



CITIZEN SCIENCE FOR THE FUTURE OF OUR REEFS



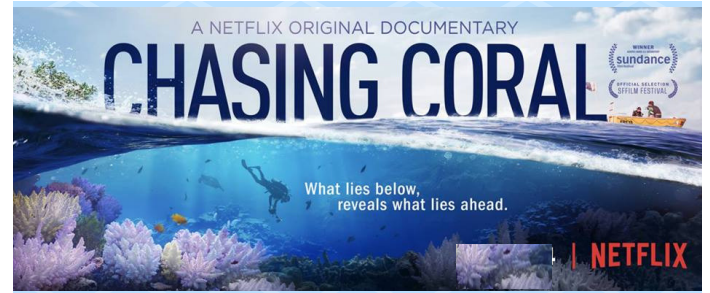


Capturing Coral Reefs and Related Ecosystem Services – MPA design workshop, Manila

24 June 2017 University of the Philippines - Dillilman

During a 5 day workshop, I was able to discuss with some of the government representatives from Palawan about CoralWatch and give some information packs and coral health charts out. I engaged with about 15 people and discussed how the data collection worked, unfortunately I did not bring enough charts but I will be able to redo Yes – I can re-do it for the next work shop

Maddie Davey



Chasing Coral film screenings

17 August Schonell Theatre UQ - 23 August Palace Cinema Barracks - 30 August West End

A must see film! Great movie but pretty intense. All sessions were booked out with interesting panel discussions afterwards. Diana attended the panel at the Schonell theatre Monique at the Palace Cinema Barracks and Justin during the screening in WestEnd. All screening were great collaborative events with ReefCheck, GCI and AMCS. Displays were organised before and after each screening. Thanks Maddie Davey for your assistance.

The screening of this movie can be organised by anyone, there is no cost involved. Just check out this website for more info <http://www.chasingcoral.com/screenings/>

21-25 AUGUST 2017 UQ Sustainability Week



UQ Sustainability Week

21-25 August 12-2pm Women's Fountain, Campbell place UQ

We held an information stall for students to come to engage with the work CoralWatch and ReefCheck do – plus some information on how to live more sustainably in Brisbane. We engaged with about 70 people. The setup, prizes, engagement, information provided and virtual reef worked really well. Photo booth was a tech glitch so not able to fix; initial engagement perhaps have people outside booth to lure others in. Really great day, nice to team with ReefCheck for events to share organisation. I think having more ways people can get into the volunteering side would be good. Perhaps we need to create a way to do this?

Maddy Davey



Rockhampton Grammar School Field excursion

31 August Great Keppel Island (Shelving and Monkey Reefs)

35 Students rotated in groups and buddypairs sharing tasks through the following activities:

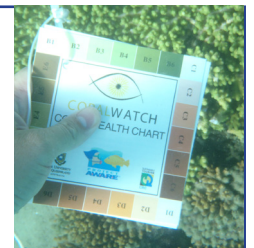
Year 10 Marine Operations:

- Marine Debris Removal and Classification (using Tangaroa Blue surveys) – Long Beach.
- Various citizen science surveys at both reefs – completion of a Reef Report Card and Field Study Booklet.

11 Aquatic Practices:

- Sand dune and coastal vegetation transect/survey (field study)
- CoralWatch and GBRMPA Eye on the Reef surveys at both reefs (for field study and Reef Comparison – School Assessment).

Great exposure for students to citizen science. *Phill Bessel*



Science Week Events



Young scientist day - National Science Week

17 August, CoralWatch display at Queensland Museum

As part of National Science Week I organised and hosted a CoralWatch display at the Queensland Museum. The display area provided plenty of opportunities for visitors of all ages to learn more about protecting our coral reefs and get involved with activities including our information table, coral displays to view and touch (provided by the Queensland Museum), quizzes, our virtual coral reef and Coral Health Charts, and interactive sheets (word searches, crosswords) and reef colouring-in activities) for our youngest budding citizen scientists.

