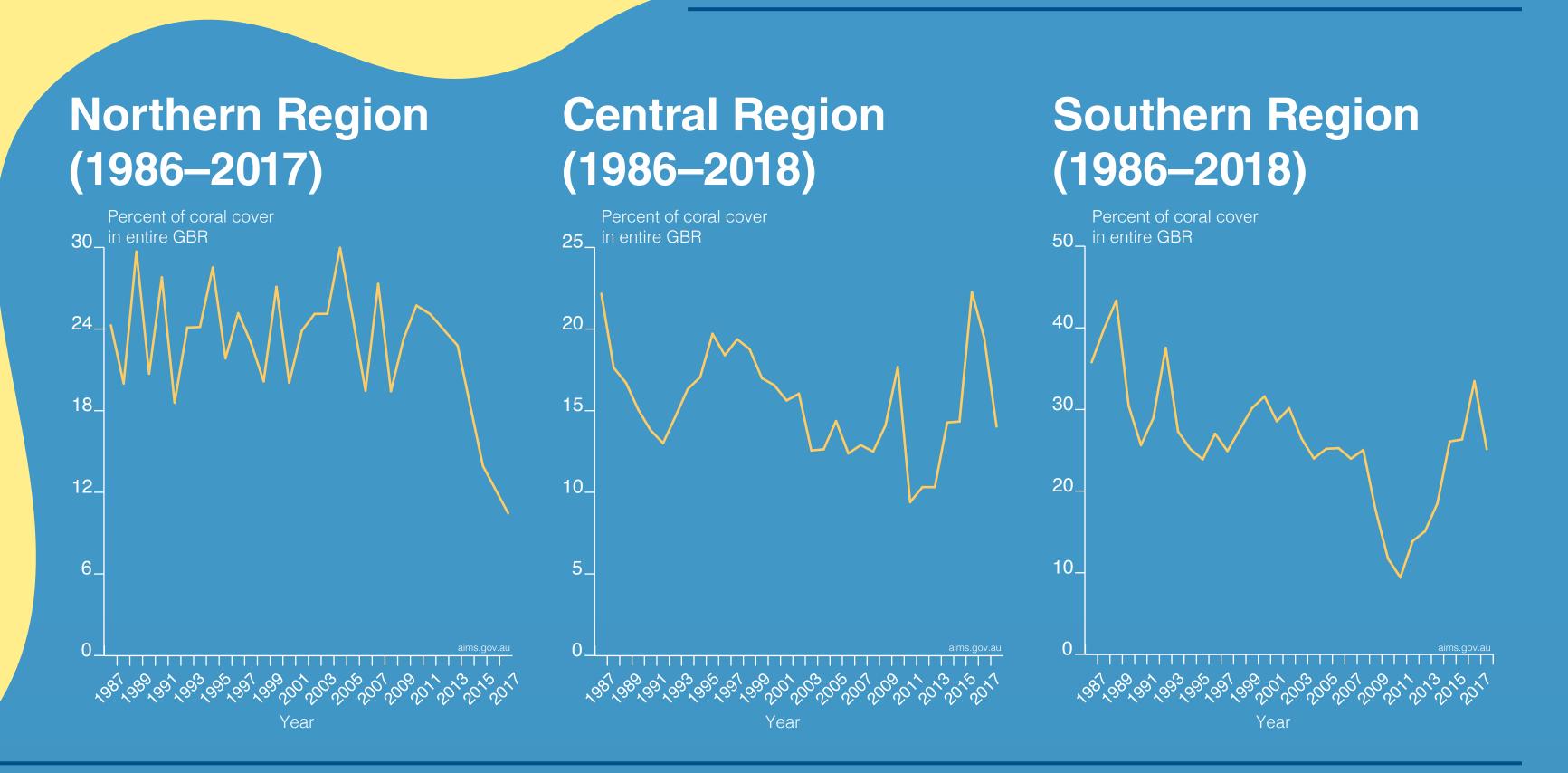
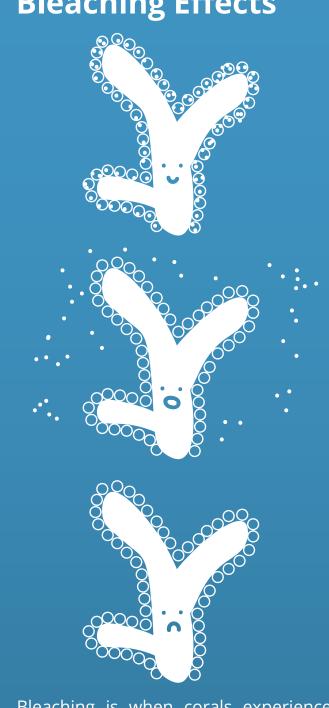
WHAT HAPPENED TO THE GREAT BARRIER REEF?

