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QUALIFICATIONS

- Doctor of Philosophy (Environment), University of Groningen
- Master of Science (Botany), Universiti Kebangsaan Malaysia
- Bachelor of Science (Hons.) Biology, Universiti Putra Malaysia

FIELD OF RESEARCH

- 1 Plant Ecology
- 2 Plant Diversity and ConservationNutN
- 3 Ecology of Aerial Plants

RESEARCH INTEREST

My research interest revolves around the plant adaptations in nutrient-poor environment. Besides, I also working in documenting the vascular flora in Terengganu, since the record of flora in this area is not as extensive as her neighbours (e.g. Pahang and Kelantan). Besides that, I also have a grow interest on the distribution of epiphytic plants. This plant-type is still understudied despite of its distribution concentrated at the wet tropics. Information about the epiphyte's distribution and its function in the environment can help us to understand more on the ecosystem dynamics since this plant is sensitive to the environmental changes.

PROFFESIONAL MEMBERSHIP

- International Mire Conservation Group (IMCG)
- Society of Conservation biology
- Malaysian Nature Society
- Malaysian Society of Applied Biology

GRANTS

Project : Inferring a High Abundance of Ants-plant (*Hydnophytum* sp.) in Pulau Rhu, Setiu, Through Ecology and Molecular Study

Position : Project Leader

Grant : Niche Research Grant Scheme (NRGS)
Name

Status : Completed

Amount : RM 20,000.00

Project : Assessment of Oil Palm Cultivation Impact on Water Quality: A Case Study in Setiu Coastal Wetland System

Position : Co-researcher

Grant : WWF
Name

Status : Completed

Amount : RM 20,000.00

Project : Setiu Woman Social Entrepreneur in Using Natural Resources for Sustainable Livelihood

Position : Co-researcher

Grant : TRGS (UMT)
Name

Status : Completed

Amount : RM143, 000.00

Project : Deciphering the effects of emergent macrophyte on sedimentation and water quality in Tasik Berombak, Setiu, towards a sustainable freshwater source for Setiu Lagoon

Position : Project Leader

Grant : TAPE-RG (UMT)
Name

Status : Completed

Amount : RM 20,000.00

AWARDS

- 2019 – Recognition award for graduated postgrad supervision, Universiti Malaysia Terengganu
- 2018 - Silver medal - Competition of Teaching and Learning Innovation, Universiti Malaysia Terengganu
- 2017 - Award of Teaching and Learning (Young Lecturer) Cluster of Applied Science, Universiti Malaysia Terengganu
- 2015 - Recognition award for high impact publication, Universiti Malaysia Terengganu

PUBLICATIONS

Journal Article

1. Rohani S, Fei Lin Lee & Abdul Shukor Yusoff (2020) Diversity and Vertical Distribution of Vascular Epiphytes in Mangrove Ecosystem of Peninsular Malaysia. *BIOTROPIA* 27(2): 134-142.
2. Abdul Shukor Yusoff, Rohani Shahrudin & Wan Bayani Wan Omar (2020) Limited Seed Dispersal May Shape Genetic Structure of *Hydnophytum formicarum* Jack. Populations in Mangrove Ecosystem. *BIOTROPIA* 27(2): 153-161.
3. Jamilah, MS., Lee, GE., Muhamad Razali S, Salwa S, Elizabeth P, Jarina MJ, Nurul Amira Izzaty H, Rohani S, Siti Mariam MN, Chong JL, Faridah M, Akmal Raffi, Dome N. (2020) A checklist of vascular plants and uses of some species for livelihood-making in Setiu Wetlands, Terengganu, Malaysia. *PhytoKeys* 160: 7-43.
4. Rohani Shahrudin, Jamilah Mohd. Salim, Elizabeth Pesiu, Muhamad Razali Salam, Cheo Jia Yi & Mohd Hakkim Firdaus Hamzah (2019) The Checklist of Mangrove Plants and Their Distribution on Pulau Sibul, Johor. *The Malayan Nature Journal* 71(3): 333- 339.
5. Jarina Mohd Jani, Rohani Shahrudin, Albert Apollo Chan, Mohd. Nizam Ismail, Bahrinah Bahrin & Saipullah Jamaludin (2019) Pulau Sibul Scientific Expedition: Connecting the Land and the Sea for Biodiversity Management of A Marine Park Island. *The Malayan Nature Journal* 71(3): 277-284.
6. Jamilah Mohd. Salim, Elizabeth Pesiu, Muhamad Razali Salam & Rohani Shahrudin (2019) Flora Checklist and Vegetation Type of Pulau Sibul, Johor. *The Malayan Nature Journal* 71(3): 311-324.
7. Rohani S., Abdul Shukor, Y., Mohamad Fahmi, K. & Muhamad Razali, S. (2017) Distribution and host identification of the epiphytic plant, *Hydnophytum formicarum*, in Pulau Telaga Tujuh, Setiu. *Journal of Science and Sustainable Management*. 12: 128-134
8. A.M. Kooijman, C.J.W. Bruin, A. van de Craats, A.P. Grootjans, J.G.B. Oostermeijer, R. Scholten & R. Sharudin (2016) Past and future of the EU-Habitat directive species *Liparis loeselii* in relation to landscape and habitat dynamics in SW- Texel, the Netherlands. *Science of the Total Environment*. 568: 107-117
9. Ab Grootjans, Rohani Shahrudin, Annelies van de Craats, Annemieke Kooijman, Gerard Oostermeijer, Jörg Petersen, Donovan Amatirsat, Chantal Bland & Pieter Stuyfzand (2016) Window of opportunity of *Liparis loeselii* populations during vegetation succession on the Wadden Sea islands. *Journal of Coastal Conservation*. doi: 10.1007/s11852-016-0448-6

