anuar, S.T., Nasser, A.A.A., Sohaimi, E.S. (2021) Microplastics in seawater and zooplankton: A case study from Terengganu estuary and offshore waters, Malaysia. *Science of the Total Environment* 786, 147466
3. Chuan, O.M., Ghazali, A., Roswati Md Amin, ...Mengli, C., Wahid, M.A. (2021) Positive and negative effects of COVID-19 pandemic on aquatic environment: A review | Kesan Positif dan Negatif Pandemik COVID-19 ke atas Persekitaran Akuatik: Suatu Ulasan. *Sains Malaysiana*. 50(4), pp. 1187–1198



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4. Sohaimi, E.S., Roswati Md Amin*, Sahibu, A., Mohd Akhir, M.F. (2021) Data on phytoplankton abundance in Malacca Straits, west coast of Peninsular Malaysia in August 2019. Data in Brief, 106893
5. Jaapar, A.N., Roswati Md Amin*, Bhubalan, K., Sohaimi, E.S. (2021) Changes in the Development and Reproductive Output of *Nitokra lacustris pacifica* (Crustacea: Copepoda) Yeatman, 1983 Under Short and Long Term Exposure to Synthetic and Biodegradable Microbeads. Journal of Polymers and the Environment.
6. Amelia, Tan Suet May., Siti Noorhuda Fatihah Sukri, Annisa Nursabrina Jaapar, Roswati Md Amin, Kesaven Bhubalan (2020) Uptake and egestion of polyhydroxyalkanoate microbeads in the marine copepod *Nitokra lacustris pacifica*. Journal of Sustainability Science and Management, 15(4), 45–53
7. Roswati Md Amin*, Erqa Shazira Sohaimi, Sabiqah Tuan Anuar, Zainudin Bachok, (2020) Microplastic ingestion by zooplankton in Terengganu coastal waters, southern South China Sea, Marine Pollution Bulletin, Vol 150 110616
8. Md Suffian Idris, Hing Lee Siang, Roswati Md Amin, (2020) Data on sea surface biophysical parameters during different monsoon seasons. Data in Brief, Vol 28, 104982
9. Sharumathiu Govindasamy, Muhammad Syafiq Ishak, Amirul Al-Ashraf Abdullah, Roswati Md Amin, Kesaven Bhubalan (2019) Dataset on controlled production of polyhydroxyalkanoate-based microbead using double emulsion solvent evaporation technique. Data in Brief, Vol 23 103675

