

Related Publications using NOAA Coral Reef Watch Data, Products, and Research

2023

- Lachs, L., Donner, S.D., Mumby, P.J. *et al.* [Emergent increase in coral thermal tolerance reduces mass bleaching under climate change](https://doi.org/10.1038/s41467-023-40601-6). *Nat Commun* **14**, 4939 (2023). <https://doi.org/10.1038/s41467-023-40601-6>.
- Christine C. Baran, Rhea Mae A. Luciano, Christine S. Segumalian, Darryl Anthony M. Valino & Maria Vanessa Baria-Rodriguez (2023): [Genus and size-specific susceptibility of soft corals to 2020 bleaching event in the Philippines](https://doi.org/10.1080/17451000.2023.2198242), *Marine Biology Research*, doi:10.1080/17451000.2023.2198242.
- Mason, R. A. B., Bozec, Y.-M., & Mumby, P. J. (2023). [Demographic resilience may sustain significant coral populations in a 2°C-warmer world](https://doi.org/10.1111/gcb.16741). *Global Change Biology*, 00, 1–9. <https://doi.org/10.1111/gcb.16741>.
- Ye, Z.-M.; Mayfield, A.B.; Fan, T.-Y. [Variable Responses to a Marine Heat Wave in Five Fringing Reefs of Southern Taiwan](https://doi.org/10.3390/app13095554). *Appl. Sci.* **2023**, *13*, 5554. <https://doi.org/10.3390/app13095554>.
- Maurya P, Balakrishnan M, Raj R, Naik L, Fernandes L, Dabholkar N, Prabhudesai S, Ravindran J, Agarwadekar Y, Navelkar G. [Augmented coral reef monitoring using a stationary reef monitoring system](https://doi.org/10.1016/j.ecoinf.2023.101972). *Ecol. Inform.* *74* (2023) 101972. <https://doi.org/10.1016/j.ecoinf.2023.101972>.
- Lachs, L., Humanes, A., Pygas, D.R. *et al.* [No apparent trade-offs associated with heat tolerance in a reef-building coral](https://doi.org/10.1038/s42003-023-04758-6). *Commun Biol* **6**, 400 (2023). <https://doi.org/10.1038/s42003-023-04758-6>.
- De Clippele LH, Díaz LA, Andradi-Brown DA, Lazuardi ME, Iqbal M, Zainudin IM, Prabuning D, van Hooidek R, Hakim A, Agung F, Dermawan A, Hennige SJ. [Evaluating annual severe coral bleaching risk for marine protected areas across Indonesia](https://doi.org/10.1016/j.marpol.2022.105428). *Mar. Policy* *148* (2023) 105428. <https://doi.org/10.1016/j.marpol.2022.105428>.
- González-Barrios, F. J., Estrada-Saldívar, N., Pérez-Cervantes, E., Secaira-Fajardo, F., & Álvarez-Filip, L. (2023). [Legacy effects of anthropogenic disturbances modulate dynamics in the world's coral reefs](https://doi.org/10.1111/gcb.16686). *Global Change Biology*, *29*, 3285– 3303. <https://doi.org/10.1111/gcb.16686>
- Moriarty T, Leggat W, Heron SF, Steinberg R, Ainsworth TD (2023) [Bleaching, mortality and lengthy recovery on the coral reefs of Lord Howe Island. The 2019 marine heatwave suggests an uncertain future for high-latitude ecosystems](https://doi.org/10.1371/journal.pclm.0000080). *PLOS Clim* *2*(4): e0000080. <https://doi.org/10.1371/journal.pclm.0000080>.
- Binni, Q, Yu K, Zuo X. [Study of the bleaching alert capability of the CRW and CoRTAD coral bleaching heat stress products in China's coral reefs](https://doi.org/10.1016/j.marenvres.2023.105939). *Mar. Environ. Res.* *186* (2023) 105939. <https://doi.org/10.1016/j.marenvres.2023.105939>.

