Marine Research Centre Journal Publications:

2026

Maoze D, Buschmann J, Chechene A, Beuningen D and Lebrato M (2026) **Two decades of citizen science reveal spatial biases and conservation gaps for elasmobranchs along the Mozambican coast**. Front. Mar. Sci. 13:1804041. doi: 10.3389/fmars.2026.1804041 https://www.frontiersin.org/journals/marine-science/articles/10.3389/fmars.2026.1804041/full

Keeping, J. A., Caine, A., Hopkins, C., Bailey, D., & Chin, A. (2026). **The distribution of a rarely encountered stingray, Megatrygon microps, informed by citizen science: A systematic review.** Conservation Science and Practice, e70264. https://doi.org/10.1111/csp2.70264

Jule Buschmann, Awantha Dissanayake, Jaime S. Davies, Amelia Bridges, Jennifer A. Keeping, **Multi-scale use of cleaning stations by manta rays in Mozambique: Insights from remote underwater video surveillance**, Marine Environmental Research, Volume 218, 2026, 107962, ISSN 0141-1136, https://doi.org/10.1016/j.marenvres.2026.107962

2025

Botterell ZLR, Ardren J, Dove E, McArthur E, Addison DS, Reeve-Arnold KE et al. (2025) **A global assessment of microplastic abundance and characteristics on marine turtle nesting beaches.** *Marine Pollution Bulletin* Vol. 215. doi: 10.1016/j.marpolbul.2025.117768 https://www.sciencedirect.com/science/article/pii/S0025326X25002437?via%3Dihub

All out Africa contributed with data:
Jones, D.M., Potts, J. & Hale, M.S. **The potential contribution of citizen science data in the study of coastal microplastic and mesoplastic distributions**. Environ Monit Assess 197, 936 (2025). https://doi.org/10.1007/s10661-025-14354-2

2024

Buschmann J, Roques KG, Davies JS, Dissanayake A, Keeping JA (2024) **Novel approach to studying marine fauna: using long-life remote underwater video cameras to assess occurrence and behaviour of threatened and data-deficient elasmobranch species in southern Mozambique.** *Frontiers in Marine Science. doi*: 10.3389/fmars.2024.1518710 https://www.frontiersin.org/journals/marine-science/articles/10.3389/fmars.2024.1518710/full

2021

Kelcher H, Reeve-Arnold K, Schreiner KM, Bargu S, Roques K, Errera R (2021) **Domoic acid and pseudo-nitzchia spp. Connected to coastal upwelling along coastal Inhambane province, Mozambique: A new area of concern**. *Toxins* 13(12):903. doi: 10.3390/toxins13120903
https://www.mdpi.com/2072-6651/13/12/903

Keeping JA, Reeve-Arnold KE, Zan, Bailey DM (2021) **Trends in the sightings of the stingrays in southern Mozambique.** *Marine and Freshwater Research* 72:1-14. doi: 10.1071/MF21013
https://eprints.gla.ac.uk/267895/2/267895.pdf

Pottie S, Flam A, Keeping JA, Chivindze C, Bull J (2021) **Quantifying the distribution and site fidelity of a rare, non-commercial elasmobranch using local ecological knowledge.** *Ocean and Coastal Management* 212. doi: 10.1016/j.ocecoaman.2021.105796
https://eprints.gla.ac.uk/267893/

2020

Reeve-Arnold KE, Keeping JA, Cockroft V, Guissamulo A (2020) **New strandings of True's beaked whale, Mesoplodon mirus, in Mozambique and their destiny as marine bushmeat.** *WIO Journal of Marine Science* 19(2)2020: 167-173. doi: 10.4314/wiojms.v19i2.12 https://www.ajol.info/index.php/wiojms/article/view/198316

2019

Keeping JA, Reeve-Arnold KE, Burns NM, Catarina N, Bailey DM, McNeill D (2019) **Computer-aided photo-identification of a rare stingray, *Megatrygon microps*.** *Journal of Fish Biology* 2020: 1-5. doi: 10.1111/jfb.14242#
https://eprints.gla.ac.uk/208193/7/208193.pdf

2018

Prebble CEM, Rohner CA, Pierce SJ, Robinson DP, Jaidah MY, Bach SS, Trueman CN (2018) **Limited latitudinal ranging of juvenile whale sharks in the Western Indian Ocean suggests the existence of regional management units.** *Marine Ecology Progress Series* 601:167-183. doi: 10.3354/meps12667
https://www.researchgate.net/publication/326926294_Limited_latitudinal_ranging_of_juvenile_whale_sharks_in_the_Western_Indian_Ocean_suggests_the_existence_of_regional_management_units

Norman B, et al. (2018) **Undersea constellations: The global biology of an endangered marine megavertebrate further informed through citizen science.** *Bioscience* 67(12): 1029-1043. doi: 10.1093/biosci/bix127
https://www.researchgate.net/publication/321372466_Undersea_Constellations_The_Global_Biology_of_an_Endangered_Marine_Megavertebrate_Further_Informed_through_Citizen_Science

Rohner CA, Richardson AJ, Jaine FRA, Bennett MB, Weeks SJ, Cliff G, Robinson DP, Reeve-Arnold KE, Pierce SJ (2018) **Satellite tagging highlights the importance of productive Mozambican coastal waters to the ecology and conservation of whale sharks.** *PeerJ*, doi: 10.7717/peerj.4161
https://peerj.com/articles/4161/

2017

Williams JL, Pierce SJ, Rohner CA, Fuentes MMPB and Hamann M (2017) **Spatial Distribution and Residency of Green and Loggerhead Sea Turtles Using Coastal Reef Habitats in Southern Mozambique.** *Frontiers in Marine Science* 3:288. doi: 10.3389/fmars.2016.00288
https://www.frontiersin.org/journals/marine-science/articles/10.3389/fmars.2016.00288/full