The display was in a very good position and captured a lot of interest from passing visitors. We also have a very good size space which enabled me to set up a wide variety of activities, including an information table, and virtual reef, and a coral display table with corals for people to view and touch. Smaller tables and chairs were provided by the museum and set out with colouring pencils and reef colouring- in pages for children to colour and compare with the Coral Health chart. As there was museum seating nearby parents were able to relax while their children participated in the activities.

The Museum was extremely helpful with arranging for me to have the space for the display and also generously provided tables and chairs for the display and activities. Also being able to provide museum coral displays to view and touch not only promoted the work of the museum but also proved to be a great draw to visitors

Overall there were between 150 – 200 people who passed through, viewed and visited the display.

Maria Bavins



Science Week Fair

17 August, Kirwan State High School Townsville

This was a show case event for the school as part of the science week festivities. It involved a range of activities (see poster). The coral quiz developed by Lucy and Emily was run on stage by Shanelle.

Each Willows school house was represented by their house captains. The winner was awarded a trophy from KSHS. 100 people engaged in the event, a possible future spin-off is the Involvement in STEM club from now on..

Emily Wilson



Science and Technology expo

17 August Willows State Primary School

Also this event was part of the science week festivities. It was for students, family and community members. KSHS was participating as Willows is one of the feeder schools. Coral quiz developed by Lucy and Emily was run on stage again by Shanelle.

Emily Wilson



St Margarets School - Fitzroy Island

17 August, CoralWatch data collection, Small World Journeys
Bec, staff member from Small World Journeys introduced the CoralWatch program to 52 Students and 4 teachers. They went out to Fitzroy Island to collect CoralWatch data. The school will return next year so they can compare the data. Bec found the virtual poster is a great tool to explain the different corals.

Laurie Pritchard

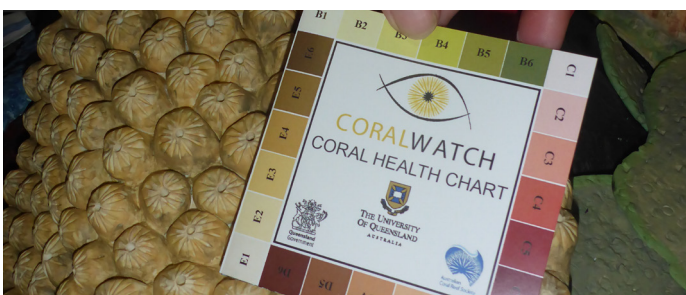
'Seeing the array of soft corals up here in Cairns and the bursts of colour at the reef today made me appreciate FNQ so much more! Today I was out at Moore Reef with my staff teaching them about Coral Watch, and we will put in the data tomorrow in the office. It's now hard for me to look at a coral without thinking "hmm...is that a D5?"

Laurie Pritchard



Official opening 'Art meets Science'

August 11 - September 8 Ecosciences Precinct, Dutton park
exhibition organised by Science Division, DSITI
Coral Reef exhibition by Hong Vo and CoralWatch Ambassadors.
About 40 people including acting chief of science attended the official opening of the exhibition. Hong was invited as merging artist to say a few words about the artwork. The exhibition is until September 8, we hope to make it a travelling display through Australia.



COMMUNICATING FOR CHANGE:

Science Communication Skills to help us care for Moreton Bay

20 August, Brisbane

An interactive workshop exploring how we can use communication approaches to help more people connect with our messages. The workshop was facilitated by Angela Dean and organised by ReefCheck for their ambassadors. Reefcheck kindly offered some free spots for our ambassadors and Maria attended.

We had Maria at our Sci Comm workshop and she's great! There was already plotting about bringing volunteer groups together.