10. Rohani, S, Bikila Dullo, Wilmer Woudwijk, Pieter de Hoop & Ab Grootjans (2014) Accumulation rates of soil organic matter in wet dune slacks on the Dutch Wadden Sea Island. *Plant and Soil*, 380(1-2): 181-191
11. Nizam, M.S, Rohani, S and Wan Juliana W.A (2012) Floristic variation of tree communities in two distinct habitats within a Forest Park in Pahang, Peninsular Malaysia. *Sains Malaysiana*, 41 (1): 1-10

Conference Publication

1. Rohani, S., Jamilah M. S., & Abdul Shukor, Y. (2017) Plant Diversity of Gelam Forest at Setiu Wetlands, Terengganu. In Daria, M. A., Muhammad Zaid, N., Norizan, M. M., & Wan Faridah Akmal, W. J. (Eds.). *Prosiding Seminar Ekspedisi Saintifik Tanah Bencah Setiu 2016*. Selangor, WWF-Malaysia. Pp: 70-77
2. Jamilah, M. S., Rohani, S. & Abdul Shukor, Y (2017) Preliminary survey for fire occurrence on the BRIS Ecosystem of Setiu, Terengganu, during extended drought. In Daria, M. A., Muhammad Zaid, N., Norizan, M. M., & Wan Faridah Akmal, W. J. (Eds.). *Prosiding Seminar Ekspedisi Saintifik Tanah Bencah Setiu 2016*. Selangor, WWF- Malaysia. Pp: 54-60

Other Outputs

[Thesis, manuscript, books, reports, etc.]

1. Rohani Shahrudin & Teh Ai Lim (2018) *Parasitic Plants at the Coastal of Setiu, Terengganu: Distribution and Its Association with Host Trees in Greater Kenyir: Landscapes, Social Development & Environmental Sustainability*. Springer International Publishing.
2. Faridah Mohamad, Jamilah Mohd Salim, Jarina Mohd Jani & Rohani Shahrudin. (2015) *Setiu Wetlands: Species, Ecosystems and Livelihoods*. Penerbit UMT, Kuala Terengganu
3. Jamilah Mohd Salim, Faridah Mohamad & Rohani Shahrudin (2015) *Setiu: More than a Wetland*. In: Faridah Mohamad, Jamilah Mohd Salim, Jarina Mohd Jani and Rohani Shahrudin (Eds.), *Setiu Wetlands: Species, Ecosystems and Livelihoods*. Penerbit UMT, Kuala Terengganu. pp: 87-100
4. Grootjans AP, Stuyfzand PJ, Oostermeijer G, Nijssen M, Wouters B, Rohani S & Kooijman AM (2014) *Ontwikkeling van zoet-zout gradienten, met en zonder dynamisch kustbeheer (Development of fresh-salt gradients, with and without dynamic coastal management)*. OBN report. Bosschap, Driebergen

SUPERVISION

Master Degree

Thesis Title : Ecology and genetic study of ant-plant, *Hydnophytum formicarum*, in Pulau Telaga Tujuh, Setiu

Student Name : Abdul Shukor Bin Yusoff
Role : Main Supervisor
Status : Completed

Thesis Title : The distribution of aquatic macrophytes and their effects on water quality and sedimentation rate in Tasik Berombak, Setiu, Terengganu

Student Name : Choe Jia Yi
Role : Main Supervisor
Status : On-going

COURSE TAUGHT

- Taxonomy and Systematic of Organism
- Plant Biology and Diversity
- Tropical Ecosystem
- Principle of Ecology
- Field Ecology
- Dendrology

LINKS

- SCOPUS: 57189594180
- WoS
- Researchgate
- Academia.edu
- LinkedIn
- LiveDNA
- ORCID: 0000-0002-6654-9552
- Google Scholar: Rohani, S
- Facebook