

List of Publications

Mair, L., Butchart, S. H. M., Hawkins, F., Brooks, T., Jimenez, R., Macfarlane, N. B. W., Nello, T., Vergez, A., Curet, F., Dakmejian, A., Ellis, E., McGowan, P., Ridley, F., Ross, A., Sneary, M., Starnes, T., Stephenson, P.J., **Turner, J. A.**, & Bennun, L. (Submitted) Calibration of the Species Threat Abatement & Restoration metric's threat abatement component: a landscape-scale application in Costa Rica

Mair, L., Butchart, S. H. M., Hawkins, F., Brooks, T., Jimenez, R., Macfarlane, N. B. W., Nello, T., Vergez, A., Curet, F., Dakmejian, A., Ellis, E., McGowan, P., Ridley, F., Ross, A., Sneary, M., Starnes, T., Stephenson, P.J., **Turner, J. A.**, & Bennun, L. (Submitted) Conceptual framework for the implementation of the Species Threat Abatement & Restoration metric's threat abatement component

Dunnett, S., Muge, A., Ross, A., **Turner, J. A.**, Burgess, N. D., Jones, M., & Brooks, S. (2025). An update to the global Critical Habitat screening layer (p. 2025.04.01.646588). bioRxiv. <https://doi.org/10.1101/2025.04.01.646588>

Sonter, L. J., Nursamsi, I., Bennun, L., Graham, J., Maus, V., Rainey, H., Starkey, M., **Turner, J. A.**, Watson, J. E. M., & Prescott, G. W. (2025). Global land cover maps do not reveal mining pressures to biodiversity. *Scientific Reports*, 15(1), 22421. <https://doi.org/10.1038/s41598-025-01959-3>

Turner, J. A., Starkey, M., Dulvy, N. K., Hawkins, F., Mair, L., Serckx, A., Brooks, T., Polidoro, B., Butchart, S. H. M., Carpenter, K., Epps, M., Jabado, R. W., Macfarlane, N. B. W., & Bennun, L. (2024). Targeting ocean conservation outcomes through threat reduction. *Npj Ocean Sustainability*, 3(1), 4. <https://doi.org/10.1038/s44183-023-00040-8>

Pruckner, S., Bedford, J., Murphy, L., **Turner, J. A.**, & Mills, J. (2022). Adapting to heatwave-induced seagrass loss: Prioritizing management areas through environmental sensitivity mapping. *Estuarine, Coastal and Shelf Science*, 272, 107857. <https://doi.org/10.1016/j.ecss.2022.107857>

Doropoulos, C., Thomson, D. P., Trapon, M., Cresswell, A. K., **Turner, J. A.**, & Babcock, R. C. (2020). Depth gradients drive changes in early successional community composition and associated coral larvae settlement interactions. *Marine Biology*, 167(5), 59. <https://doi.org/10.1007/s00227-020-3670-6>

Bongaerts, P., Perez-Rosales, G., Radice, V. Z., Eyal, G., Gori, A., Gress, E., Hammerman, N. M., Hernandez-Agreda, A., Laverick, J., Muir, P., Pinheiro, H., Pyle, R. L., Rocha, L., **Turner, J. A.**, & Booker, R. (2019). Mesophotic.org: A repository for scientific information on mesophotic ecosystems. *Database*, 2019, baz140. <https://doi.org/10.1093/database/baz140>

Turner, J.A (2019). *Spatial ecology of the benthic mesophotic ecosystems of the Ningaloo Marine Park*. <https://doi.org/10.26182/5d19b97d49180>

Turner, J. A., Andradi-Brown, D. A., Gori, A., Bongaerts, P., Burdett, H. L., Ferrier-Pagès, C., Voolstra, C. R., Weinstein, D. K., Bridge, T. C. L., Costantini, F., Gress, E., Laverick, J., Loya, Y., Goodbody-Gringley, G., Rossi, S., Taylor, M. L., Viladrich, N., Voss, J. D., Williams, J., ... Eyal, G. (2019). Key Questions for Research and Conservation of Mesophotic Coral Ecosystems and

Temperate Mesophotic Ecosystems. In Y. Loya, K. A. Puglise, & T. C. L. Bridge (Eds.), *Mesophotic Coral Ecosystems* (pp. 989–1003). Springer International Publishing. https://doi.org/10.1007/978-3-319-92735-0_52

Turner, J. A., Babcock, R. C., Kendrick, G. A., & Hovey, R. K. (2019). How does spatial resolution affect model performance? A case for ensemble approaches for marine benthic mesophotic communities. *Journal of Biogeography*, 46(6), 1249–1259. <https://doi.org/10.1111/jbi.13581>

Turner, J. A., Babcock, R. C., Hovey, R., & Kendrick, G. A. (2018). AUV-based classification of benthic communities of the Ningaloo shelf and mesophotic areas. *Coral Reefs*, 37(3), 763–778. <https://doi.org/10.1007/s00338-018-1700-3>

Turner, J. A., Babcock, R. C., Hovey, R., & Kendrick, G. A. (2018). Can single classifiers be as useful as model ensembles to produce benthic seabed substratum maps? *Estuarine, Coastal and Shelf Science*, 204, 149–163. <https://doi.org/10.1016/j.ecss.2018.02.028>

Turner, J. A., Thomson, D. P., Cresswell, A. K., Trapon, M., & Babcock, R. C. (2018). Depth-related patterns in coral recruitment across a shallow to mesophotic gradient. *Coral Reefs*, 37(3), 711–722. <https://doi.org/10.1007/s00338-018-1696-8>

Turner, J. A., Babcock, R. C., Hovey, R., & Kendrick, G. A. (2017). Deep thinking: A systematic review of mesophotic coral ecosystems. *ICES Journal of Marine Science*, 74(9), 2309–2320. <https://doi.org/10.1093/icesjms/fsx085>

Turner, J. A., Polunin, N. V. C., Field, S. N., & Wilson, S. K. (2015). Measuring coral size-frequency distribution using stereo video technology, a comparison with in situ measurements. *Environmental Monitoring and Assessment*, 187(5), 234. <https://doi.org/10.1007/s10661-015-4431-8>