

Publications

NUGUES, Maggy

Journal publications

- Ford AK, Eich A, McAndrews R, Mangubhai S, **Nugues MM**, Bejarano S, Moore BR, Rico C, Wild C and SFC Ferse (in press) Evaluation of coral reef management effectiveness using conventional versus newly developed monitoring metrics. *Ecological Indicators*.
- Meistertzheim A-L, **Nugues MM**, Quéré G, Galand PE (2017) Pathobiomes differ between two diseases affecting reef building coralline algae. *Frontiers in Microbiology* 8: 1686.
- de Bakker DM, van Duyl FC, Bak RPM, **Nugues MM**, Nieuwland G, Meesters EH (2017) 40 Years of benthic community change on the Caribbean reefs of Curaçao and Bonaire: the rise of slimy cyanobacterial mats. *Coral Reefs* 36: 355-367.
- Jorissen H, Skinner C, Osinga R, de Beer D, **Nugues MM** (2016) Evidence for water-mediated mechanisms in coral–algal interactions. *Proceedings of the Royal Society of London B* 283: 20161137.
- Bégin C, Schelten CK, **Nugues MM**, Hawkins J, Roberts C, Côté IM (2016) Effects of protection and sediment stress on coral reefs in Saint Lucia. *Plos One* 11(2): e0146855.
- Quéré G, **Nugues MM** (2015) Coralline algae disease reduces survival and settlement success of coral planulae in laboratory experiments. *Coral Reefs* 34: 863-870.
- Quéré G, Meistertzheim A, Steneck RS, **Nugues MM** (2015) Histopathology of crustose coralline algae affected by white band and white patch diseases. *PeerJ* 3: e1034.
- Brocke HJ, Polerecky L, de Beer D, Weber M, Claudet J, **Nugues MM** (2015) Organic matter degradation drives benthic cyanobacterial mat abundance on Caribbean coral reefs. *Plos One* 10: e0125445.
- Brocke HJ, Wenzhoefer F, de Beer D, Mueller B, van Duyl FC, **Nugues MM** (2015) High dissolved organic carbon release by benthic cyanobacterial mats in a Caribbean reef ecosystem. *Scientific Reports* 5: 8852.
- Quéré G, Steneck RS, **Nugues MM** (2015) Spatiotemporal and species-specific patterns of diseases affecting crustose coralline algae in Curaçao. *Coral Reefs* 34: 259-273.
- Wolf AT, **Nugues MM**, Wild C (2014) Distribution, food preference and trophic position of the corallivorous fireworm *Hermodice carunculata* in a Caribbean coral reef. *Coral Reefs* 33: 1153-1163.
- Fricke A, Teichberg M, **Nugues MM**, Beilfuss S, Bischof K (2014) Effects of depth and ultraviolet radiation on coral reef turf algae. *Journal of Experimental Marine Biology and Ecology* 461: 73-84.
- Roff G, Bejarano S, Bozec Y-M, **Nugues M**, Steneck RS, Mumby PJ (2014) *Porites* and the Phoenix effect: unprecedented recovery after a mass coral bleaching event at Rangiroa Atoll, French Polynesia. *Marine Biology* 161: 1385-1393.
- Wolf AT, **Nugues MM** (2013) Synergistic effects of algal overgrowth and corallivory on Caribbean reef-building corals. *Ecology* 94: 1667–1674.
- Ferse SCA, **Nugues MM**, Romatzki SBC, Kunzmann A (2013) Examining the use of mass transplantation of brooding and spawning corals to support natural coral recruitment in Sulawesi/Indonesia. *Restoration Ecology* 21: 745-754.

