

Publications

Peer reviewed scholarship

- Bailey LA, Childs AR, James NC, **Duncan MI**, Pringle BA, Potts WM. 2025 Assessing individual physiological variability and future performance phenotypes is essential for predicting the resilience of fish populations to anthropogenic climate change. *Conservation Physiology* 13. DOI: [10.1093/conphys/coaf043](https://doi.org/10.1093/conphys/coaf043).
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- **Duncan MI**, Micheli F, Marques JA, Lowe CJ, Hamilton SL, Sperling EA. 2024. Temperature-dependent hypoxia tolerance of purple sea urchin *Strongylocentrotus purpuratus* across biogeography and ontogeny. *Marine Ecology Progress Series*, 739: 129-146. DOI: [10.3354/meps14602](https://doi.org/10.3354/meps14602).
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- Glass JR, Belle K, Berke G, Bodin N, Burt AJ, **Duncan MI**, Morgan SK, Pillay P, Talma S. 2022. Evaluating the feasibility of sustainable seafood labelling programmes in Small Island Developing States: A case study in Seychelles. *Frontiers in Marine Science*, DOI: [10.3389/fmars.2022.931407](https://doi.org/10.3389/fmars.2022.931407).
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Authored reports and proceedings

- **Duncan MI**, Antat S, Arrisol L, Bristol U, Harlay J, Laing S, Theresine P. 2025. The Inaugural Seychelles Marine Science Symposium – A platform to facilitate collaborative research moving forward. *Seychelles Research Journal*, 7(1): 73 – 86. DOI: <https://seychellesresearchjournal.com/current-issue-7-1/>
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- Rowlands GP, Meller L, Harlay J, Laing SCS, **Duncan MI**, Mortimer JA (eds). 2024. Biodiversity of the Owen Bank and the Western Mahe Plateau: Cruise Report – S/Y Rainbow Warrior.
- Murray TS, **Duncan MI**, Winkler AC, Childs A-R, Mann BQ, Potts, WM (eds). 2019. Linefish resilience in the Anthropocene: The Proceedings of the 5th Southern African Marine Linefish Symposium. DOI: [10.5281/zenodo.3959749](https://doi.org/10.5281/zenodo.3959749).
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Contributions to reports and proceedings

- **Duncan MI**. 2024. A new physiological model to forecast the climate response of linefish. In: Mann B, Murray T, Winkler A, Farthing M, Mann-Lang J, Farquhar M, Jordaan G, Childs A-R, Potts W (eds), *Fish, fishers and the future: Proceedings of the 6th Southern African Marine Linefish Symposium, 19-23 August 2024*. South African Network for Coastal and Oceanic Research Occasional Report No. 8. pp 101 - 102.
- Sink KJ, van der Bank MG, Majiedt PA, Harris LR, Atkinson LJ, Kirkman SP, Karenzi N (eds). 2019. *South African National Biodiversity Assessment 2018 Technical Report Volume 4: Marine Realm*. South African National Biodiversity Institute, Pretoria. South Africa. <http://hdl.handle.net/20.500.12143/6372>
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