2022

- Eladawy A, Nakamura T, Shaltout M, Mohammed A, Nadaoka K, Fox MD and Osman EO (2022) [Appraisal of coral bleaching thresholds and thermal projections for the northern Red Sea refugia](#). *Front. Mar. Sci.* 9:938454. doi: 10.3389/fmars.2022.938454

2021

- Liu, B.; Guan, L.; Chen, H. [Detecting 2020 Coral Bleaching Event in the Northwest Hainan Island Using CoralTemp SST and Sentinel-2B MSI Imagery](#). *Remote Sens.* **2021**, *13*, 4948. <https://doi.org/10.3390/rs13234948>.

2020

- Gomez, A.M.; McDonald, K.C.; Shein, K.; DeVries, S.; Armstrong, R.A.; Hernandez, W.J.; Carlo, M. [Comparison of Satellite-Based Sea Surface Temperature to In Situ Observations Surrounding Coral Reefs in La Parguera, Puerto Rico](#). *J. Mar. Sci. Eng.* **2020**, *8*, 453. <https://doi.org/10.3390/jmse8060453>.

2018

- Hernandez, W. (2018). [Quantifying the Effects of Hurricanes Irma and Maria on Coastal Water Quality, Habitats, and Resources in Puerto Rico using Moderate and High Resolution Satellite Sensors](#). doi: 10.13140/RG.2.2.28104.47361.
- Kamenos NA and Hennige SJ (2018) [Reconstructing Four Centuries of Temperature-Induced Coral Bleaching on the Great Barrier Reef](#). *Front. Mar. Sci.* 5:283. doi: 10.3389/fmars.2018.00283.
- Hoegh-Guldberg, O., Poloczanska, E. S., eds. (2018). [Effects of Climate Change Across Ocean Regions](#). Lausanne: Frontiers Media. doi: 10.3389/978-2-88945-502-7.
- Storlazzi, C.D. (2018), [Challenges of forecasting flooding on coral reef-lined coasts](#), *Eos*, *99*, <https://doi.org/10.1029/2018EO098517>.
- Gintert, B.E., Manzello, D.P., Enochs, I.C., Kolodziej, G., Carlton, R., Gleason, A.C.R., Gracias, N. [Marked annual coral bleaching resilience of an inshore patch reef in the Florida Keys: A nugget of hope, aberrance, or last man standing?](#) (2018). *Coral Reefs* 37: 533-547. <https://doi.org/10.1007/s00338-018-1678-x>.
- Claar DC, Szostek L, McDevitt-Irwin JM, Schanze JJ, Baum JK (2018) [Global patterns and impacts of El Niño events on coral reefs: A meta-analysis](#). *PLOS ONE* 13(2): e0190957. <https://doi.org/10.1371/journal.pone.0190957>.

2017

- Van Wynsberge S, Menkes C, Le Gendre R, Passfield T, Andréfouët S. [Are Sea Surface Temperature satellite measurements reliable proxies of lagoon temperature in the South Pacific?](#) *Estuarine, Coastal and Shelf Science* 199 (2017) 117-124.

- McCarthy, M.J., Colna K.E., El-Mezayen M.M., Laureano-Rosario A.E., Méndez-Lázaro P., Otis D.B., Toro-Farmer G., Vega-Rodriguez M., Muller-Karger F.E. [Satellite Remote Sensing for Coastal Management: A Review of Successful Applications](#). *Environmental Management* (2017) 60(2): 323. doi: <https://doi.org/10.1007/s00267-017-0880-x>.

2016

- Braverman, I. (2016). [Bleached!: Managing coral catastrophe](#). *Futures*, In Press. doi: 10.1016/j.futures.2016.06.001.
- Franco, C, Hepburn LA, Smith DJ, Nimrod S, Tucker A. (2016). [A Bayesian Belief Network to assess rate of changes in coral reef ecosystems](#). *Environmental Modelling & Software* 80: 132-142. doi: 10.1016/j.envsoft.2016.02.029.
- Hobday, AJ, Alexander LV, Perkins SE, Smale DA, Straub SC, Oliver ECJ, Benthuysen JA, Burrows MT, Donat MG, Feng M, Holbrook NJ, Moore PJ, Scannell HA, Gupta AS, Wernberg T. (2016). [A hierarchical approach to defining marine heatwaves](#). *Progress in Oceanography* 141: 227-238. doi: 10.1016/j.pocean.2015.12.014.

