

Changes in Oceanographic Systems Associated with Marine Renewable Energy Devices – Tidal Energy

The changes to oceanographic systems are mostly a concern when there are many marine renewable energy devices grouped together (called an “array”). Understanding how water movement, sediment along the coastline, and other parts of oceanographic systems will change when new devices are placed in the ocean is important for scientists to keep marine environments, animals, and people safe. Scientists have used computer models to predict potential effects on the environment, but measurements around arrays of marine renewable energy devices are needed to better understand these impacts to oceanographic systems.

