

Title: The Effect of Ocean Plastic on Plankton and Marine Ecosystems Abstract: This presentation aims to raise awareness for the harm plastics in our oceans are causing analysis and visualization of scientific data. It is largely inspired by the fourteenth United Nations Sustainable Development Goal: Life Below Water. The datasets used primary fall into two categories: ocean plastic content statistics and plankton population demographics. The presentation will also explore plankton's role as the base of many aquatic ecosystems and model the impact a population decline could have on these ecosystems. The effects ocean plastics can have on our modern society will be explored, as well as some actions all of us can take to help curb these effects.