2015

- Chamberland VF, Vermeij MJA, Brittsan M, Carl M, Schick M, Snowden S, Schrier A, Petersen D. (2015). [Restoration of critically endangered elkhorn coral \(*Acropora palmata*\) populations using larvae reared from wild-caught gametes](#). *Global Ecology and Conservation* 4: 526-537. doi: 10.1016/j.gecco.2015.10.005.
- O'Neill, S, Brahic C, Hoegh-Guldberg O. (2015). [The moral of the coral](#). *New Scientist* 226(3016): 25. doi: 10.1016/S0262-4079(15)30118-4.

2014

- Alemu, J.B., Clement, Y. (2014). [Mass coral bleaching in 2010 in the southern Caribbean](#). *PLoS One* 9(1): e83829. doi: 10.1371/journal.pone.0083829.
- Baldock, J, Bancroft KP, Williams M, Shedrawi G, Field S. (2014). [Accurately estimating local water temperature from remotely sensed satellite sea surface temperature: A near real-time monitoring tool for marine protected areas](#). *Ocean & Coastal Management* 96: 73-81. doi: 10.1016/j.ocecoaman.2014.05.007.
- Carrigan, AD, Puotinen MJ. (2014). [Tropical cyclone cooling combats region-wide coral bleaching](#). *Global Change Biology* 20(5): 1604-1613. doi: 10.1111/gcb.12541.
- Foster, T., Short J.A., Falter J.L., Ross C., McCulloch, M.T. (2014). [Reduced calcification in Western Australian corals during anomalously high summer water temperatures](#). *Journal of Experimental Marine Biology and Ecology* 461: 133-143. doi: 10.1016/j.jembe.2014.07.014.

- Hooidonk, R., Maynard, J.A., Manzello, D., Planes, S. (2014). [Opposite latitudinal gradients in projected ocean acidification and bleaching impacts on coral reefs](#). *Global Change Biology* 20(1): 103-112. doi: 10.1111/gcb.12394.
- Moustafa, M.Z., Moustafa M.S., Moustafa Z.D., Moustafa S.E. (2014). [Survival of high latitude fringing corals in extreme temperatures: Red Sea oceanography](#). *Journal of Sea Research* 88: 144-151. doi: 10.1016/j.seares.2014.01.012.
- Petrenko, B., Ignatov A, Kihai Y, Zhou X, Stroup J. (2014). [SST algorithms in ACSPO reanalysis of AVHRR GAC data from 2002-2013](#). *Proc. SPIE 9111*, Ocean Sensing and Monitoring VI, 91110E (May 23, 2014). doi:10.1117/12.2053008.
- Tew, KS, Leu M-Y, Wang J-T, Chang C-M, Chen C-C, Meng P-J. (2014). [A continuous, real-time water quality monitoring system for the coral reef ecosystems of Nanwan Bay, Southern Taiwan](#). *Marine Pollution Bulletin* 85(2): 641-647. doi: 10.1016/j.marpolbul.2013.11.022.
- Xu, J, Zhao D. (2014). [Review of coral reef ecosystem remote sensing](#). *Acta Ecologica Sinica* 34(1): 19-25. doi: 10.1016/j.chnaes.2013.11.003
- Zhu, X, Minnett PJ, Berkelmans R, Hendee J, Manfrino C. (2014.) [Diurnal warming in shallow coastal seas: Observations from the Caribbean and Great Barrier Reef regions](#). *Continental Shelf Research* 82: 85-98. doi: 10.1016/j.csr.2014.03.002.

