



Member Report

ICRI GM 27 - MR/Coral Reef Alliance (CORAL)

INTERNATIONAL CORAL REEF INITIATIVE (ICRI)

27th General Meeting

16 -19 June 2012 – Cairns, Australia



THE CORAL REEF ALLIANCE

Member's report on activities to ICRI

Presented by Coral Reef Alliance (CORAL)

Reporting period January - July 2012

1. **General Information** (note that this information will be posted on the ICRI website in your member page: <http://www.icriforum.org/about-icri/members-networks>)

Are you an ICRI Member?	Yes
Representation to ICRI (Country / Organization):	Organization
Focal Point 1:	
<i>Name:</i>	Michael Webster
<i>Organization:</i>	Coral Reef Alliance
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Focal point 2:	
<i>Name:</i>	Rick MacPherson
<i>Organization:</i>	Coral Reef Alliance
<i>Email:</i>	rmacpherson@coral.org
Last meeting attended:	25 th ICRI meeting – Apia, Samoa (2008)

For countries only:

National Action Plan / Initiative	
Do you have a National Coral Reef action plan or similar? If so please provide URL:	
If you are engaged in any regional programs / initiatives relating to coral reefs, please indicate which ones:	CORAL is involved in several regional coral reef initiatives including: <ul style="list-style-type: none">• Fiji Locally Managed Marine Area Network (FLMMA)• Bay Islands MPA Network• Mesoamerican Reef Tourism Initiative

2. **Updates on your activities** (new initiatives/programs/projects of your government /organization which will be of interest to the ICRI Members). Examples include MPA declarations, World Heritage sites status, economic valuation of reefs, policy changes in relation to coral reefs etc.

MESO-AMERICAN BARRIER REEF (MAR)

Mexico

MesoAmerican Reef Tourism Initiative (MARTI)

In March of 2011, Mexican President Felipe Calderón announced official plans to drive an additional twenty-five million tourists to Mexico over the next seven years. With tourism cited as one of the top contributors to poor reef health in the area, CORAL has stepped up our efforts with the MesoAmerican Reef Tourism Initiative (MARTI). The MARTI partners have been working directly with tourism stakeholders, including marine recreation providers, cruise lines, and hotels, to reduce their impacts on the marine environment. CORAL, a founding member of MARTI, has been central to these efforts, spearheading the initiative's work to promote sustainable marine recreation practices. As the secretariat of MARTI's steering committee for the next two years, CORAL has helped MARTI achieve two major milestones. MARTI has now appointed a diverse and talented board of advisors and hired its first director general who is now in charge of coordinating all partner efforts and identifying creative new opportunities to engage the tourism industry.

Sustainable Marine Recreation and Environmental Walk-Through

The CORAL Reef Leadership Network has now trained over 700 local tour guides in Cozumel in Sustainable Marine Recreation (SMR) workshops. CORAL is expanding our successful work with marine tourism operators and integrating our efforts with those of other MARTI partners. With nearly fifty conservation leaders trained as outreach educators through our CORAL Reef Leadership Network, our sustainable marine recreation trainings have now reached nearly all marine tourism operators on the island of Cozumel and we are now ramping up our efforts in Playa del Carmen and other key tourism destinations on the mainland.

Our CORAL Reef Leaders expanded the Environmental Walk-Through (EWT) survey area to include Cozumel, Cancun, and Puerto Morelos (part of Riviera Maya); we are now actively conducting EWT assessments in the three main tourist sites in the Mexican Caribbean and consequently reaching more than ten million tourists per year. In addition, CORAL and our non-profit partners encouraged government officials to adopt our comprehensive environmental performance assessment program as the universal instrument used to examine all companies working within the Cozumel Marine Park.

Belize

Mangrove Restoration

CORAL has been working with a local volunteer to monitor the mangrove growth at our mangrove plantation sites. After one year, the mangroves are flourishing with a much higher survival rate than mangroves at other restoration sites in the region.

To expand on this successful restoration effort, CORAL held a *Conservation in Action* workshop for business and tourism students from the San Pedro Junior College in December 2011. Over 20 participants developed action plans for community projects that aim to minimize threats affecting coral reef areas near San Pedro and assess the positive impact of ongoing conservation initiatives. A hands-on session resulted in the establishment of the High School Beach as a REM mangrove site that has become a component of a public recreational park that the San Pedro Town Council is planning for the area. Two informative signs were placed at the location to inform the public of the project and deter vandalism.

In addition, CORAL funded the purchase of one hundred mangrove encasements that were used to expand two current pilot sites that are now serving as a catalyst for community awareness and leadership: the mangrove seedlings will be planted at the High School Beach and Boca del Rio Park during Hol Chan's Reef Week activities.

