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RHET 1312

Annotated Bibliography

Plastic Waste In The Ocean And Three Ways To Deal With It

Eriksen M, Lebreton LCM, Carson HS, Thiel M, Moore CJ, Borerro JC, et al. "Plastic

Pollution in the World's Oceans: More than 5 Trillion Plastic Pieces Weighing over 250,000

Tons Afloat at Sea." *PLoS ONE* 9(12): e111913. 10, Dec. 2014. <https://doi.org/10.1371>

journal.pone.0111913

An article explaining the research of finding the total number of plastic particles in the

world's oceans. Experiments were conducted in the years 2007-2013 using various methods

in several seas and estimated that 5.25 trillion particles with a weight of 268,940 tons are

floating the oceans.

Finska, Linda and Howden, Julia Gørtz. " Troubled waters – Where is the bridge?

Confronting marine plastic pollution from international watercourses." *Review of*

European Comparative & International Environmental Law Vol. 27 Issue 3, p245-253.

9p, Nov. 2018.

This article Investigates what options there is to create an international treaty or international mutual steps to raise awareness of the problems plastic in watercourses cause. Most of the plastic in the marine environment are in international waters and are derived from multiple nations [probably every nation in the world]. The article investigates solutions on an international political way in order to handle and decrease the plastic waste in waters.

Laurent C. M. Lebreton, Joost van der Zwet, Jan-Willem Damsteeg, Boyan Slat, Anthony

Andrady & Julia Reisser. "River plastic emissions to the world's oceans" *Nature*

*Communications*⁸, Article number: 15611, 1 July 2014.

This article explains the findings of a research conducted in order to find how plastic is transported to oceans through rivers. The article discusses how much plastic enters the oceans every year from rivers and which rivers that carries the most plastics. This article was written I order to help plan for a ocean plastic balance and plan to monitor and limit the ocean plastic waste.

Leonard, Annie. "Our plastic pollution crisis is too big for recycling to fix". *The Guardian*,

9, Jun. 2018. <https://www.theguardian.com/commentisfree/2018/jun/09/recycling-plastic-crisis-oceans-pollution-corporate-responsibility>

This article reflects upon how corporations are throwing plastics at the world's population, it's consumers and how this is causing harm to the environment. The author gives facts about how much plastic that has been used since 1950 and how much of that amount that has been recycled. Leonard states that recycling on an individual basis is not enough to stop the plastic crisis. Rather, corporations and businesses has to be the ones to act and change the way we use plastic.

Parker, Laura. "We Made Plastic. We Depend On It. Now We're Drowning In It". National

Geographic, Aug. 2016. <https://www.nationalgeographic.com/magazine/2018/06/plastic-planet-waste-pollution-trash-crisis/>

Parker explains how much plastic that has been produced and how much has gone to recycling. She declares problem with plastics in the ocean, how it's affecting 700 species.

Parker also argues that it is easier to cope with the plastic pollution than it is with climate change since there are easier actions available to stop the plastic pollution, whereas climate change has to be tackled with changing the world's energy systems.