- Sweet MJ, Bythell JC, **Nugues MM** (2013) Algae as reservoirs for coral pathogens. *Plos One* 8: e69717.
- Ahrens J, Borda E, Barroso R, Paiva P, Campbell A, Wolf AT, **Nugues MM**, Rouse G, Schulze A (2013) The curious case of *Hermodice carunculata* (Annelida: Amphinomididae): evidence for genetic homogeneity throughout the Atlantic Ocean and adjacent basins. *Molecular Ecology* 22: 2280–2291.
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- Wangpraseurt D, Weber M, Røy H, Polerecky L, Suharsono, de Beer D, **Nugues MM** (2012) In Situ Oxygen Dynamics in Coral-Algal Interactions. *Plos One* 7(2): e31192.
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Books

- Mumby PJ, Flower J, Cholett I, Box SJ, Bozec YM, Fitzsimmons C, Forster J, Gill D, Griffith-Mumby R, Oxenford HA, Peterson AM, Stead SM, Turner RA, Townsley P, van Beukering PJH, Booker F, Brocke HJ, Cabañillas-Terán N, Canty SWJ, Carricart-Ganivet JP, Chralery J, Dryden C, van Duyl FC, Enríquez S, den Haan J, Iglesias-Prieto R, Kennedy EV, Mahon R, Mueller B, Newman SP, **Nugues MM**, Cortés Múñez J, Nurse L, Osinga R, Paris CB, Petersen D, Polunin, NVC, Sánchez C, Schep S, Steven JR, Vallès H, Vermeij MJA, Visser PM, Whittingham E, Williams SM (2014) Towards reef resilience and sustainable livelihoods. A handbook for Caribbean coral reef managers. University of Exeter, Exeter, 172p. ISBN 978-0-902746-31-2.
- Bosserelle P, Berteaux-Lecellier V, Chancerelle Y, Hédouin L, **Nugues M**, Wallace C & Pichon M (2014) Guide d'identification des coraux de Moorea. CRIOBE. 120 pages. ISBN: 978-2-9547466-0-9.

Book chapters

- Jackson JBC, Donovan MK, Cramer KL, Lam VYY, Bak RPM, Cholett I, Connolly SR, Cortés J, Dustan P, Eakin CM, Friedlander AM, Greenstein BJ, Heron SF, Hughes T, Miller J, Mumby P, Pandolfi JM, Rogers CS, Steneck R, Weil E, Alemu JB, Alevizon WS, Arias-González JE, Atkinson A, Ballantine DL, Bastidas C, Bouchon C, Bouchon-Navaro Y, Box S, Brathwaite A, Bruno JF, Caldow C, Carpenter RC, Charpentier BH, Causez B, Chiappone M, Claro R, Cróquer A, Debrot AO, Edmunds P, Fenner D, Fonseca A, Ford MC, Forman K, Forrester GE, Garza-Perez JR, Gayle PMH, Grimsditch GD, Guzmán HM, Harborne AR, Hardt MJ, Hixon M, Idjadi J, Jap W, Jeffrey CFG, Johnson AE, Jordán-Dahlgren E, Koltés K, Lang JC, Loya Y, Majil I, Manfrino C, Maréchal JP, McCoy CMR, McField MD, Murdoch T, Nagelkerken I, Nemeth R, **Nugues MM**, Oxenford HA, Paredes G, Pitt JM, Polunin NVC, Portillo P, Reyes HB, Rodríguez-Martínez A, Ruttenberg BI, Ruzicka R, Sandin S, Shulman MJ, Smith SR, Smith TB, Sommer B, Stallings C, Torres RE, Tunnel JW, Vermeij MJA, Williams ID, Witman JD (2014) Overview and synthesis for the wider Caribbean region. Part I in: Jackson JBC, Donovan MK, Cramer KL, Lam VV (Eds.)

Status and Trends of Caribbean Coral Reefs: 1970-2012. Global Coral Reef Monitoring Network, IUCN, Gland, Switzerland, pp. 55-157.

- **Nugues MM, Ferse SCA** (2011) Measures to protect coral reefs - Maßnahmen zum Schutz von Korallenriffen. Chapter 5.4 in: Lozán JL, Graßl H, Karbe L, Reise K (Eds.) Warnsignal Klima: Die Meere - Änderungen und Risiken. Wissenschaftliche Auswertungen, Hamburg, Germany, pp. 330-336.