



# Plastic Bag and Straw Ban

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## Reference Publications

DelRe, C., Jiang, Y., Kang, P. *et al.* Near-complete depolymerization of polyesters with nano-dispersed enzymes. *Nature* **592**, 558–563 (2021). [DOI.org/10.1038/s41586-021-03408-3](https://doi.org/10.1038/s41586-021-03408-3).

Napper, I. E., Thompson, R. C. Environmental deterioration of biodegradable, oxo-biodegradable, compostable, and conventional plastic carrier bags in the sea, soil, and open-air over a 3-year period. *Environmental Science and Technology* **53**, 4775-4783 (2019). [DOI.org/10.1021/acs.est.8b06984](https://doi.org/10.1021/acs.est.8b06984).

Geyer, R., Kuczenski, B., Zink, T., Henderson, A., Common misconceptions about recycling. *Journal of Industrial Ecology* **20**, 1010–1017 (2015). [DOI:10.1111/jice.12355](https://doi.org/10.1111/jice.12355).

Geyer, R., Jambeck, J. R., Law, K. L. Production, use, and fate of all plastics ever made. *Science Advances* **3**, 1-5 (2017) [DOI: 10.1126/sciadv.1700782](https://doi.org/10.1126/sciadv.1700782).

Meereboer, K. W., Misra, M., and Mohanty, A. K. Review of recent advances in the biodegradability of polyhydroxyalkanoate (PHA) bioplastics and their composites. *Green Chemistry* **22**, 5519-5558 (2020). DOI: 10.1039/d0gc01647k.

Tournier, V. *et al.* An engineered PET depolymerase to break down and recycle plastic bottles. *Nature* **580**, 216–219 (2020). [DOI.org/10.1038/s41586-020-2149-4](https://doi.org/10.1038/s41586-020-2149-4).

Wei, R., Tiso, T., Bertling, J. *et al.* Possibilities and limitations of biotechnological plastic degradation and recycling. *Nature Catalysis* **3**, 867–871 (2020). [DOI.org/10.1038/s41929-020-00521-w](https://doi.org/10.1038/s41929-020-00521-w).