

Capturing Coral Reef & Related Ecosystem Services
(CCRES)

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Edition 03 | September 2014



CCRES Project Director Melanie King (left) and Ibu Ina Pranoto, World Bank. (Picture: M. Paterson)

Collaboration = respect + honesty + trust

Hello everyone.

The CCRES leadership team travelled to Selayar and Pangkep in South Sulawesi last month to investigate locations for a pilot site in Indonesia for the project.

The team, representing [Cornell University](#), [The University of Queensland](#) and [Currie Communications](#), was hosted by the World Bank Indonesia and the Ministry for Marine Affairs and Fisheries (MMAF).

Everywhere we went we were met by big smiles and enthusiastic

support, thanks in no small part to the goodwill generated by Ibu Ina Pranoto, at the World Bank, Pak Firdaus Agung (MMAF) and the COREMAP-CTI team in Jakarta.

In return, it was our pleasure at the UQ Global Change Institute to host representatives of MMAF who are visiting Brisbane, for a series of workshops, presentations and discussions this month.

Honesty, respect and trust are key ingredients in collaboration, so it has delighted me how open and transparent our partners, hosts and stakeholders have been when sharing what they know.

We look forward to sharing with you!

Melanie King

Project Director

A handwritten signature in black ink that reads "Melanie King". The signature is written in a cursive, flowing style. The "M" is large and loops around the "e". The "K" is also large and loops around the "i". The "n" and "g" are connected and flow into each other. The signature is positioned above a horizontal line.



MMAF delegation members included Ir. Didi Sadili (left), Ibu Anita Setianingsih and Dr. Firdaus Agung. (Picture: M. King)

UQ hosts Indonesian MMAF officials

The executing agency for the CCRES Project, the [UQ Global Change Institute](#), has hosted a visit by Indonesian Government marine conservation and planning officials at The University of Queensland (UQ) this month.

The aim of the visit for the delegation was two-fold:

- a. To further CCRES-[COREMAP-CTI](#) (Coral Reef Rehabilitation Management Program-Coral Triangle Initiative) discussions; and
- b. To learn more about how marine conservation planning approaches and methods in Australia might be able to be applied in an Indonesian context.

During the visit the seven-member delegation, comprising representatives from the Ministry of Marine Affairs and Fisheries (MMAF) and Bappenas, met with State agencies and UQ researchers and attended briefings by the Great Barrier Park Marine Authority (GBMPA) and the Healthy Waterways project.



President Benigno Aquino III presents Dr Gomez with his award.

UPMSI's Dr Gomez named National Scientist

The highest national recognition for Filipinos involved in physical

sciences and technology has been awarded to eminent UPMSI scientist, and CCRES Senior Advisor, Emeritus Professor Edgardo Gomez by Philippines president Benigno Aquino III.

President Aquino conferred Professor Gomez as a National Scientist in recognition of his studies on the reproduction of marine invertebrates, which prevented the extinction of true giant clams in the Philippines.

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CCRES meets Pangkep Head of District Drs H. Syamsuddin Hamid, Head of District, Pangkep (fourth from left) on Camba Cambang Island. (Picture: M. Paterson)

Where will we work in Indonesia?

The CCRES leadership team made a much-anticipated visit to Selayar

and Pangkep in South Sulawesi last month to investigate locations for a pilot site in Indonesia for the project.

CCRES Chief Scientist Professor Peter Mumby, from UQ, shares his thoughts from the visit [here](#) and as a record of who we met and what we did, we kept a 'travel diary' on our [Facebook](#) page.

The selection of the pilot site – Selayar or Pangkep – will be made officially next month.

Meet the team: Maius Marcelo, El Nido Foundation



When Irma Rose “Maius” Marcelo was a small girl visiting El Nido to see family, she remembers entering the Población bay on her uncle’s boat as like gliding through an aquarium.

“You could see corals and fish through the clear water, right in front of the town,” says Maius, executive director of the El Nido Foundation.