Voluntary Marine Recreation Standards

In our ongoing efforts to turn over management of our sustainable business tools to a local entity, CORAL worked with the Belize Tourism Board to facilitate integration of the standards into their training programs. As an important first step, the Voluntary Standards and Environmental Walk-

Through Program were included as a component of their *Training of Trainers* workshop held in Belize City. The Belize Tourism Board is now working to develop standards for hotels and non-marine tour operators in an effort to improve quality of the national tourism product. In addition, CORAL, along with our partners at the San Pedro Tour Guide Association and the Hol Chan Marine Reserve, developed a strategic plan for continued engagement with tour operators based on results from Environmental Walk-Throughs. We have presented this to the Belize Tourism Board Quality Assurance team for their use in future planning.

CORAL conducted Sustainable Marine Recreation (SMR) trainings with three marine recreation providers. These trainings were completed in response to recommendations from CORAL's past Environmental Walk-Through assessments, designed to improve businesses' environmental performance. As a result of these trainings, instructors at these three businesses are now using the SMR course as a mandatory annual refresher for all their staff. These marine recreation providers also agreed to adopt the Voluntary Standards for Marine Recreation in the Mesoamerican Reef System as their formal company policy and to become active participants in ongoing conservation initiatives of the Hol Chan Marine Reserve and the San Pedro Tour Guide Association.

After receiving training in SMR, CORAL continues to provide ongoing support by checking in on operators once they have had some time to implement the standards. CORAL then performs EWTs to advise marine recreation providers on how to further improve their environmental practices and reduce impacts on coral reef ecosystems. Baseline EWT assessments have been carried out for over 20 operators in San Pedro and Placencia, representing almost 90% of the established marine recreation providers in these communities.

Honduras

Cordelia Banks – MPA Campaign



CORAL, along with our partners in Honduras, are focused on creating a new MPA for Cordelia Banks. Cordelia Banks—one of the Caribbean's largest known stands of endangered staghorn coral (*Acropora cervicornis*)—was recently designated an Area of Special Importance to Wildlife, the first step in ensuring this area receives full protection. While live coral cover averages approximately 17 percent throughout the Mesoamerican Barrier Reef, Cordelia Banks boasts an impressive 70 percent live coral cover. On June 2nd, CORAL joined Honduran dignitaries, local community members, and our conservation partners at the Roatan Ocean Festival to celebrate recent key conservation milestones, including enhanced protections for Cordelia Banks. Roatan's ocean festival celebrated this success and helped raise awareness of the continued threats to regional reef health.

Additionally we are working to protect Tela's Capiro Banks coral reefs. In May, Capiro Banks' 69% live coral cover was declared a protected area under municipal decree.

Bay Islands MPA Campaign

In 2010, Honduras took a bold step for conservation by establishing the Bay Islands Marine National Park, adding a total of 647,152 hectares of MPA and buffer zone. CORAL is leading the initiative to create socially and ecologically connected network of MPAs within the Bay Islands. We are currently

developing a Bay Islands National Park Management Plan while increasing support and engagement from the community, government agencies, journalists, NGOs and other partners.

Honduran Scuba Diving Standards

CORAL led a pioneering grassroots effort in Mesoamerica to produce the world's first industry-developed set of voluntary marine recreation standards. Published in 2007, these standards establish good environmental practices for marine tourism businesses to follow to minimize their impacts on the Mesoamerican Barrier Reef. Since the launch of the standards, CORAL has worked with companies throughout the region to help them successfully adhere to the guidelines and reduce the impacts of tourism on their reefs. In June, our voluntary standards became incorporated into Honduras's Normativa para la Actividad de Buceo, or Honduran Dive Standards Requirement.

MPA Presentation at Blue Economy Workshop in Monaco

Creating effective marine protected areas was the topic of CORAL's presentation at the recent Blue Economy workshop in Monaco, a preparatory meeting for the upcoming Rio +20 UN conference on sustainable development. Hosted by Prince Albert II, the gathering provided CORAL an opportunity to educate the international policy community-including key members of the UN delegation-on best practices in coral reef conservation. We shared examples of our success working with the Roatan Marine Park in Honduras. Our presentation received much attention and underscored the importance of developing effective management tools to alleviate local reef threats and create community buy-in for park management.

Sustainable Seafood Outreach Materials

CORAL and our partners presented the 2012 Bay Islands Responsible Seafood Guide to Honduras' Vice Minister of Tourism. The one-page seafood guide employs a traffic light system (green, yellow, red) to help restaurants, retailers, and consumers make informed choices about the species they buy, sell, and consume. Our network of CORAL Reef Leaders distributes the seafood guides throughout the region and trains participating businesses to steer demand away from species at risk. Furthermore we also printed 300 seafood guide posters, 2000 table guides, and 60 banners for sustainable seafood restaurants.