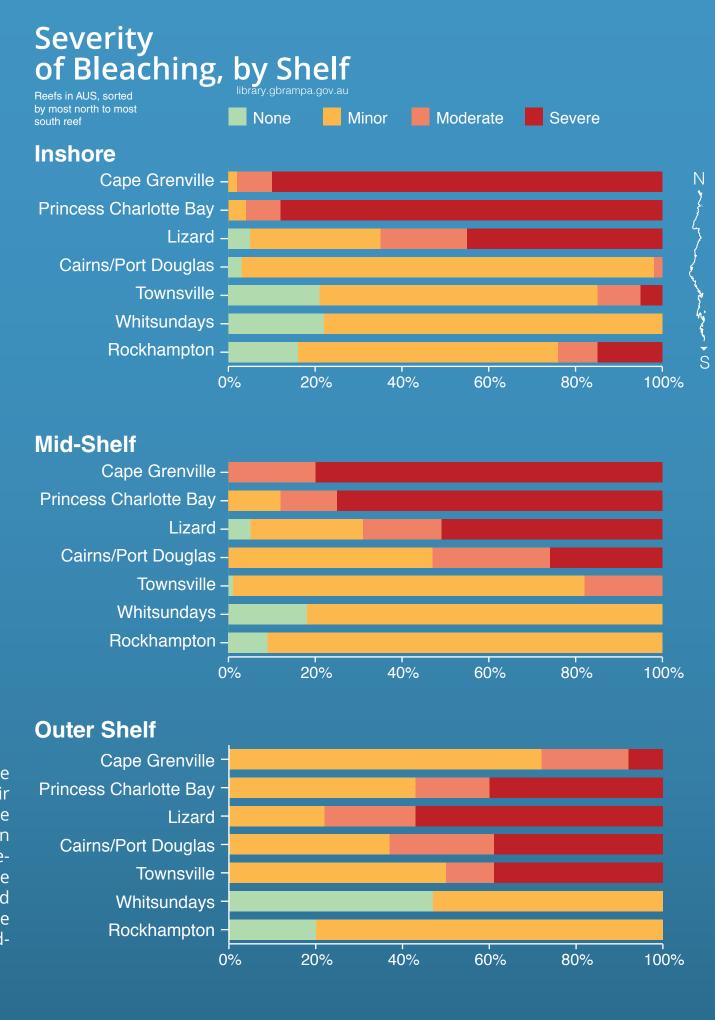
The Great Barrier Reef located in the northeast corner of Australia is the world's largest coral reef. It is over 2,300km, made of over 2,900 individual reefs and home to thousands of animals. However, thanks to both human and environmental factors, the Great Barrier Reef is slowly shrinking in size. This shrink in size is mainly due to the coral dying off from the stress of these factors. Corals are generally quite sensitive to a verity of environmental changes and because they typically grow quite slowly, it usually take some time to recover from any significant change that affects them. Because of the many stress-induced bleaching events that have occurred starting since around 1980, the Great Barrier Reef has not had the time to recover and has only been growing smaller since. There have been many efforts made by both the Australian Government and people to help protect and recover the Great Barrier Reef. Although the Great Barrier Reef is still on the decline, human intervention has helped it from becoming completely desolate.

