

# Publications for Brigitte Sommer

## 2018

Sommer, B., Beger, M., Harrison, P., Babcock, R., Pandolfi, J. (2018). Differential response to abiotic stress drives species distributions at biogeographic transition zones. *Ecography*, 41(3), 478-490. <a href="http://dx.doi.org/10.1111/ecog.02986">[More Information]</a>

Precoda, K., Baird, A., Madsen, A., Mizerek, T., Sommer, B., Su, S., Madin, J. (2018). How does a widespread reef coral maintain populations in isolated environment? *Marine Ecology Progress Series*, 594, 85-94. <a href="http://dx.doi.org/10.3354/meps12537">[More Information]</a>

## 2017

Hughes, T., Kerry, J., Alvarez-Noriega, M., Alvarez-Romero, J., Anderson, K., Baird, A., Babcock, R., Beger, M., Bellwood, D., Byrne, M., Figueira, W., et al (2017). Global warming and recurrent mass bleaching of corals. *Nature*, 543(7645), 373-377. <a href="http://dx.doi.org/10.1038/nature21707">[More Information]</a>

Sommer, B., Sampayo, E., Beger, M., Harrison, P., Babcock, R., Pandolfi, J. (2017). Local and regional controls of phylogenetic structure at the high-latitude range limits of corals. *Proceedings of the Royal Society B: Biological Sciences*, 284(1861), 1-10. <a href="http://dx.doi.org/10.1098/rspb.2017.0915">[More Information]</a>

## 2016

Madin, J., Allen, A., Baird, A., Pandolfi, J., Sommer, B. (2016). Scope for latitudinal extension of reef corals is species specific. *Frontiers of Biogeography*, 8(1), 1-4.

## 2015

Butler, I., Sommer, B., Zann, M., Zhao, J., Pandolfi, J. (2015). The cumulative impacts of repeated heavy rainfall, flooding and altered water quality on the high-latitude coral reefs of Hervey Bay, Queensland, Australia. *Marine Pollution Bulletin*, 96, 356-367. <a href="http://dx.doi.org/10.1016/j.marpolbul.2015.04.047">[More Information]</a>

## 2014

Beger, M., Sommer, B., Harrison, P., Smith, S., Pandolfi, J. (2014). Conserving potential coral reef refuges at high latitudes. *Diversity and Distributions*, 20(3), 245-257. <a href="http://dx.doi.org/10.1111/ddi.12140">[More Information]</a>

Jackson, J., Donovan, M., Cramer, K., Lam, V., Bak, R., Sommer, B., et al (2014). Part I: Overview and synthesis for the wider Caribbean region. In J. Jackson, M. Donovan, K. Cramer, V. Lam (Eds.), *Status and Trends of Caribbean Coral Reefs: 1970-2012*, (pp. 55-154). Switzerland: Global Coral Reef Monitoring Network.

Scheffers, A., Engel, M., May, S., Scheffers, S., Joannes-Boyau, R., Hanssler, E., Kennedy, K., Kelletat, D., Bruckner, H., Sommer, B., et al (2014). Potential and limits of combining studies of coarse- and fine-grained sediments for the coastal

event history of a Caribbean carbonate environment. *Geological Society Special Publication*, 388, 503-531. <a href="http://dx.doi.org/10.1144/SP388.4">[More Information]</a>

Sommer, B., Beger, M., Pandolfi, J. (2014). *Seasonal and temporal changes in reef fauna at Julian Rocks 2010 to 2013: Report to Cape Byron Marine Park, NSW Department of Primary Industries*, (pp. 1 - 40). Brisbane, Australia: University of Queensland.

Sommer, B., Harrison, P., Beger, M., Pandolfi, J. (2014). Trait-mediated environmental filtering drives assembly at biogeographic transition zones. *Ecology*, 95(4), 1000-1009. <a href="http://dx.doi.org/10.1890/13-1445.1">[More Information]</a>

## 2013

Butler, I., Sommer, B., Zann, M., Zhao, J., Pandolfi, J. (2013). The impacts of flooding on the high-latitude, terrigenoclastic influenced coral reefs of Hervey Bay, Queensland, Australia. *Coral Reefs*, 32(4), 1149-1163. <a href="http://dx.doi.org/10.1007/s00338-013-1064-7">[More Information]</a>

## 2012

Baird, A., Sommer, B., Madin, J. (2012). Pole-ward range expansion of *Acropora* spp. along the east coast of Australia. *Coral Reefs*, 31, 1063-1063. <a href="http://dx.doi.org/10.1007/s00338-012-0928-6">[More Information]</a>

## 2011

Sommer, B., Harrison, P., Brooks, L., Scheffers, S. (2011). Coral community decline at Bonaire, Southern Caribbean. *Bulletin of Marine Science*, 87(3), 541-565. <a href="http://dx.doi.org/10.5343/bms.2010.1046">[More Information]</a>

Beger, M., Babcock, R., Booth, D., Bucher, D., Condie, S., Creese, B., Cvitanovic, C., Dalton, S., Sommer, B., et al (2011). Research challenges to improve the management and conservation of subtropical reefs to tackle climate change threats. *Ecological Management and Restoration*, 12(1), e7-e10. <a href="http://dx.doi.org/10.1111/j.1442-8903.2011.00573.x">[More Information]</a>

## 2010

Sommer, B., Harrison, P., Scheffers, S. (2010). Aggressive colonial ascidian impacting deep coral reefs at Bonaire, Netherlands Antilles. *Coral Reefs*, 29(1), 245-245. <a href="http://dx.doi.org/10.1007/s00338-009-0579-4">[More Information]</a>