Jenn (RCA)



ambassadors@reefcheckaustralia.org

In addition to all this

- Maddy G is currently on Heron and took all the CoralWatch permanent transect materials.
- Maria contacted Australian Coastal and Marine Ecology (ACME) based at Redcliffe. A consultancy that is interested in incorporating CoralWatch in their monitoring efforts.
- Monique and Diana setup the google drive and are working on the factsheets
- Maddie D will help to maintain and update the Ambassadors Facebook and Google Drive.
- April is planning to visit Yurrah school and do a presentation
- Communication with QBI Alzheimer research has started. Idea is to visit elderly homes to talk about Alzheimer and corals...hoping to raise donations.
- Maria has been in contact with Coastal protection Core (CPC) which is part of ACME. Their mission is 'Inspiring future generations' to protect our oceans and seek partnership with like minded organisations such as CoralWatch.
- Monique has met with ReefCheck and discussed collaboration opportunities between CoralWatch and ReefCheck Ambassadors. Maddie D has already organised 2 collaborative events and Hannah is planning future events with ReefCheck. We both want to reach out and inform the public. Why not try to work together: share organising and have a larger output.
- And I am sure there was more ...



MTAQ Conference

25-28 September, Orpheus Island

Adam has kindly offered to do CoralWatch presentation during this conference, focusing on teaching CoralWatch in the classroom, using his re-written assignment as an example. 25 teachers are expected to attend and hopefully there will be also an opportunity to take them in the water and collect some data.

Rockhampton Grammar School Fieldtrip 2017

12-13 September, Year 11 Biology, Keppel Islands

Phill will go with his students on a fieldtrip to the Keppel. Island Part of the program is collection of citizen science data using CoralWatch and Eye on the Reef monitoring techniques at two separate fringing reef sites, Big Peninsula and Monkey Reef.

Phill Bessell

Kirwan State High School visit to Indonesia

13-24 September Indonesia

Kirwan state school will take a group of students for an action packed sustainability tour to Indonesia. There will be a Coral Watch citizen science data collection opportunity at Gili Island and Nusa Lembongan.

Paddy McLeod, Emily Wilson



Reef BLITZ

ReefBlitz October 2017

What is ReefBlitz?

ReefBlitz is a QLD wide event organised by the GBR/Reef Citizen Science Alliance (GBR CSA) of which CoralWatch is part. The idea is to reach out as much as possible to as many people as possible and collect the most data ever in a month. Last year we organised a lot of events in Cairns and Brisbane, but this year the focus also on other parts of QLD such as Mackay, Whitsundays, Rockhampton, Townsville, Gladstone and Bundaberg. Check out: www.barrierreef.org/get-involved/events/reef-blitz

What is Great Barrier Reef Citizen Science Alliance (GBR CSA)?

GBR CSA is a network that fosters collaboration, capacity building, advancement and action for citizen science that benefits the Great Barrier Reef. In total, 14 citizen science groups including CoralWatch are part of this Alliance and work all together during ReefBlitz to reach out and collect as much data as possible. <http://greatbarrierreefcitizenscience.org.au/>

You can help and promote this ReefBlitz event (flyers etc will follow in September) or organise something with a ReefBlitz hat on so we can add those numbers to the collection.

If you are interested in helping/organising or have any other suggestions/opportunities/windows, please let us know so we can help assisting in organising.

Check the next page for our schedule of events.



Reefblitz 2016 - a collaborative effort in citizen science collecting data and raising awareness.

Scheduled program

29 September - 1 October – Mackay & Whitsundays

- CoralWatch will focus on Whitsundays and try to organise a Reef Encounter, public presentation and visit dive/tourism operators (training operators).

14 October – Gladstone

- Maybe Reef Encounter trip to collect data.
- Heron Island – permanent transects with HIRS students & data collection walk with Resort

15 October – Bundaberg

- Hannah will organise a CoralWatch data collection event and tries to collaborate with ReefCheck on this, to collect also ReefSearch data.
- Maybe a Coral Chasing screening.