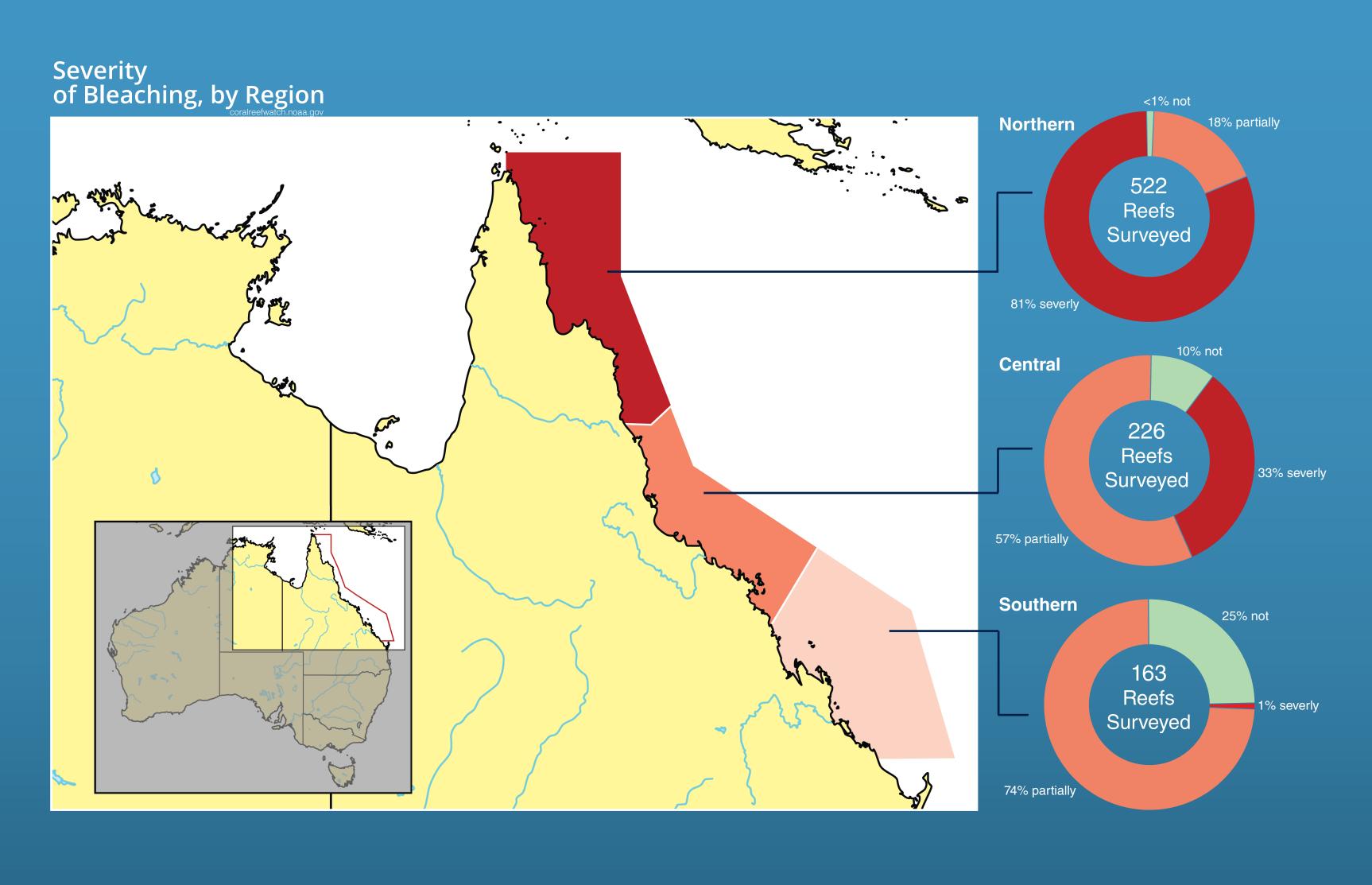


Bleaching The 2016 Coral **Bleaching Effects**

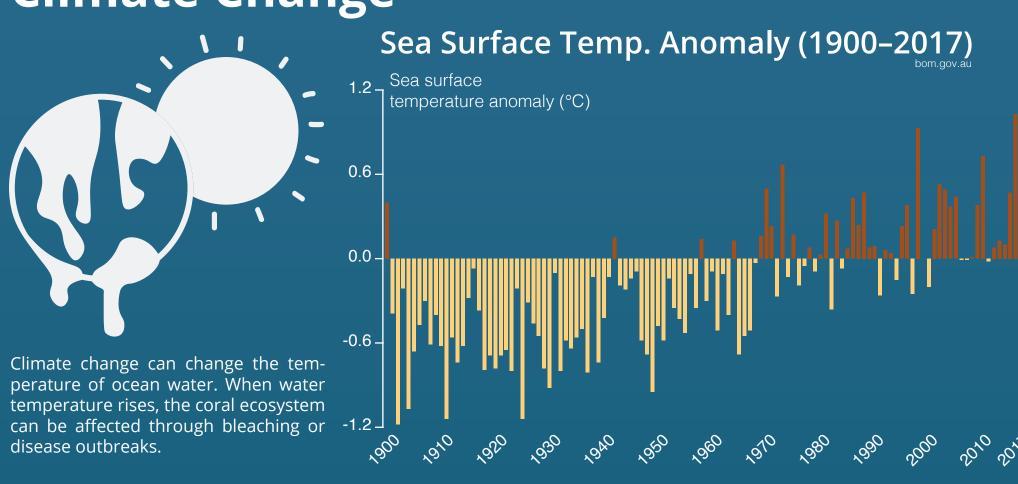


Bleaching is when corals experience stress and react by expelling all of their photosynthetic cells. As a result, the corals will begin to starve which can lead to death. One way corals can become stressed is when the temperature it lives in changes. In 2016, El Niño had brought in a flow of warm water in the Pacific Ocean, thus creating a worldwide coral bleaching event.



