

Marine debris publication list

Peer-reviewed publications

Wilcox, C, M Puckridge, Q Schuyler, K Townsend and BD Hardesty. 2018. **A quantitative analysis linking sea turtle mortality and plastic debris ingestion.** *In press*, Nature Scientific Reports.

Vince, J and BD Hardesty. 2018. **Global solutions to the tragedy of the commons that marine plastics have become.** *Frontiers in Marine Science*. 5: 214.
<https://doi.org/10.3389/fmars.2018.00214>

Brennan, E. C Wilcox and BD Hardesty. 2018. **Connecting flux, deposition and resuspension in coastal debris surveys.** *Science of the Total Environment*. 644; 1019–1026.

Richardson K, R Gunn, C Wilcox and BD Hardesty. 2018. **Understanding causes of gear loss provides a sound basis for fisheries management.** *Marine Policy*.
<https://doi.org/10.1016/j.marpol.2018.02.021>

Schuyler Q, BD Hardesty, TJ Lawson, K Opie and C Wilcox. 2018. **Economic incentives reduce plastic inputs to the ocean.** *Marine Policy*.
<https://doi.org/10.1016/j.marpol.2018.02.009>

Jambeck J, BD Hardesty, AL Brooks, T Friend, K Teleki, J Fabres, Y Beaudoin, A Bamba, J Francis, AJ Ribbink, T Baleta, H Bouwman, J Knox and C Wilcox. 2017. **Challenges and emerging solutions to the land-based plastic waste issue in Africa.** *Marine Policy*.
<http://doi.org/10.1016/j.marpol.2017.10.041>

Worm B, HK Lotze, I Jubinville, C Wilcox, J Jambeck. 2017. **Plastic as a Persistent Marine Pollutant.** *Annual Review of Environment and Resources*.
<https://doi.org/10.1146/annurev-environ-102016-060700>

Willis K, R Eriksen, C Wilcox and BD Hardesty. 2017. **Microplastic distribution at different sediment depths in an urban estuary.** *Frontiers in Marine Science*.
<http://doi.org/10.3389/fmars.2017.00419>

Willis K, C Maureaud, C Wilcox and BD Hardesty. 2017. **How successful are waste abatement campaigns and government policies at reducing plastic waste into the marine environment?** *Marine Policy*.
<https://doi.org/10.1016/j.marpol.2017.11.037>

Hardesty BD, J Harari, A Isobe, L Lebreton, N Maximenko, J Potemra, E van Sebille, AD Vethaak and C Wilcox. 2017. **Using numerical model simulations to improve the understanding of micro-plastic distribution and pathways in the marine environment.** *Frontiers in Marine Science*.
<https://doi.org/10.3389/fmars.2017.00030>

Willis K, BD Hardesty, L Kriwoken and C Wilcox. 2017. **Differentiating littering, urban runoff and marine transport as sources of marine debris in coastal and estuarine environments.** *Nature Scientific Reports*. DOI: [10.1038/srep44479](https://doi.org/10.1038/srep44479)

Hardesty BD and C Wilcox. 2017. **A risk framework for tackling marine debris.** *Analytical Methods*.
<http://pubs.rsc.org/en/content/articlepdf/2017/ay/c6ay02934e>

Hardesty BD, TJ Lawson, T van der Velde, M Lansdell, G Perkins and C Wilcox. 2016. **Estimating quantities and sources of marine debris at a continental scale.** *Frontiers in Ecology and the Environment*.
<http://onlinelibrary.wiley.com/doi/10.1002/fee.1447/full>

Roman L, QA Schuyler, BD Hardesty and KA Townsend. 2016. **Anthropogenic Debris Ingestion by Avifauna in Eastern Australia,** *PLoS One*, 30, 2016.
<http://dx.doi.org/10.1371/journal.pone.0158343>

van der Velde T, Milton, D.A., Lawson, T.J., Lansdell, M., Wilcox, C., Davis, G., Perkins, G., & BD Hardesty. 2016. **Is citizen science data worth our investment?** *Biological Conservation*.
<http://dx.doi.org/10.1016/j.biocon.2016.05.025>

Vince J and BD Hardesty. 2016. **Plastic pollution challenges in the marine and coastal environments: from local to global governance.** *Restoration Ecology*.
<http://doi/10.1111/rec.12388/>

Wilcox C and BD Hardesty. 2016. **Biodegradable nets are not a panacea, but can contribute to addressing the ghost fishing problem.** *Animal Conservation*. 19; 322-323.
<http://onlinelibrary.wiley.com/doi/10.1111/acv.12300/pdf>

Wilcox C, E van Sebille, BD Hardesty. 2015. **The threat of plastic pollution to seabirds is global, pervasive and increasing.** *Proceedings of the National Academy of Sciences*. Vol. 112 no. 38
<http://doi:10.1073/pnas.1502108112>

van Sebille E, C Wilcox, L Lebreton, N Maximenko, BD Hardesty J van Franeker, M Erikson, D Siegel, F Galgani, and K Lavender-Law. 2015. **A global inventory of small floating plastic debris**. Environmental Research Letters. <http://iopscience.iop.org/article/10.1088/1748-9326/10/12/124006>

Schuyler Q, C Wilcox, C Wilcox, K Townsend, K R Wedemeyer-Strombel, G Balazs, E van Sebille and BD Hardesty 2015. **A global risk analysis for turtles and marine debris**. Global Change Biology. <http://doi:10.1111/gcb.13078>.

Wilcox C, N Mallos, GH Leonard, A Rodriguez and BD Hardesty. 2015. **Using expert elicitation to estimate the impacts of plastic pollution on marine wildlife**. Marine Policy. <http://dx.doi.org/10.1016/j.marpol.2015.10.014>

Jambeck, JA, R Geyer, C Wilcox, T. Siegler, M. Perryman, Andrady, R. Marayan and KL Law. 2015. **Plastic waste inputs to the oceans from land**. Science. 347(62230):768-771. <http://DOI:10.1126/science.1260352>

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Wilcox C, G Heathcote, J Goldberg, R Gunn, D Peel and BD Hardesty 2014. **Understanding the sources, drivers and impacts of abandoned, lost and discarded fishing gear in northern Australia**. Conservation Biology. <http://DOI:10.1111/cobi.12355>

Reisser J, J Shaw, G Hallegraeff, M Proietti, D Barnes, M Thums, C Wilcox, BD Hardesty and C Pattiaratchi. 2014. **Millimeter-sized marine plastics: a new pelagic habitat for microorganisms and invertebrates**. PLoS ONE 9(6): e100289. <http://doi:10.1371/journal.pone.0100289>.

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Schuyler Q, BD Hardesty, C. Wilcox and K Townsend 2013. **A global analysis of anthropogenic debris ingestion by sea turtles**. Conservation Biology. 28:129-139. <http://DOI:10.1111/cobi.12126>.

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Schuyler Q, K Townsend, BD Hardesty and C Wilcox. 2012. **To eat or not to eat: debris selectivity by marine turtles**. PLoS One 7(7): e40884. DOI:10.1371/journal.pone.0040884.

Gunn R, BD Hardesty, and J Butler 2010. **Tackling 'ghost nets': Local solutions to a global issue in northern Australia**. Ecological Management and Restoration, 11: 88-98.

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