



DR. ABDULMAULA HAMZA

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QUALIFICATIONS

- Doctor of Philosophy (Marine Ornithology), The University of Hull, UK
- Master of Research (Biodiversity and Conservation), University of Leeds, UK
- Master of Science (Zoology), University of Tripoli, Libya
- Bachelor of Science (Zoology), University of Tripoli, Libya

FIELD OF RESEARCH

- Conservation Biology of Marine Vertebrates.
- Breeding Biology of Seaturtles/ Seabirds.
- Impact of anthropogenic factors (bycatch, poaching and pollution) on Marine Fauna.

RESEARCH INTEREST

I came to the UMT with ambition to continue my research on marine vertebrates, with special interest in endangered species, such as Seabirds, Sea turtles and Sharks. After deep look in Literature I have found that Sea Turtle research is quite advanced in Malaysia, but very little is known on both Seabirds and Sharks status. Since 2015 I have started with other colleagues and students a systematic surveys on sites that still hosting breeding populations of seabirds, and so far we have updated the status of those birds (mainly Terns) in several locations in Perhintian, Redang, Bidong islands in Terengganu. This year I have got two small grants to survey and document breeding and migratory seabirds from Tioman and Tinggi islands in Pahang and Johor states respectively. Furthermore I won another small grant to check the status of seabirds in Pulau Perak in the Indian Ocean. For Shark research my students are documenting landings of Sharks and Rays in Kuala Terengganu after recent increase in their landing, which may cause threat to some species.

RESEARCH PROJECTS

- Helmeted hornbill *Rhinoplax vigil* assessment at Greater Kenyir landscape (2019-2021)
- Breeding biology of Little Tern *Sternula albifrons* in Terengganu (2017-2022)
- Seabirds of Tioman smaller islands: Update and Awareness project (Malaysian Nature Society 2017- 2018)
- Updating the status and distribution of Seabirds in Pulau Tinggi-Pulau Sibul small islands (JTL small grant: 2017).
- Seabirds of Setiu Sea: Diversity and Distribution (NRGS Grant 2015-2016) - completed.

SPECIAL INTEREST GROUP (SIG)

- Microplastic Research Interest Group
- Wetlands Special Interest Group

EXPERT LINKAGES

- Malaysian Nature Society
- Jabatan Taman Laut (Marine Parks Malaysia)
- Society of Conservation Biology (Malaysia Chapter Founding member).
- East Asian Australasian Flyway Partnership- Expert in Seabirds Working Group.
- The University of Hull- Institute of Estuarine and Coastal Studies (Affiliate)

PROFFESIONAL MEMBERSHIP

- EAAF Swabird Working Group (member).
- Malaysian Nature Society (Committee member, Terengganu Branch).
- Malaysian Bird Conservation Council (member).
- Society of Conservation Biology Malaysia.
- Pacific Seabird Group.
- Medmaravis (Council member).
- IUCN Flamingo Specialist Group.
- IUCN World Commission Protected Areas.
- IUCN Marine Turtle Specialist Group.
- Small Islands Initiative in the Mediterranean (PIM, Scientific Comm. member)

GRANTS

Project : Diversity of Seabirds at Layang
Layang island
Position : Project Leader
Grant : East Asian
Name : Australasian Flyway
Partnership
Status : Active
Amount : RM20,000

Project : Seabird status in Pulau Perak,
Kedah
Position : Project Leader
Grant : Pacific Seabird Group
Name :
Status : Active
Amount : RM10,000

Project : Breeding and Migratory Seabirds of Pulau Tioman smaller islands,
Pahang
Position : Project Leader
Grant : Malaysian Nature Society
Name :
Status : Completed
Amount : RM14,000

Project : Biodiversity of Breeding and Migratory Seabirds of Pulau Sibul
smaller
islands, Johor
Position : Project Leader
Grant : Marine Parks Malaysia
Name :
Status : Completed
Amount : RM2,000

Project : Seabirds of Setiu Sea- Diversity and
Distribution Position : Project Leader
Grant Name : Niche Research Grant Scheme, Ministry of Higher Education,
Malaysia
Status : Completed
Amount : RM20,000