INDO-PACIFIC REGION

Fiji

Fiji Shark Sanctuary Campaign



CORAL is working in partnership with the Pew Environment Group and the Fijian Ministry of Fisheries to raise awareness for shark protection in Fiji through the creation of a Fijian National Shark Sanctuary.

We anticipate having the Fiji Shark Sanctuary voted on by the Fijian Cabinet in the next coming months. In the meantime, Fiji's sharks, and CORAL's campaign to protect them, have gained a few dozen formidable allies. Fiji's police officers, often the first line of defence in protecting Fiji's coral reefs, are a critical component of successful shark conservation in Fiji. This season, both the Police Sharks rugby league team and the Somosomo Sharks club team are urging their fans to save Fiji's sharks.

Like sharks, rugby is ingrained in Fijian culture; the sport has been declared the nation's most popular pastime and the country has the highest player-to-population ratio of any rugby-playing nation, according to the International Rugby Board. The two newly sponsored teams will raise awareness of

the shark's plight and CORAL's shark sanctuary campaign as they tour Fiji's 300+ islands and beyond, reaching thousands of rugby fans who may not normally be plugged into Fiji's conservation community. Additionally, the Fiji Police Sharks rugby league team—the current holder of the International Police Rugby League World Cup—will carry our cause to the UK as they defend their title this year.

Kubulau Community Management of Namena Marine Reserve

CORAL's oldest project site, the Namena Marine Reserve, is a shining example of the power of local communities to manage their coastal resources. The Namena Marine Reserve is a compelling example of how locally driven conservation actions can effectively protect coral reef ecosystems. This conservation initiative has matured to the point where local communities are poised to fully take the reins, allowing external organizations like CORAL to transition from an implementing to an advisory role. We are working on revising a Business Plan that provides realistic targets, guides the development of financing mechanisms and allocation of funds, and transfers implementation responsibilities to the Kubulau Business Development Committee. We are also working on a Management Plan to inform effective and financially sustainable management decisions.

The Kubulau community has taken steps towards ensuring a successful management transition. They have created the Kubulau Business Development Committee to act as an advisory council for deciding how best to invest and acquire funds to continue the effective management of Fiji's Namena Marine Reserve. Recently, CORAL headquarters program staff spent five weeks in Fiji learning what resources community leaders need to take on autonomous leadership of local conservation management, our ultimate goal in all of our project sites. In addition, CORAL trained and qualified twenty residents of Kubulau and nine residents of Wainunu as fish wardens; these individuals now join the larger group of wardens charged with enforcing Fiji's fishing laws and managing local marine protected areas.

Natural and Cultural History Guide to Kubulau District, Fiji

From the world's largest beetles to the elusive Fiji petrel and the newly discovered Nai'a pipefish, the Kubulau District and the broader Vatu-i-Ra Seascape region of Fiji host some of the world's most extraordinary species. This area's diverse ecosystems hold an exceptional amount of biodiversity and a high number of rare and endemic species. These species are not only ecologically important, but also culturally significant—the people of Kubulau have deep ties to their natural environment.

Concerned that his people were losing some of their traditional stories and knowledge, Kubulau's high chief, Ratu Apenisa Vuki, sought a way to record and showcase this information. CORAL partnered with the Wildlife Conservation Society (WCS) to make his vision a reality and ensure that the project would bring valuable benefits back to the community. CORAL and WCS interviewed community elders to gather their stories about the area's species and how they have traditionally been used for medicine, decorative arts, building materials, food, and totem spirits. We also researched scientific and conservation information about many of the region's most fascinating plants and animals.

This extensive project culminated in the production of a beautiful guidebook, *Ecotales from Kubulau: A Guide to the Cultural and Natural Heritage of the Vatu-i-Ra Seascape*. Not only does the guidebook preserve traditional information for the community and encourage younger generations to continue future conservation practices, but it also shares the richness of Kubulau's traditions and ecology with the world. Funds generated from book sales will support ongoing conservation and management of the Namena Marine Reserve.

Indonesia

Sustainable Financing Steps for Amed LMMA

While marine recreation is a boon to the local economy, there is limited effort to manage tourism, fishing, and other human-related impacts to the local reef system. CORAL is spearheading the development of a user-fee system in Amed that would secure sustainable financing for the management and conservation of its locally managed marine area (LMMA). CORAL is well adept at designing effective and transparent user-fee programs from our experience working in Fiji's Namena

Marine Reserve, Honduras' