Jambeck, J. R., Geyer, R., Wilcox, C., Siegler, T. R., & Perryman, M. (2015). Plastic waste inputs from land into the ocean [Abstract]. *AAAS,347*(6223), 768-771.
<http://dx.doi.org/10.1126/science.1260352> Retrieved from: <https://search.proquest.com/docview/1654945714?pq-origsite=summon>

* How much plastic debris is believed to enter the ocean, therefor effecting marine life?
* “ We calculate that 275 million metric tons (MT) of plastic waste was generated in 192 coastal countries in 2010, with 4.8 to 12.7 million MT entering the ocean.”

Eriksen, M., Lebreton, L. C., Carson, H. S., Thiel, M., & Moore, C. J. (2014). 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), 1-15. <http://dx.doi.org/10.1371/journal.pone.0111913> Retrieved from: <https://search.proquest.com/docview/1635009481/abstract/9933F0C0DABD4A9EPQ/1?accountid=14244>

* What kind of danger does plastic pollution present to marine life?
* “Adsorption of persistent organic pollutants onto plastic and their transfer into the tissues and organs through ingestion [15] is impacting marine megafauna [16] as well as lower trophic-level organisms [17, 18] and their predators”

Vegter AC, Barletta M, Beck C, Borrero J and others (2014) Global research priorities to mitigate plastic pollution impacts on marine wildlife. Endanger Species Res 25:225-247. <https://doi.org/10.3354/esr00623>Retrieved from: <https://www.int-res.com/articles/esr_oa/n025p225.pdf>

* What kind of complications can happen to marine life from plastic debris indigestion?
* “Over 170 marine species have been recorded to ingest human-made polymers that could cause life-threatening complications such as gut impaction and perforation, reduced food in take, and transfer of toxic compounds (Müller et al. 2012).”

Melbourne, V. (2013, August 10). Turtles eating plastic: ENVIRONMENT. *The Age*. Retrieved from <http://libproxy.lib.unc.edu/login?url=https://search.proquest.com/docview/1418714799?accountid=14244>

* How largely are turtles impacted by the plastic in the ocean?
* “Study leader Qamar Schuyler says green and leatherback turtles are eating more plastic than ever before. The ages of turtles and their habitats are also factors.”

Leahy, S. (2012, May 10). ENVIRONMENT: PLASTIC SEAS ALTERING MARINE ECOLOGY. *Global Information Network*. Retrieved from <http://libproxy.lib.unc.edu/login?url=https://search.proquest.com/docview/1012479074?accountid=14244>

* How often is a piece of plastic debris ingested by a manual or bird?
* “Researchers at Scripps have also reported that nine percent of the fish collected during their expedition to the Gyre had plastic waste in their stomachs. They estimated that fish in the intermediate ocean depths of the North Pacific Ocean ingest plastic at a rate of roughly 12,000 to 24,000 tonnes per year.”

Joyce, C. (2019, June 06). Microplastics Have Invaded The Deep Ocean - And The Food Chain. Retrieved from <https://www.npr.org/sections/thesalt/2019/06/06/729419975/microplastics-have-invaded-the-deep-ocean-and-the-food-chain>

2:18-3:00



3:38- 4:15

Joyce, C. (2018, August 20). Beer, Drinking Water And Fish: Tiny Plastic Is Everywhere. Retrieved from <https://www.npr.org/sections/thesalt/2018/08/20/636845604/beer-drinking-water-and-fish-tiny-plastic-is-everywhere>

Stemmler, B. (2019, January 16). Episode 009 - Plastics: The Problems and Possibilities. Retrieved from <https://makeeverything.tv/simplycomplex/2019/01/plastic>

12:23-13:00