PUBLICATIONS

Journal Article

1. **HAMZA**, A., Khir, M.A.M., Rusli, U., and Y.S. Ibrahim (2020) Microplastic Occurrence in Seaturtle Nesting Beach Sediments from Terengganu, Malaysia. *Journal of Green Engineering* 10(9): 5712–5729. Alpha Publishers. <https://tinyurl.com/yabzbx6w>
2. **HAMZA**, A., & Ho, W. C. (2020). Updates on seabirds of the northern Seribuat Islands, Pahang, Malaysia. *Marine Ornithology*, 48, 1-7.
3. **HAMZA**, A., I. M. Abdullah and M. Tajuddin (2019). "Results of a seabird survey at the southern Seribuat Archipelago, Johor, Malaysia." *Marine Ornithology* 47(1): 49-53.
4. **HAMZA**, A., David, G., McAfee, A., M.T., Abdullah (2018). "Annotated Checklist of Avifauna in Pulau Bidong, Malaysia." *Journal of Sustainability Science and Management* 13(1): 105-118.
5. Clusa, M., Carreras, C., Cardona, L., Demetropoulos, A., Margaritoulis, D., Rees, A.F., **HAMZA**, A.A., Khalil, M., Levy, Y., Turkozhan, O. and Aguilar, A. (2018). "Philopatry in loggerhead turtles *Caretta caretta*: beyond the gender paradigm." *Marine Ecology Progress Series* 588: 201-213.
6. **HAMZA**, A., N. Baccetti, J. Sultana, J. Yahia, M. Zantello, A. De Faveri, N. Cutts, J. Borg, H. Azafzaf and P. Defos du Rau (2017). "Migration flyway of the Mediterranean breeding Lesser Crested Tern *Thalasseus bengalensis emigratus*." *Ostrich* 88(1): 53-58.
7. David, G., A. Roslan, E. Pesiu, M. R. Salam, M. T. Abdullah, A. A. **HAMZA** and R. Clements (2017). Bird Sanctuary: A Potential Ecotourism Activity in Lake Kenyir, Terengganu. *ECOTOURISM POTENTIALS IN MALAYSIA*, UPM: 30.
8. David, G., Roslan, A., Mamat, M.A., **HAMZA**, A., M.T., Abdullah (2017). "An Annotated Checklist of Migratory Birds in Kenyir, Setiu and Pulau Perhentian Besar, Terengganu, Malaysia." *Journal of Sustainability Science and Management* 12(2): 135-160.
9. Monsinjon, J., I. Jribi, A. **HAMZA**, A. Ouerghi, Y. Kaska and M. Girondot (2017). "Embryonic growth rate thermal reaction norm of Mediterranean *Caretta caretta* embryos from two different thermal habitats, Turkey and Libya." *Chelonian Conservation and Biology*.
10. Dufour, P., Pons, J. M., Collinson, J. M., **HAMZA**, A. A, Gernigon, J., Dies, J. I., Sourrouille, P., & Crochet, P. A. (2017). Multilocus barcoding confirms the occurrence of Elegant Terns in Western Europe. *Journal of Ornithology*, 158(2), 351-361.
11. Collinson, J. M., Dufour, P., **HAMZA**, A. A., Lawrie, Y., Elliott, M., Barlow, C., & Crochet, P. A. (2017). When morphology is not reflected by molecular phylogeny: the case of three 'orange-billed terns' *Thalasseus maximus*, *Thalasseus bergii* and *Thalasseus bengalensis* (Charadriiformes: Laridae). *Biological Journal of the Linnean Society*, 121(2), 439-445.
12. **HAMZA**, A., Yahia, J., Baccetti, N., Sultana, J., Defos du Rau, P., Etayeb, K., Azafzaf, H., Defaveri, A., Bourass, E., Zanatello, M., Cutts, N., Borg, J., and M. Elliot (2016) Migration Flyway of the Mediterranean Breeding Lesser Crested Tern *Thalasseus bengalensis emigratus* . *Ostrich (In Press)*.