2015

Rohner C.A., Richardson A.J., Prebble C.E.M., Marshall A.D., Bennett M.B., Weeks S.J., Cliff G., Wintner S.P., Pierce S.J. (2015). **Laser photogrammetry improves size and demographic estimates for whale sharks.** *PeerJ* 3:e886. doi: 10.7717/peerj.886
https://peerj.com/articles/886/

Williams J.L., Pierce S.J., Fuentes M.M.P.B. and Hamann M. (2015). **Effectiveness of recreational divers for monitoring sea turtles.** *Endangered Species Research* 26: 209-219. (**51** in AOA research series).
https://www.researchgate.net/publication/271509903_Effectiveness_of_recreational_divers_for_monitoring_sea_turtle_populations

2014

Haskell, P.J., McGowan, A., Westling, A., Mendez-Jimenez, A., Rohner, C., Collins, K., Rosero-Caicedo, M., Salmond, J., Monadjem, A., Marshal, A.D. & Pierce, S.J. (2014). **Monitoring the effects of tourism on whale shark *Rhincodon typus* behaviour in Mozambique.** *Oryx*, 49(03), 492-499.
https://www.researchgate.net/profile/Christoph-Rohner/publication/266853603_Monitoring_the_effects_of_tourism_on_whale_shark_Rhincodon_typus_behaviour_in_Mozambique/links/543d638a0cf2d6934ebcbe09/Monitoring-the-effects-of-tourism-on-whale-shark-Rhincodon-typus-behaviour-in-Mozambique.pdf

2013

Rohner C.A., Pierce S.J., Marshall A.D., Weeks S.J., Bennett M.B., Richardson A.J. (2013) **Trends in sightings and environmental influences on a coastal aggregation of manta rays and whale sharks.** *Marine Ecology Progress Series* 482:153-168 https://www.researchgate.net/publication/237067445_Trends_in_sightings_and_environmental_influences_on_a_coastal_aggregation_of_manta_rays_and_whale_sharks

2011

Rohner, C. A., Richardson, A. J., Marshall, A. D., Weeks, S. J. and Pierce, S. J. (2011). **How large is the world's largest fish? Measuring whale sharks Rhincodon typus with laser photogrammetry.** *Journal of Fish Biology*, 78: 378–385. doi: 10.1111/j.1095-8649.2010.02861.x https://www.academia.edu/95360011/How_large_is_the_worlds_largest_fish_Measuring_whale_sharks_Rhincodon_typus_with_laser_photogrammetry

2010

Rohner C.A., Pierce S.J., Marshall A.D., Weeks S.J., Bennett M.B., Richardson A.J. , 20(7), 782-788. https://biblioteca.biofund.org.mz/wp-content/uploads/2019/01/1548943992-F0966.Developing%20a%20Code%20of%20Conduct%20for%20whale%20shark%20interactions%20in%20Mozambique.pdf

Marine Research Centre Conference Presentations:

2021

Keeping J.A., Bailey D.M. (2021). **The stingrays of southern Mozambique.** Presentation at: 6th Southern Africa Shark and Ray Symposium, Gansbaai, South Africa.

2019

Keeping J.A., Reeve-Arnold K.E., Bailey D.M., McNeill D. (2019). **Defining the vital contribution of volunteers to data collection of little-known and rare stingrays.** Poster presentation at: 5th Southern Africa Shark and Ray Symposium, Cape Town, South Africa.

2018

Salek K., Reeve-Arnold K.E., Mumford K. (2018). **Tourism and Support for Marine Conservation in Tofo, Mozambique.** Poster presentation at: University of Wisconsin-Eau Claire.

2016

Williams J.L., Pierce S.J., Fuentes M.M.P.B., Hamann M. (2016). **Population Demographics from photo-identified Green and Loggerhead turtles from Mozambique.** Poster Presentation at: 36th International Sea-Turtle Symposium, Lima, Peru.

Reeve-Arnold K.E., Kinni J.J., Newbigging R.M., Marriot T.A., Westling A., Pierce S.J., Roques K.G. (2016) **Sustainable Whale Shark Tourism in a Diminishing Population.** Talk at: 4th International Whale Shark Conference, Doha, Qatar.

2015

Williams J.L., Pierce S.J., Fuentes M.M.P.B., Hamann M. (2015). **First results from Mozambique: Sea Turtle Population Demographics.** Poster Presentation. Western Indian Ocean Marine Science Association Biennial symposium 9, South Africa, October 2015.

Williams J.L. (2015). **First results of population demographics from citizen science collected photo identified Green and Loggerhead sea turtles from Mozambique.** Poster presentation in: Proceedings from the 35th International Sea Turtle Symposium, 19-24th April 2015, Dalaman, Turkey.

2013

Rohner C.A. (2013). **Residency and Movement of Whale Sharks in Mozambique.** Talk at: WIOMSA, Maputo, Mozambique.

Williams J.L. (2013). **Using citizen science to monitor sea turtles.** Poster Presentation in: WIOMSA 2013, Maputo, Mozambique.

Pierce S.J. (2013). **Residency and Movement of Whale Sharks in Mozambique.** Talk at: 3rd International Whale Shark Symposium, Atlanta, Georgia, USA.

Reeve-Arnold K.E., Newbigging R., Pierce S.J., Roques K.G. (2013) **Volunteer Citizen Science is a win-win for all if designed and monitored correctly.** Poster Presentation in: WIOMSA 2013, Maputo, Mozambique.