2013

- Baums, I.B., Devlin-Durante, M.K., Polato, N.R., Xu, D., Giri, S., Altman, N.S., Ruiz, D., Parkinson, J.E., Boulay, J.N. (2013). [Genotypic variation influences reproductive success and thermal stress tolerance in the reef building coral, *Acropora palmata*](#). *Coral Reefs* 32(3): 703-717. doi: 10.1007/s00338-013-1012-6.
- Brandt, M.E., Smith, T.B., Correa, A.M., & Vega-Thurber, R. (2013). [Disturbance driven colony fragmentation as a driver of a coral disease outbreak](#). *PLoS One* 8(2): e57164. doi: 10.1371/journal.pone.0057164.
- Chen T, Li S, Yu K, Zheng Z, Wang L, Chen T. (2013). [Increasing temperature anomalies reduce coral growth in the Weizhou Island, northern South China Sea](#). *Estuarine, Coastal and Shelf Science* 130: 121-126. doi: 10.1016/j.ecss.2013.05.009.
- Chollett, I, Mumby PJ. (2013). Reefs of last resort: [Locating and assessing thermal refugia in the wider Caribbean](#). *Biological Conservation* 167: 179-186. doi: 10.1016/j.biocon.2013.08.010.
- Ferreira, B.P., Costa, M.B.S.F., Coxey, M.S., Gaspar, A.L.B., Veleza, D., Araujo, M. (2013). [The effects of sea surface temperature anomalies on oceanic coral reef systems in the southwestern tropical Atlantic](#). *Coral Reefs* 32(2): 441-454. doi: 10.1007/s00338-012-0992-y.
- Furby, K.A., Bouwmeester, J., Berumen, M.L. (2013). [Susceptibility of central Red Sea corals during a major bleaching event](#). *Coral Reefs* 32(2): 505-513. doi: 10.1007/s00338-012-0998-5.

- Gilmour, J.P., Smith, L.D., Heyward, A.J., Baird, A.H. and Pratchett, M.S. (2013). [Recovery of an isolated coral reef system following severe disturbance](#). *Science* 340(6128): 69-71.
- Hume, B, D'Angelo C, Burt J, Baker AC, Riegl B, Wiedenmann J. (2013). [Corals from the Persian/Arabian Gulf as models for thermotolerant reef-builders: Prevalence of clade C3 Symbiodinium, host fluorescence and ex situ temperature tolerance](#). *Marine Pollution Bulletin* 72: 313-322. doi: 10.1016/j.marpolbul.2012.11.032.
- Krug, LA, Gherardi DFM, Stech JL, Leão ZMAN, Kikuchi RKP, Junior ERH, Suggett DJ. (2013). [The construction of causal networks to estimate coral bleaching intensity](#). *Environmental Modelling & Software* 42: 157-167. doi: 10.1016/j.envsoft.2013.01.003.
- Sutthacheep, M, Yucharoen M, Klinthong W, Pengsakun S, Sangmanee K, Yeemin T. (2013). [Impacts of the 1998 and 2010 mass coral bleaching events on the Western Gulf of Thailand](#). *Deep-Sea Research II* 96: 25-31. doi: 10.1016/j.dsr2.2013.04.018.