13. **HAMZA**, A. Hoo, W. and A. Ahmad (2016) Pulau Ling: An Important Seabird hotspot on the East Coast of Peninsular Malaysia. *Asia-Pacific Biodiversity Journal* (in press) Available online 7 May 2016, <http://www.sciencedirect.com/science/article/pii/S2287884X16300346>
14. **HAMZA**, A. Hoo, W. and A. Ahmad (2016). Rediscovery of least known breeding sites for seabirds in East Coast Peninsular Malaysia. *Malayan Nature Journal*, 68(4), 121- 129.
15. **HAMZA**, A. and J. Yahia (2014) First documented record of Semi-collared Flycatcher *Ficedula semitorquata* for Libya. *ABC Bulletin* 21(1) pp 83 - 85.
16. Smart, M., Essghaier, M. F., Etayeh, K., **HAMZA**, A., Azafzaf, H., Baccetti, N., Dlensi, H. (2013). Wetlands and wintering waterbirds in Libya, January 2005 and 2006. *Wildfowl*, 56(56), 172-191.
17. Yahia, J. and A. **HAMZA** (2011) Spread of Eurasian. Collared Dove *Streptopelia decaocto* in Libya and first breeding in. Tripolitania. *Dutch Birding* 33: 248-250.
18. Azafzaf, Baccetti, N., Defos du Rau, P., Dlensi, H., Essghaier, M.F., Etayeb, K.S., **HAMZA**, A. & Smart, M. (2006) Wetlands and wintering water birds in Libya in January 2005 and 2006. *Wildfowl* 56, 172–191.
19. Azafzaf H, Baccetti N, Defos du Rau P, Dlensi H, Essghaier MFA, Etayeb K, **HAMZA**, A & Smart M (2005): Wintering Cormorants in Libya. *Wetlands International Cormorant Research Group Bulletin* No. 6. 46-48.
20. **HAMZA**, A. 2001 The European Bee-eater *Merpos apiaster* (Article in Arabic). *ALBEEA*. Vol.1 (3) Environment General Authority –Libya.

Conference Publication

1. **HAMZA**, A. Hoo, W. and A. Ahmad (2015) Rediscovery of least known breeding sites for seabirds in East Coast Malaysia. *Proceedings of the International Science & Nature Congress (ISNaC): 21-23 September 2015*, Kuala Lumpur.
2. **HAMZA**, A., Handley, L. L., Elliott, M., Yahia, J., Azafzaf, H., & Kavanagh, B. (2015) Insights on the Population Genetics of Lesser Crested Tern *Thalasseus bengalensis*. 2nd Barcelona Convention Symposium on the Conservation of Marine and Coastal Birds in the Mediterranean. 20 - 22th February 2015, Hammamet, Tunisia

Other Outputs

1. **HAMZA**, A., (2014) Breeding Ecology, Migration and Population Genetics of Lesser Crested Terns *Thalasseus bengalensis emigratus*. PhD Thesis. University of Hull. Pp 144.
2. Azafzaf H, Baccetti N, Defos du Rau P, Dlensi H, Essghaier MFA, Etayeb Kh, **HAMZA**, A & Smart, M. (2007) Report on an Ornithological Survey in Libya. *EGA-AEWA-RAC/SPA-MAP- UNEP*. Pp 43.

3. Azafzaf H, Baccetti N, Defos du Rau P, Dlensi H, Essghaier MFA, Etayeb Kh, **HAMZA** A & Smart M (2006) Report on an Ornithological Survey in Libya. EGA-AEWA-RAC/SPA-MAP-UNEP. Pp 52.
4. **HAMZA**, A. (2005) Overview on marine and coastal birds of Libya. The first Mediterranean Symposium on marine birds. Villanova ila Giltru, 17-19Nov.2005, SPAIN.
5. Azafzaf H, Baccetti N, Defos du Rau P, Dlensi H, Essghaier MFA, Etayeb K, **HAMZA**, A & Smart M (2005) Report on an Ornithological Survey in Libya. EGA-AEWA- RAC/SPA-MAP-UNEP. Pp 94.

SUPERVISION

PhD Degree

Thesis Title : Diversity of Spiders in Northwest Libya

Student Name : Housamedin Elkrew

Role : Co-supervisor

Status : On-going

Master Degree

Thesis Title : Spatial Diversity of Avifauna Assemblages in Kenyir Dipeterocarp Forest and Setiu Wetlands, Terengganu.

Student Name : Gertrude David

Role : Co-supervisor

Status : Completed

COURSE TAUGHT

- Biology and Ecology of Marine Fishes (Undergraduate), UMT
- Marine Biodiversity Conservation (MMB43000), (Undergraduate), UMT
- Principals of Ecology (BDV2114), (Undergraduate), UMT
- Environmental Global Issues and Perspectives (MS2123), (Undergraduate), UMT
- Environment and Development (MMS 3002), (Undergraduate), UMT
- Ichthyophysiology (FIS3101), (Undergraduate), UMT
- Marine Ecology (*MMB4301*)-(Undergraduate), UMT
- Final Year Project supervisor (MMB4998, BDV4999), (Undergraduate), UMT

LINKS

- Researchgate
https://www.researchgate.net/profile/Abdulmaula_Hamza/contributions
- Academia.edu <https://terengganu.academia.edu/AbdulmaulaHAMZA>
- LinkedIn <https://www.linkedin.com/in/abdulmaula-hamza-7037a525/>
- ORCID0000-0001-7800-7059
- Google Scholar <https://scholar.google.com/citations?user=Gm1AiVwAAAAJ&hl=en>