



JARINA MOHD JANI

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QUALIFICATIONS

- Doctor of Philosophy (Human Geography), University of Edinburgh, UK.
- Master of Environmental Management, Universiti Kebangsaan Malaysia, Malaysia.
- B.A Hons (Social and Economic Administration), Université de Tours, France.

FIELD OF RESEARCH

- Community-based natural resources management
- Sustainable livelihoods of coastal communities
- Human dimensions of environmental management and conservation

RESEARCH INTEREST

After years of working on various projects that involved environmental management and nature conservation with all levels of stakeholders - from international agencies to national policy makers, down to local communities - I decided to join the academia in 2005 with hope to contribute towards closing the gap that I found to exist between what is called “real” sciences and social sciences in these important fields.

Since then, my work has concentrated on the application of social science in biodiversity-related research to support sensitive ecosystem management and sustainable development. I have experience and ongoing research interests in Ecosystems Management and Sustainable Livelihoods in coastal areas as well as in Marine Protected Areas, focusing on human ecology, biodiversity conservation, and societal benefits. My role in the Faculty of Science and Marine Environment of Universiti Malaysia Terengganu is to promote and assist in the integration of social sciences in tropical biodiversity researches, with hope to one day see a strong community of tropical biodiversity conservation social scientists established in Malaysia.

RESEARCH PROJECTS

- Sustainable use of natural resources in Setiu Wetlands (NRGS)
- Mek Flora: Social entrepreneurship programme for Setiu Wetlands' wild flora users
- Scylla Setiu: Sustainable use of mud crab resources in Setiu Wetlands
- Mapping Mersing
- Human dimensions of sea turtle management in South China Sea

EXPERT LINKAGES

- HERIOT-WATT UNIVERSITY, UK
- UNIVERSITY OF EDINBURGH, UK
- SCIENCES-POLITIQUE LILLE, FRANCE
- UNIVERSITI MALAYA

PROFFESIONAL MEMBERSHIP

- Society of Conservation Biology
- International Sea Turtle Society

GRANTS

Project : Elucidating the human-sea turtle interactions in the Terengganu coastal areas to ensure sustainable coastal community livelihood and marine endangered species preservation.

Position : Leader

Grant Name : Research Acculturation Collaborative Effort (KPM)

Status : Completed

Amount : RM50,000.00

Project : Elucidating The Use Of Natural Resources For Livelihood-Making Among The Local Communities Of Setiu Wetlands

Position : Leader

Grant Name : Niche Research Grant Scheme (KPM)

Status : Completed

Amount : RM41,700.00

Project : Setiu Flora Women Social Entrepreneurship
Position : Leader
Grant Name : Translational Research Grant (UMT)
Status : Completed
Amount : RM 138,000.00

Project : Scylla Setiu: Sustainable Use and Community-based Conservation of Mud Crab Resource
Position : Leader
Grant Name : Pembangunan Sumber Manusia dan Produk Setiu Wetlands
Status : Ongoing
Amount : RM 50,000.00

AWARDS

- E-Learning Award for Best Massive Open Online Course (MOOC) by International Carnival on e-learning (IUCEL 2018)
- Bronze Award for Massive Open Online Course (MOOC) by AIPP 2018

