

Ocean currents and energy.

Ocean currents move energy on Earth. Ex. the gulf stream.

The energy is taken up somewhere and the ocean current transports it to another place where it is emitted. The place where the ocean current comes from cools until it is reheated by the sun. It happens when the earth has made another round around the sun. Not all received energy is emitted during the round trip, i.e. avg. ocean temperature is getting a slight increase per year right now! As is also the case with the global avg. the temperature increasing 0.015 degrees linearly per year.

El Niño and La Niña in the Pacific Ocean are such ocean currents. The only thing they cause is variations in the temperature where they flow. The energy is eventually released and you get a period where the ocean current is colder, La Niña,

These ocean currents that change in temperature are not climate change. They are part of the processes that delay the departure of energy received from the sun.