

## 'Zero recovery' prospects for bleached coral at Great Barrier Reef

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international / prose / post

### The Avoidable Tragedy of the Dying Barrier Reef

*And to think that Australia's respected CSIRO warned Australia of this event back in 1973 with a television special on channel 7. The CSIRO warned that at the current rate, back then, of global warming we could kiss the reef goodbye if no immediate action is taken. So why wasn't this warning heeded? Simply because the profit-only driven bankers/corporatists that own both the major political parties ignored the warning of this very detailed TV special. So now we pay the price for allowing non-representative governance -- when will we finally learn, Australia? Perhaps when the largest living organism on earth, The Great Barrier Reef, is completely dead. A needless tragedy!*



***Bleached dead coral***

Coral bleached for two consecutive years at Australia's Great Barrier Reef has "zero prospect" of recovery, scientists have warned.

Researchers said last month they were detecting another round of mass bleaching this year after a severe event in 2016, and their fears were confirmed after aerial surveys of the entire 2,300-kilometre long bio-diverse reef.

Last year, the northern areas of the World Heritage-listed area were hardest hit, with the middle-third now experiencing the worst effects.

Bleached corals are not necessarily dead corals, but in the severe central region we anticipate high levels of coral loss," James Kerry, a marine biologist at James Cook University who led the aerial surveys, said today.

"It takes at least a decade for a full recovery of even the fastest growing corals, so mass bleaching events 12 months apart offer zero prospect of recovery for reefs that were damaged in 2016."

It is the fourth time coral bleaching - where stressed corals expel the algae that live in their tissue and provide them with food - has hit the reef after previous events in 1998 and 2002.

Record temperatures

"The combined impact of this back-to-back bleaching stretches for 1,500 kilometres, leaving only the southern third unscathed," Terry Hughes, head of the Centre of Excellence for Coral Reef Studies, also at James Cook University said.

"The bleaching is caused by record-breaking temperatures driven by global warming.

"This year, 2017, we are seeing mass bleaching, even without the assistance of El Nino conditions," he added, referring to the natural climate cycle in the Pacific Ocean.

The Barrier Reef is already under pressure from farming run-off, development and the crown-of-thorns starfish.

It was also recently hammered by category four Cyclone Debbie, which barrelled through the region last month, mostly affecting southern parts around the Whitsunday islands which largely escaped the bleaching.

The extent of the destruction wrought by Debbie is not yet known, although scientists have said damage could range from minor to severe.

Queensland Parks and Wildlife Service and the Great Barrier Reef Marine Park Authority began a study last week to determine how extensive it might be and have already found extensive pulverised coral at popular snorkeling spots.

"The feedback that's coming back is the more sheltered areas have come out a bit better, but they all seem to have suffered some form of damage," Association of Marine Park Tourism Operators' Brendon Robinson told the ABC.

The Whitsundays is one of the reef's tourist hotspots, attracting more than 40 percent of total visitors to the iconic marine ecosystem.

### Multiple impacts

Mr Hughes warned rising temperatures could see more bleaching events.

"Clearly the reef is struggling with multiple impacts. Without a doubt the most pressing of these is global warming," he said.

"As temperatures continue to rise the corals will experience more and more of these events. One degree Celsius of warming so far has already caused four events in the past 19 years.

"Ultimately, we need to cut carbon emissions, and the window to do so is rapidly closing."

The world's nations agreed in Paris in 2015 to limit average warming to two degrees Celsius over pre-industrial levels, by curbing fossil fuel burning.

Canberra in 2015 narrowly avoided UNESCO putting the reef on its endangered list, and has committed more than Aus\$2.0 billion to protect it over the next decade.

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*[I ask every Australian, is profit more important than Australia's magic living environment? If not*

*then vote with your feet and banish the two corporate-owned major parties into the political wilderness forever. Remember the biblical quote, to paraphrase, what does it benefit a man if he obtains the entire wealth of the world and loses his own soul (in the process?). Very wise words indeed. Every Aussie is now witness to their apathy when DIRECT ACTION was required. Direct political action is well overdue, banish the LIARS, CHEATS and INCOMPETENTS from Canberra permanently.]*

<http://www.9news.com.au/national/2017/04/10/13/09/zero-recovery-prospects-for-bleached-coral-at-great-barrier-reef>

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Jungle Drum Prose/Poetry. <http://jungledrum.lingama.net/news/story-2605.html>