RECENT PUBLICATIONS

Journal Article

1. Jamilah MS, Lee GE, Salam MR, Shahimi S, Pesiu E, Mohd Jani J, Horsali NAI, Shahrudin R, Nor SMM, Chong JL, Mohamad F, Raffi A, Nikong D (2020) A checklist of vascular plants and uses of some species for livelihood-making in Setiu Wetlands, Terengganu, Malaysia. *PhytoKeys* 160: 7-43. <https://doi.org/10.3897/phytokeys.160.52946>
2. Mohd Jani, J., Jamalludin, M. A., & Long, S. (2019). To ban or not to ban? Reviewing an ongoing dilemma on sea turtle egg trade in Terengganu, Malaysia. *Frontiers in Marine Science*, 6, 762. <https://doi.org/10.3389/fmars.2019.00762>
3. Mohd Jani, J., Shahrudin, R., Chan, A. A., Ismail, M. N., Bahrin, B., & Jamaludin, S. (2019). Pulau Sibul scientific expedition: Connecting the land and the sea for biodiversity management of a Marine Park island. *Malayan Nature Journal*, 71(3), 277-284
4. Mohd Jani, J., Abdullah, N., & Badrul zaman, N. S. A. (2019). Exploring the potential of Pulau Sibul as Tongkat Ali (*Eurycoma longifolia*) sanctuary for conservation and local community livelihood. *Malayan Nature Journal*, 71(3), 373-379.
5. Mohd Jani, J., Jamalludin, M. A., & Azmi, N. A. (2019). A preliminary investigation of human-wild boar (*Sus scrofa*) conflict in Pulau Sibul, Johor. *Malayan Nature Journal*, 71(3), 367-372.

Other Outputs

1. Mohd Jani, J. (2020). The Status of Artisanal Fish Aggregating Devices in Southeast Asia. In Bortone, S.A., & Otake, S. *Modern Fisheries Engineering: Realizing a Healthy and Sustainable Marine Ecosystem* (1st ed.). CRC Press.
<https://doi.org/10.1201/9780429328039>
2. Mohd Jani, J., Olson, E. & Patenaude. (2018). Re-Exploring the Application of Artificial Reefs for Community-Based Fishery Management in Malaysia. In Bortone, S. A. *Marine Artificial Reef Research and Development: Integrating Fisheries Management Objectives*. American Fisheries Society Symposium. Vol. 86. Bethesda, Maryland.

SUPERVISION

Doctor of Philosophy Degree

Thesis Title : Human dimensions of sea turtle conservation in Terengganu Marine Parks

Student Name : Long Seh Ling

Role : Main Supervisor

Status : In Progress

Thesis Title : Terengganu's medicinal plants landscape since 1980s

Student Name : Rohani Christine Longuet Abdullah

Role : Main Supervisor

Status : In Progress

Thesis Title : Evaluating Setiu Wetlands As Terengganu State Park Based On Mangroves Vegetation Dynamics, Fauna Composition And Socioecological Assessments

Student Name : Nur Hannah Abd Rahim

Role : Co-Supervisor

Status : In Progress

Master Degree

Thesis Title : Current Perspectives of Sea Turtle Egg Trade in Terengganu
Student Name : Muhamad Allim Jamalludin
Role : Main Supervisor
Status : Graduated

Thesis Title : Utilisation of Wild Mushrooms for Food And Medicine by Indigenous Communities in Kelantan and Terengganu
Student Name : Harizah Nadiyah Hamzah
Role : Co-Supervisor
Status : Graduated

Thesis Title : Mapping the Local Ecological Knowledge and Utilisation of Three Flora Species of Setiu Wetlands
Student Name : Nur Amira Izzaty Horsali
Role : Main-Supervisor
Status : In Progress

COURSE TAUGHT

- Ethnobotany (BDV4701)
- Conservation Biology (BDV3700)
- Wildlife Management (BDV3701)
- Tropical Ecosystems (BDV3702)
- Biodiversity Resources Valuation (BDV3703)
- Landuse Planning (BDV4704)
- Human and Environment (MMS3001)
- Environmental Impact Assessment (MMS4001)
- Environment - Issues and Global Perspective (MMS3003)

LINKS

- SCOPUS: <https://www.scopus.com/authid/detail.uri?authorId=57214234442>
- WoS: <https://publons.com/researcher/1881170/jarina-mohd-jani/>
- Researchgate: <https://www.researchgate.net/profile/Jarina-Mohd-Jani>
- Academia.edu: <https://terengganu.academia.edu/JarinaJani>
- ORCID: <https://orcid.org/0000-0002-2126-7025>

OTHERS

- Editorial Board of Indian Ocean Turtle Network

JOURNAL REVIEWER

- Journal of Global Ecology and Conservation
- Regional Studies in Marine Sciences
- The Extractive Industries and Society
- Serangga
- Journal of Sustainability Science and Management
- Journal of Aquaculture and Fisheries