2012

- Ban, N.C., Pressey, R.L., Weeks, S. (2012). [Conservation Objectives and Sea-Surface Temperature Anomalies in the Great Barrier Reef](#). *Conservation Biology* 26(5): 799-809. doi: 10.1111/j.1523-1739.2012.01894.x.
- Carilli, J., Donner, S.D., Hartmann, A.C. (2012). [Historical temperature variability affects coral response to heat stress](#). *PLoS One* 7(3): e34418. doi: 10.1371/journal.pone.0034418.
- Carricart-Ganivet, J.P., Cabanillas-Teran, N., Cruz-Ortega, I., Blanchon, P. (2012). [Sensitivity of calcification to thermal stress varies among genera of massive reef-building corals](#). *PLoS One* 7(3): e32859. doi: 10.1371/journal.pone.0032859.
- Mohamed, A.R., Ali, A.H.A.M., Abdel-Salam, H.A. (2012). [Status of coral reef health in the northern Red Sea, Egypt](#). In *Proc 12th Int Coral Reef Symp*, Cairns, Australia (pp. 9-13).
- Moore, J.A., Bellchambers, L.M., Depczynski, M.R., Evans, R.D., Evans, S.N., Field, S.N., Friedman, K.J., Gilmour, J.P., Holmes, T.H., Middlebrook, R., Radford, B.T. (2012). Unprecedented mass bleaching and loss of coral across 12° of latitude in Western Australia in 2010–11. *PLoS One* 7(12): e51807. doi: 10.1371/journal.pone.0051807, <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0051807>.
- Van Hooidek, R., Huber, M. (2012). [Effects of modeled tropical sea surface temperature variability on coral reef bleaching predictions](#). *Coral Reefs* 31(1): 121-131. doi: 10.1007/s00338-011-0825-4.

2011

- Carrigan, A.D., Puotinen, M.L. (2011). [Assessing the potential for tropical cyclone induced sea surface cooling to reduce thermal stress on the world's coral reefs](#). *Geophysical Research Letters* 38(23): L23604. doi:10.1029/2011GL049722.

- Dalton, S.J., Carroll, A.G. (2011). [Monitoring coral health to determine coral bleaching response at high latitude eastern Australian reefs: an applied model for a changing climate](#). *Diversity* 3(4): 592-610. doi: 10.3390/d3040592.
- Donner, S.D. (2011). [An evaluation of the effect of recent temperature variability on the prediction of coral bleaching events](#). *Ecological Applications* 21(5): 1718-1730. doi: 10.1890/10-0107.1.
- Maina, J., McClanahan, T.R., Venus, V., Ateweberhan, M., Madin, J. (2011). [Global gradients of coral exposure to environmental stresses and implications for local management](#). *PLoS One* 6(8): e23064. doi: 10.1371/journal.pone.0023064.
- Miller, M.W., Piniak, G.A., Williams, D.E. (2011). [Coral mass bleaching and reef temperatures at Navassa Island, 2006](#). *Estuarine, Coastal and Shelf Science* 91(2011): 42-50. doi:10.1016/j.ecss.2010.10.005.
- Obura, D., Mangubhai, S. (2011). [Coral mortality associated with thermal fluctuations in the Phoenix Islands, 2002–2005](#). *Coral Reefs* 30(3): 607-619. doi: 10.1007/s00338-011-0741-7.
- Spillman, C.M. (2011). [Advances in forecasting coral bleaching conditions for reef management](#). *Bulletin of the American Meteorological Society* 92(12): 1586. doi: 10.1175/BAMS-D-11-00065.1.
- Spillman, C.M. (2011). [Operational real-time seasonal forecasts for coral reef management](#). *Journal of Operational Oceanography* 4(1): 13-22. doi: 10.1080/1755876X.2011.11020119.
- Spillman, C.M., Alves, O., Hudson, D.A. (2011). [Seasonal prediction of thermal stress accumulation for coral bleaching in the tropical oceans](#). *Monthly Weather Review* 139(2): 317-331. doi: 10.1175/2010MWR3526.1.
- Vargas-Ángel, B., Looney, E.E., Vetter, O.J., Coccagna, E.F. (2011). [Severe, widespread El Niño-associated coral bleaching in the US Phoenix Islands](#). *Bulletin of Marine Science* 87(3): 623-638. doi: 10.5343/bms.2010.1095.

