**Annexe A: Production scientifique des acteurs du SNO** **2019-2023** (publications de rang A, conférences, thèses)

Les publications scientifiques des acteurs (*production pour laquelle le premier auteur appartient au service*) du SNO postérieures 2019-2023 utilisant une partie des données issues du SO CORAIL sont présentées ci-dessous :

Barneche, D. R., et al. "Body size, reef area and temperature predict global reef‐fish species richness across spatial scales." *Global Ecology and Biogeography* 28.3 (2019): 315-327.

Carlot, J., et al. "Scaling up calcification, respiration, and photosynthesis rates of six prominent coral taxa, Ecol. Evol., 12, e8613." (2022).

Carlot, Jérémy, et al. "Coral reef structural complexity loss exposes coastlines to waves." *Scientific Reports* 13.1 (2023): 1683.

Carlot, Jérémy, et al. "Juvenile corals underpin coral reef carbonate production after disturbance." *Global Change Biology*27.11 (2021): 2623-2632.Carlot, J., et al. "Community composition predicts photogrammetry-based structural complexity on coral reefs." *Coral Reefs* 39 (2020): 967-975.

Carlot, Jérémy. *Reef accretion, coastal protection and reef functioning in the face of global change*. Diss. Université Paris sciences et lettres, 2021.

Cortese, Daphne. *Parental and environmental determinants of larval dispersal-associated traits and post-settlement physiology*. Diss. Université Paris sciences et lettres, 2021.

Galzin, René, et al. "Review of fish fauna and recently conducted fisheries research in French Polynesia." *Fisheries Newsletter-South Pacific Commission* (2023).

Haguenauer, A., Zuberer, F., Siu, G., Cortese, D., Beldade, R., & Mills, S. C. (2021). Deep heat: A comparison of water temperature, anemone bleaching, anemonefish density and reproduction between shallow and mesophotic reefs. *Fishes*, *6*(3), 37.

Hédouin, Laetitia, et al. "Contrasting patterns of mortality in Polynesian coral reefs following the third global coral bleaching event in 2016." *Coral Reefs* 39.4 (2020): 939-952.

Lecchini, David, et al. "Marine biodiversity of a pristine coral reef in French Polynesia." *Island Studies Journal* 16.1 (2021).

Moritz, Charlotte, et al. "Long-term monitoring of benthic communities reveals spatial determinants of disturbance and recovery dynamics on coral reefs." *Marine Ecology Progress Series* 672 (2021): 141-152.

Parravicini, Valeriano. *Spatio-temporal variability of coral reefs at the global scale: causalities, idosyncrasies and implications for ecological indicators*. Diss. FRB; EPHE; IRD; OFB, 2023.

Schiettekatte, Nina MD, et al. "Biological trade-offs underpin coral reef ecosystem functioning." *Nature Ecology & Evolution*6.6 (2022): 701-708.

Schiettekatte, Nina MD, et al. "Combining stereo‐video monitoring and physiological trials to estimate reef fish metabolic demands in the wild." *Ecology and Evolution* 12.7 (2022): e9084.

Schiettekatte, Nina MD, et al. "Nutrient limitation, bioenergetics and stoichiometry: A new model to predict elemental fluxes mediated by fishes." *Functional Ecology* 34.9 (2020): 1857-1869.

Schiettekatte, Nina MD, et al. "The role of fish feces for nutrient cycling on coral reefs." *Oikos* 2023.9 (2023): e09914.

Schiettekatte, Nina. *Fish-mediated functions on coral reefs*. Diss. Université Paris sciences et lettres, 2021.

Thiault, L., et al. "Operationalizing vulnerability for social–ecological integration in conservation and natural resource management. Conserv Lett 13." (2020).

Thiault, Lauric, et al. "Ecological evaluation of a marine protected area network: A progressive‐change BACIPS approach." *Ecosphere* 10.2 (2019): e02576.

Viviani, Jérémie, et al. "Synchrony patterns reveal different degrees of trophic guild vulnerability after disturbances in a coral reef fish community." *Diversity and Distributions* 25.8 (2019): 1210-1221.

Wicquart, Jérémy, et al. "A workflow to integrate ecological monitoring data from different sources." *Ecological Informatics* 68 (2022): 101543.

Wicquart, Jérémy. *Temporal trends and resilience of coral reefs| Theses. fr*. Diss. Université Paris sciences et lettres, 2022.