“For the townspeople, it was like having a refrigerator in front of the house. They did not take out more than they could eat.”

Now it’s a different story.

Photo: Maius Marcelo: an eyewitness to a

changing El Nido.

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A clown fish in a magnificent anemone, off Gusung Island, Selayar *(Picture: P. Mumby)*

Things we like: Gusung Island

Of course, not all our work during an inspection of potential pilot sites in Indonesia is on land and in meetings with stakeholders. We're in the water, too. Here's what we saw at Selayar.



CCRES Chief Scientist Peter Mumby (left) and Dr Alice Rogers. (Picture: M. Paterson)

Meet the team: Dr Alice Rogers

For a clear explanation of why the structural complexity of coral reef habitats is vital for fisheries productivity, you need look no further than [this summary](#) by Dr Alice Rogers.

For CCRES Dr Rogers seeks to assign value to the services provided by coral reefs and related ecosystems, and inform management decisions to maximize sustainable service provision.

Dr Rogers combines theoretical and empirical approaches to answer key questions about the conservation, restoration and management of coral reef ecosystems and the services they provide.

“I’m particularly concerned with understanding how local and global impacts alter the productivity and value of coral reef fisheries,” she

says.

At present, Dr Rogers and her colleagues at the [Marine Spatial Ecology Laboratory](#) at The University of Queensland are developing size-based food web models to estimate changes in community structure and fisheries productivity, in response to habitat degradation and declining reef complexity, as well as variation in planktonic and benthic productivity and fishing pressure.

Dr Rogers works with CCRES Chief Scientist Peter Mumby and the CCRES science [team](#), quantifying the value and market potential of coral reef and mangrove ecosystem services.



Makassar Strait, Pangkep, South Sulawesi: vast distances, many competing interests. (Picture: M. Paterson)

Did you know?

The district of Pangkep in Indonesia, covers 12,000sq km (93% of which is marine territory) and includes of 117 islands, the furthest of which takes two days and nights to reach by boat. Shipping, manufacturing, oil and gas exploration, traditional and commercial fishing, seafood exports, tourism and the ornamental coral trade all have a stake in the district's sprawling coastal environment.



Dr. Porfirio Alexander Aliño and his wife Dr. Hati Aliño, a Ph.D. graduate of UPMSI.

Academic peers recognise UPMSI's Perry Aliño

A distinguished member of the CCRES team, Dr. Porfirio (“Perry”) Alexander Aliño, has been honoured by his peers at the National Academy of Science and Technology (NAST) in the Philippines.

NAST Philippines has conferred the title of “Academician” to Perry in the field of Marine Chemical Ecology. Academicians are individuals who have earned a doctoral degree in any field of the sciences in an accredited university and demonstrated or earned distinction in independent research or significant innovative achievement in the basic and applied sciences.

Perry, representing the University of Philippines Marine Science Institute (UPMSI), is part of our team quantifying the value and market potential of coral reef and mangrove ecosystem services.



El Nido, Palawan *Picture: G Sheehan*

Where we will be

We visit **El Nido and Puerto Princesa**, Palawan, the Philippines, **17–21 November 2014**, for systems modelling and engagement training workshops with our in-country partners. Is El Nido, our Philippines pilot site, Asia's most secret paradise? Well, [The Age](#) in Australia thinks so.



(Picture: M. Milstein)

What we've heard

What does an anthem for ocean conservation sound like? Well, to find out, listen to this Indonesian song, [ilah](#) "jaga lautmu atau hancur"

("Save our seas"), which we heard during our visit to Selayar. The lyrics were penned by Selayar Police Chief AKBP M Hidayat B SH. S.IK. MH.

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The Capturing Coral Reef and Related Ecosystem Services (CCRES) Project is a regional technical support project that seeks to unlock new, sustainable income streams for coastal communities in the East Asia-Pacific region. CCRES will develop knowledge products - which inform the design of global, regional and national projects, plans and policies - and technical models and planning tools which assist with preparation of community-based coastal resource management plans.