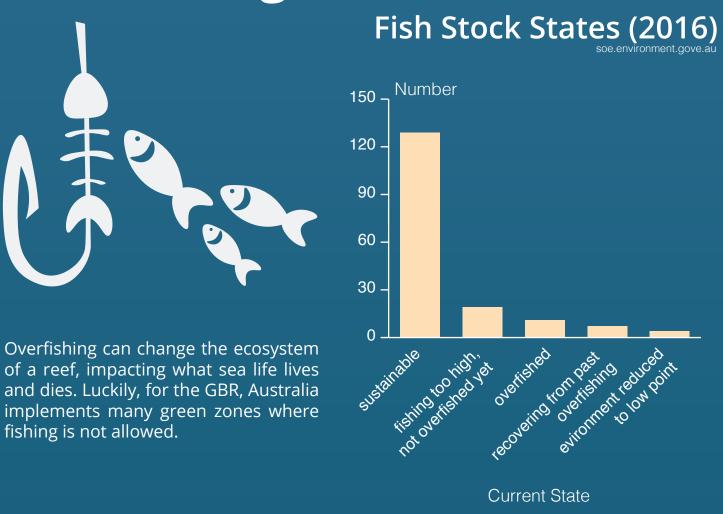


Climate Change

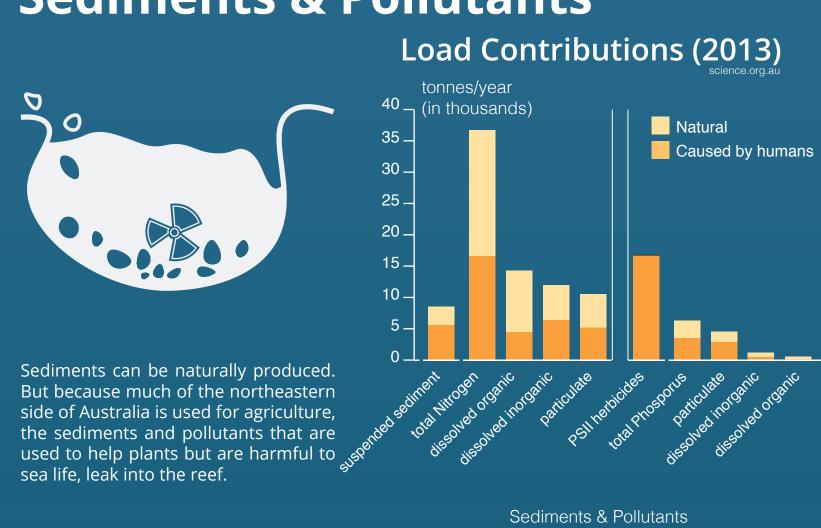


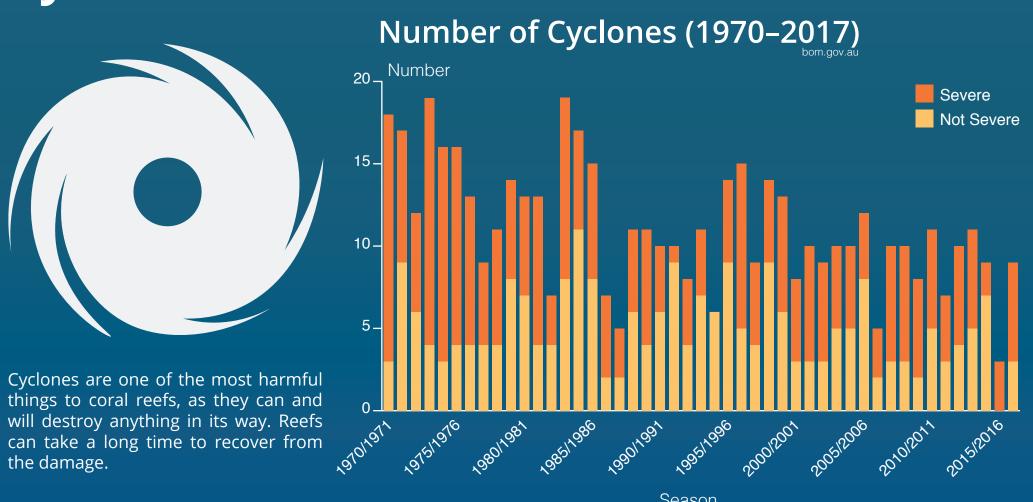
Year Cyclones

Overfishing



Sediments & Pollutants





Shipping & Dredging



Crown-of-thorns Starfish

