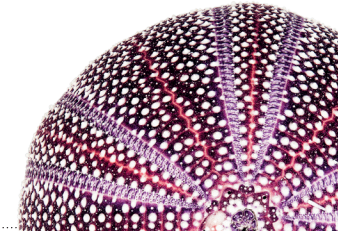


Great Barrier Reef Foundation



- Great Barrier Reef Foundation
- The lead charity for the Great Barrier Reef
 - Funding solutions through science, technology, engineering and on-ground action to ensure the long-term conservation of the Great Barrier Reef
 - Independent and apolitical, we work with industries and businesses, governments and philanthropists, citizen scientists and communities alike
 - Our single focus is an adaptable and resilient Reef – one that thrives in the good times and bounces back from the tough times
- Join us to help keep the Reef great
- Subscribe to our Reef Insider e-news to stay Reef-informed
 - Visit barriereef.org to discover our innovative Reef projects in action
 - Fundraise for the Reef with an activity or event
 - Donate to support Reef science with impact
 - Connect with us and share



- Everyone's actions, big or small, are vital to the Great Barrier Reef's future
- Be a local Reef champion at home, school and work
- 1 Reusables rule – ditch the disposables for shopping bags, water bottles, lunch containers, batteries, mobile phones
 - 2 Recycle what you can eg paper, plastics, recyclable or no packaging
 - 3 Buy food and other products with minimal, Reduce plastic use eg no more plastic straws
 - 4 Use eco-friendly cleaners and fertilisers
 - 5 Plant trees, gardens and grass to reduce run-off
 - 6 Wash the car on the lawn, not the driveway or road
 - 7 Switch on to energy efficient lights and appliances
 - 8 Switch off lights and appliances when not in use
 - 9 Keep cool naturally – open windows to catch the breeze rather than air conditioning
 - 10 Reduce auto use – drive less, share a ride, use public transport, walk or ride a bike when you can
 - 11 Join a community clean-up
 - 12 Volunteer for Reef citizen science activities
 - 13 Raise funds and awareness in your local area
 - 14

REEF POCKET GUIDE



Great Barrier Reef Foundation

Funding Reef science with impact

A changing climate

- Higher sea temperatures increase the risk of coral bleaching
- More CO₂ emissions lead to ocean acidification, changing the ocean's chemistry and affecting corals' ability to create their reef-building skeletons
- Increased frequency of extreme weather events like cyclones can destroy and weaken reefs
- Rising sea levels can cause erosion and inundate important tidal habitats like mangroves

Water quality

- More sediment and nutrients flowing from land to ocean = more algae and pollutants + reduced light and smothered corals
- Nutrient run-off can fuel outbreaks of the coral-eating crown-of-thorns starfish

Icon under pressure

The Reef is diverse – some areas are in great condition; others are not so great.

The number one threat to the Great Barrier Reef is climate change.

The best way to build the Reef's resilience in a changing climate is to reduce all the other stressors impacting on it.

Greatest risks *

1. Climate change
2. Poor water quality from land-based run-off
3. Coastal development
4. Illegal fishing

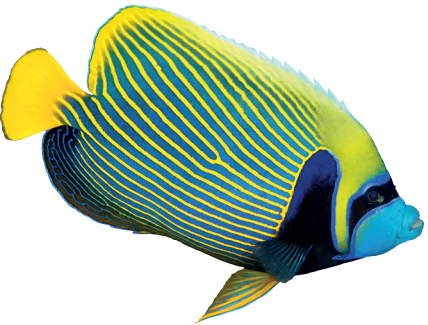
*Great Barrier Reef Outlook Report 2014



- 2,300 km long
- 348,000 km² – the size of Italy or Germany
- Over 2,900 individual reefs
- 1,050 islands and coral cays
- Largest living structure in the world
- World's largest coral reef
- Visible from space
- World Heritage listed 1981

- 10% of world's fish species – 1625 species
- 600 types of coral
- 133 varieties of sharks and rays
- 30+ species of whales and dolphins
- 6 of the world's 7 marine turtle species

- 2 million visitors annually
- Contributes \$6 billion to Australia's economy
- Supports 69,000 jobs



The Great Barrier Reef is beautiful, diverse and under threat: we must protect it