2010

- Abesamis, R.A., Russ, G.R. (2010). [Patterns of recruitment of coral reef fishes in a monsoonal environment](#). *Coral Reefs* 29(4): 911-921. doi: 10.1007/s00338-010-0653-y.
- Chollett, I., Mumby, P.J., Cortés, J. (2010). [Upwelling areas do not guarantee refuge for coral reefs in a warming ocean](#). *Marine Ecology Progress Series* 416: 47-56. doi: 10.3354/meps08775.
- Crabbe, MJC. (2010). [Topography and spatial arrangement of reef-building corals on the fringing reefs of North Jamaica may influence their response to disturbance from bleaching](#). *Marine Environmental Research* 69(3): 158-162. doi: 10.1016/j.marenvres.2009.09.007.
- Prada, C., Weil, E., Yoshioka, P.M. (2010). [Octocoral bleaching during unusual thermal stress](#). *Coral Reefs* 29(1): 41-45. doi: 10.1007/s00338-009-0547-z.

2009

- Brandt, M.E. (2009). [The effect of species and colony size on the bleaching response of reef-building corals in the Florida Keys during the 2005 mass bleaching event](#). *Coral Reefs* 28(4): 911-924. doi: 10.1007/s00338-009-0548-y.
- Clark, R., Jeffrey, C., Woody, K., Hillis-Starr, Z., Monaco, M. (2009). [Spatial and temporal patterns of coral bleaching around Buck Island reef national monument, St. Croix, US Virgin Islands](#). *Bulletin of Marine Science* 84(2): 167-182.
- Crabbe, MJC. (2009). [Scleractinian coral population size structures and growth rates indicate coral resilience on the fringing reefs of North Jamaica](#). *Marine Environmental Research* 67: 189-198. doi: 10.1016/j.marenvres.2009.01.003.
- Donner, S.D. (2009). [Coping with commitment: projected thermal stress on coral reefs under different future scenarios](#). *PLoS One* 4(6): e5712.
- Mydlarz, L.D., Couch, C.S., Weil, E., Smith, G., Harvell, C.D. (2009). [Immune defenses of healthy, bleached and diseased *Montastraea faveolata* during a natural bleaching event](#). *Diseases of Aquatic Organisms* 87(1-2): 67-78. doi: 10.3354/dao02088.
- Spillman, C.M., & Alves, O. (2009). [Dynamical seasonal prediction of summer sea surface temperatures in the Great Barrier Reef](#). *Coral Reefs* 28(1): 197-206. doi: 10.1007/s00338-008-0438-8.

2008

- Baird, A., Maynard, J.A. (2008). [Coral adaptation in the face of climate change](#). *Science* 320(5874): 315-316.
- Baker, AC, Glynn PW, Riegl B. (2008). [Climate change and coral reef bleaching: An ecological assessment of long-term impacts, recovery trends and future outlook](#). *Estuarine, Coastal and Shelf Science* 80(4): 435-471. doi: 10.1016/j.ecss.2008.09.003.
- Boylan, P., Kleypas, J. (2008). [New insights into the exposure and sensitivity of coral reefs to ocean warming](#). In *Proc 11th Int Coral Reef Symp* (Vol. 1, pp. 849-843).
- Burt, J., Bartholomew, A., Usseglio, P. (2008). [Recovery of corals a decade after a bleaching event in Dubai, United Arab Emirates](#). *Marine Biology* 154(1): 27-36. doi: 10.1007/s00227-007-0892-9.
- Crabbe, MJC. (2008). [Climate change, global warming and coral reefs: Modelling the effects of temperature](#). *Computational Biology and Chemistry* 32(5): 311-314. doi: 10.1016/j.compbiolchem.2008.04.001.
- Lundgren, I, Hillis-Starr, Z. (2008). [Variation in *Acropora palmata* Bleaching Across Benthic Zones at Buck Island Reef National Monument \(St. Croix, USVI\) During the 2005 Thermal Stress Event](#). *Bulletin of Marine Science* 83(3): 441-451.

- Sandin, S.A., Smith, J.E., DeMartini, E.E., Dinsdale, E.A., Donner, S.D., Friedlander, A.M., Konotchick, T., Malay, M., Maragos, J.E., Obura, D., Pantos, O. (2008). [Baselines and degradation of coral reefs in the northern Line Islands](#). *PLoS One* 3(2): e1548.
- Van Oppen, M.J., & Lough, J.M. (Eds.). (2008). [Coral bleaching: patterns, processes, causes and consequences](#) (Vol. 205). Springer Science & Business Media.