14-15 October – Townsville

- 7 October – JCU has a STEM professional development for teachers – could be combined with fieldwork on the 8th on Maggie (tides are not favourable).
- 14 October – North Shore Markets – 7am to 12:30pm
- 14-15 October – Paddy has ear marked a school excursion to Maggie to collect data (good low tides).
- 14 October – Emily and Lucy are keen to help out with a display and activities at the Museum (there is already an exhibition ‘Colours on the Reef’) or Reef HQ (aquarium).
- 15 October – Emily and Lucy are keen to participate and help out with instructing CoralWatchers on Maggie.
- Jennifer Bannan (teacher KSHS and runs the Global Leaders STEM Club) works closely with Shanelle (Eco Club KSHS) and want to participate in ReefBlitz.
- Paddy happy to help and coordinate with contacts Reef HQ (Megan Connel) and Museum (Libby Pritchard).
- Maybe have the ‘Virtual clay Reef’ exhibit at the Townsville Museum or Reef HQ as part of the display (Emily / Lucy)

Additional ReefBlitz events in Townsville organised by CSA GBR October Event (not organised by CoralWatch)

- 3-4 CreekWatch for the GBR
- 4-8 Orpheus Island Clean Up
- 5 Beach Scrub Coastal Conservation (Cape Pallarenda)
- 6 Gardening for the Reef (Ocean View Plant Place)
- 10-11 CreekWatch for the GBR
- 12 Friends of Cape Pallarenda
- 13 Gardening for the Reef (Ocean View Plant Place)
- 16-20 Beach Scrub Coastal Conservation (Cape Pallarenda)
- 17-18 CreekWatch for the GBR
- 20 Gardening for the Reef (Ocean View Plant Place)
- 24-25 CreekWatch for the GBR
- 26 Beach Scrub Coastal Conservation (Cape Pallarenda)
- 27 Gardening for the Reef (Ocean View Plant Place)

21-22 October – Rockhampton

- Maybe Reef Encounter trip to collect data.
- FLOW education centre/FHP – educational activities, virtual reef and display

21-22 October – Brisbane

- Maybe Reef Encounter trip to collect data.
- 2x Reef Encounter educational/community boat trip on board MV Inspiration (MBEEC)
- ‘CoralWatch clay a Reef’ workshop in town hall together with other citizen science groups (Hong).

14-15 October – Brisbane

UQ UniDive FREA survey and data collection weekend.

28-29 October – Cairns

- Laurie has a large group of NSW students arriving on the 27th and will take them out to Fitzroy Island. Introducing students to CoralWatch and data collection; April and Leroy can attend.
- 21 October – Reef Encounter with Reef Magic to take Sea Walls artists to the Reef – maybe April and Leroy?
- 29 October – Fitzroy Island and Sea Walls – indigenous, rangers and artistic component – maybe April and Leroy?
- Maybe have the ‘Virtual clay Reef’ exhibit at the new Cairns aquarium.
- Art possibilities with/at Cairns & Far North Environment Centre (CAFNEC) such as Art Exhibit & Education evening? Or maybe Tanks Art Centre?

Additional ReefBlitz events organised in Cairns by CSA GBR October Event (not organised by CoralWatch)

- TBC Daintree Earthwatch mangrove monitoring links?
- TBC Beeswax wrap workshop (Plastic free event)
- TBC Boomerang Bags (plastic free event) – construct a boomerang bag – sewing workshop w/CAFNEC tbc
- TBC Seedball Clay and Geurilla gardening workshop – alternative revegetation for difficult site
- TBC Water quality monitoring?
- TBC Tangaroa Blue & CVA, Cape Kimberley quarterly clean up with CVA
- TBC Tangaroa Blue & CVA, Snapper Island clean up
- TBC ReefCheck & CoralWatch, Activity with ReefMagic
- TBC Cairns Aquarium education, Citizen science displays



**Reef
BLITZ**

Please let us know if you know of any other opportunities or add them to the calendar in google drive.