






# SALWA SHAHIMI

Lecturer  
Faculty of Science and Marine Environment  
Universiti Malaysia Terengganu

 salwa.shahimi@umt.edu.my  
 +609 668 3205  
 +609 668 3193

## QUALIFICATIONS

- Doctor of Philosophy (Biological Sciences), University of Reading, UK
- Master of Science (Management in Plant Genetic Resources), Universiti Kebangsaan Malaysia
- Bachelor of Science (Ecology and Biodiversity), Universiti Malaya

## FIELD OF RESEARCH

- Plant taxonomy (rattan)
- Plant anatomy
- Forest Ecology

## RESEARCH INTEREST

The Malaysian rainforest is a vast ecology with incomplete exploration particularly for rattan, vines, palms and ferns. With enthusiasm to upkeep checklists, mapping and provide systematic records for inventories, I find myself reaching out to endless opportunities on molecular approaches, diversity statistics as well as classic taxonomy approach for rattan, palms and ferns.

## EXPERT LINKAGES

- University of Reading, UK
- Royal Botanic Garden, Kew
- Forest Research Institute Malaysia

## PROFFESIONAL MEMBERSHIP

- British Ecological Society

## GRANTS

Project : Molecular phylogeny and bioprospecting of *Adiantum* L.  
Position : Member  
Grant : Fundamental Research Grant Scheme (FRGS - RACER)  
Name  
Status : Active  
Amount : RM51200

Project : Analysis of Pharmacovigilance Using ITS2-RFLP Markers for Rapid Identification of Herbal Substance in Medicinal Products.  
Position : Member  
Grant : Fundamental Research Grant Scheme (FRGS)  
Name  
Status : Active  
Amount : RM164250

## PUBLICATIONS

### Journal Article

1. Noraini, T., Ruzi, A. R., Ismail, B. S., Ummu Hani, B., Sahimi, S., & Azeyanty, J. A. (2016). Petiole vascular bundles and its taxonomic value in the tribe Dipterocarpeae (Dipterocarpaceae). *Sains Malaysiana*, 45(2): 247-253.
2. Shahimi, S., Salam, R., Salim, J., and Ahmad, A. (2019). Species richness of riparian vegetation after three decades of Kenyir dam establishment. *Data in Brief*, 25, 104045. DOI: [10.1016/j.dib.2019.104045](https://doi.org/10.1016/j.dib.2019.104045)
3. Shahimi, S., Conejero, M., Prychid, C. J., Rudall, P. J., Hawkins, J. A., and Baker, W. J. (2019). Taxonomic revision of the myrmecophilous species of the rattan genus *Korthalsia* (Arecaceae). *Kew Bulletin*, 74(4): 69. DOI: [10.1007/s12225-019-9854-x](https://doi.org/10.1007/s12225-019-9854-x)
4. Nelson, B. R., Mazrul, A. M., Wong, C. and Shahimi, S. (2020). Forest birds as diversity indicator in suburban and residential areas. *Ecofeminism and Climate Change*, 1(1): 57-62. DOI: [10.1108/EFCC-03-2020-0007](https://doi.org/10.1108/EFCC-03-2020-0007).
5. Jamilah, M. S., Lee, G. E., Salam, M. R., Shahimi, S., Pesiu, E., Jani, J. M., ... & Mohamad, F. (2020). A checklist of vascular plants and uses of some species for livelihood-making in Setiu Wetlands, Terengganu, Malaysia. *PhytoKeys*, 160: 7–43. DOI: [10.3897/phytokeys.160.52946](https://doi.org/10.3897/phytokeys.160.52946)
6. Pati, S., Chatterji, A., Dash, B. P., Raveen Nelson, B., Sarkar, T., Shahimi, S., ..... & Acharya, D. (2020). Structural Characterization and Antioxidant Potential of Chitosan by  $\gamma$ -Irradiation from the Carapace of Horseshoe Crab. *Polymers*, 12(10): 2361. DOI: [10.3390/polym12102361](https://doi.org/10.3390/polym12102361)
7. Pati, S., Jena, P., Shahimi, S., Nelson, B. R., Acharya, D., Dash, B. P., & Chatterji, A. (2020). Characterization dataset for pre-and post-irradiated shrimp waste chitosan. *Data in brief*, 32, 106081. DOI: [10.1016/j.dib.2020.106081](https://doi.org/10.1016/j.dib.2020.106081)

8. Sastraprawira, S. M., Razak, I. H. A., Shahimi, S., Pati, S., Edinur, H. A., John, A. B., ... & Chowdhury, A. J. K. (2020). A review on introduced *Cichla* spp. And emerging concerns. *Heliyon*, 6(11), e05370. DOI: [10.1016/j.heliyon.2020.e05370](https://doi.org/10.1016/j.heliyon.2020.e05370)
9. Pati, S., Shahimi, S., Atan Edinur, H., Acharya, D., Dash, B. P., & Nelson, B. R. (2020). Extraction of people's perception towards horseshoe crab existence in northeast India. *Frontiers in Marine Science*, 7, 924. DOI: [10.3389/fmars.2020.587335](https://doi.org/10.3389/fmars.2020.587335)

### Other Outputs

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

1. Shahimi, S. (2018). Systematics and evolution of the rattan genus *Korthalsia* Bl. (Arecaceae) with special reference to domatia. PhD dissertation, University of Reading.
2. Shahimi, S. (2011). Kajian anatomi dan mikromorfologi daun genus *Vatica* dan *Upuna* (Dipterocarpaceae) di Semenanjung Malaysia. MSc dissertation. Universiti Kebangsaan Malaysia.
3. Shahimi, S. (2009). Kajian mikromorfologi ke atas spesies-spesies *Alpinia* yang terpilih. BSc dissertation. Universiti Malaya.

### COURSE TAUGHT

- Plant Diversity (BDV3004); Taxonomy and Systematic Organisms (BDV3000); Evolution and Biodiversity (BIO3000), (Undergraduate), UMT

### LINKS

- SCOPUS (<https://www.scopus.com/authid/detail.uri?authorId=57209076927>)
- Researcher Id: [A-5352-2019](https://orcid.org/0000-0003-4722-4813)
- Researchgate ([https://www.researchgate.net/profile/Salwa\\_Shahimi2](https://www.researchgate.net/profile/Salwa_Shahimi2))
- ORCID (<https://orcid.org/0000-0003-4722-4813>)
- Google Scholar ([https://scholar.google.com/citations?hl=en&user=g5oIY3YAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=g5oIY3YAAAAJ&view_op=list_works&sortby=pubdate))
- Publons (<https://publons.com/researcher/1802649/salwa-shahimi/>)