2007

- Donner, S.D., Knutson, T.R., Oppenheimer, M. (2007). [Model-based assessment of the role of human-induced climate change in the 2005 Caribbean coral bleaching event](#). *Proceedings of the National Academy of Sciences* 104(13): 5483-5488.
- Lesser, M.P. (2007). [Coral reef bleaching and global climate change: Can corals survive the next century?](#) *PNAS* 104(13): 5259-5260. doi: 10.1073/pnas.0700910104.
- Manzello, DP, Berkelmans R, Hendee JC. (2007). [Coral bleaching indices and thresholds for the Florida Reef Tract, Bahamas, and St. Croix, US Virgin Islands](#). *Marine Pollution Bulletin* 54(12): 1923-1931. doi: 10.1016/j.marpolbul.2007.08.009.
- Manzello, D.P., Brandt, M., Smith, T.B., Lirman, D., Hendee, J.C., Nemeth, R.S. (2007). [Hurricanes benefit bleached corals](#). *Proceedings of the National Academy of Sciences* 104(29): 12035-12039. doi: 10.1073/pnas.0701194104.
- McClanahan, T.R., Ateweberhan, M., Sebastian, C.R., Graham, N.A.J., Wilson, S.K., Bruggemann, J.H., Guillaume, M.M. (2007). [Predictability of coral bleaching from synoptic satellite and *in situ* temperature observations](#). *Coral Reefs* 26(3): 695-701.
- McClanahan, T.R., Ateweberhan, M., Graham, N.A.J., Wilson, S.K., Sebastian, C.R., Guillaume, M.M., Bruggemann, J.H. (2007). [Western Indian Ocean coral communities: bleaching responses and susceptibility to extinction](#). *Marine Ecology Progress Series* 337: 1-13.

2006

- Hoeke, R., Brainard R., Moffitt, R., Merrifield M. (2006). [The role of oceanographic conditions and reef morphology in the 2002 coral bleaching event in the Northwestern Hawaiian Islands](#). *Atoll Research Bulletin* 543: 489-503.
- Kenyon, J., Brainard, R.E. (2006). [Second recorded episode of mass coral bleaching in the Northwestern Hawaiian Islands](#). *Atoll Research Bulletin* 543: 505-523.
- Kenyon, J.C., Aeby, G.S., Brainard, R.E., Chojnacki, J.D., Dunlap, M.J., Wilkinson, C.B. (2006). [Mass coral bleaching on high-latitude reefs in the Hawaiian](#). In *Proc 10th Int Coral Reef Symp* (Vol. 631, p. 643).
- Lambo, A.L., Ormond R.F.G. (2006). [Continued post-bleaching decline and changed benthic community of a Kenyan coral reef](#). *Marine Pollution Bulletin* 52(12): 1617-1624. doi: 10.1016/j.marpolbul.2006.05.028.

- Marshall, P.A., & Schuttenberg, H. (2006). [A reef manager's guide to coral bleaching](#). Great Barrier Reef Marine Park Authority.

2005

- Bellwood, D.R., Hughes, T.P., Connolly, S.R., Tanner, J. (2005). [Environmental and geometric constraints on Indo-Pacific coral reef biodiversity](#). *Ecology Letters* 8(6): 643-651.
- Heron, M.L. (2005). [Design parameters for an HF ocean surface radar installation](#). *IEEE Oceans 2005 - Europe*, Vol. 1, 373-378. doi: 10.1109/OCEANSE.2005.1511743.
- Pandolfi, J.M., Jackson, J.B.X.C., Baron, N., Bradbury, R.H., Guzman, H.M., Hughes, T.P., Kappel, C.V., Micheli, F., Ogden, J.C., Possingham, H.P., Sala, E. (2005). [Are US coral reefs on the slippery slope to slime?](#). *Science* 307(5716): 1725-1726.