

## Changes in Oceanographic Systems – Tidal Energy

Tidal energy devices partially block currents, which can change the currents downstream of the devices and may cause lower water heights or pollution to build up, especially when there are many devices grouped together (called an “array”). Many marine animals rely on these currents and oceanographic systems to live their life. Until large arrays are deployed and field measurements are collected, models provide the greatest insight into the potential effects. However, additional field data are needed to prove these models are correct.

