

### **Legal strategies for reducing persistent plastics in the marine environment**

Bean MJ. 1987. Legal strategies for reducing persistent plastics in the marine environment. *Marine Pollution Bulletin*, 18: 357–360.

Laws are being drafted to help the rate of plastic pollution decline. International laws address plastic pollution from vessels and are effective through general pollution laws, fishery and wildlife conservation laws, and fishing gear compensation laws that are already set into place. For state laws the main focus is placed on land-based sources. There are several laws that enforce that the plastics have to have certain properties pertaining to the degradability of the plastic as well as encouraging recycling products.

### **Quantitative tar and plastic waste distributions in the Pacific Ocean**

Wong CS, Green DR, and Cretney WJ. 1974. Quantitative tar and plastic waste distributions in the Pacific Ocean. *Nature*, 247: 30-32.

This article was the first to look at the distribution of plastic waste in the oceans. At the time, plastic was distributed in most sections checked, but in minute amounts. This paper raised awareness in the scientific community about the potential issues of increased plastic pollution.

### **Global research priorities to mitigate plastic pollution impacts on marine wildlife**

This article talks about how the increase of microplastic pollutions and debris have lead to increased danger for marine animals. Because plastics are harder to breakdown it has helped to speed up the endangerment of many of the marine wildlife today.

Vegter, A., Barletta, M., Beck, C., Borrero, J., Burton, H., Campbell, M., ... Hamann, M. (2014). Global research priorities to mitigate plastic pollution impacts on marine wildlife. *Endangered Species Research*, 25(3), 225–247. doi: 10.3354/esr00623

### **Plastics Carcinogenesis, Some Experimental Data and Its Possible Importance for Clinic and Prophylaxis of Cancer**

The introduction of polymers causes for investigation of possible carcinogenic effect. The discovery of fibrosarcoma formation at sites where bakelite plates were introduced. The plate and tumor have a direct relationship, if the plate is bigger than the tumor develops faster.

Shabad L.M. (1967) Plastics Carcinogenesis, Some Experimental Data and Its Possible Importance for Clinic and Prophylaxis of Cancer. In: Truhaut R. (eds) Potential Carcinogenic Hazards from Drugs. UICC Monograph Series, vol 7. Springer, Berlin, Heidelberg