

**Eggs are impacted by microplastics in the sand.**

- Microplastics are toxic themselves and attract other toxins.
- Microplastics increase the temperature of the sand which effects sex ratios of the eggs. Eggs incubated at higher temperature produce more female hatchlings, while eggs incubated in lower temperatures produce more male hatchlings.



**Hatchlings on the beach encounter macroplastic trash (bottles, straws, bags, etc.)**

- In some cases, they may become entrapped in the plastic trash and never reach the water.

**Nesting turtles may encounter plastic debris making digging a nest harder.**

**Juveniles and adults in the water may eat macro and microplastic trash.**

- Microplastics are everywhere in the water and easily ingested while eating other things.
- Sea turtles may often mistake floating trash like plastic bags for food like jellyfish.

**Juveniles and adults may become entangled in plastic fishing debris.**

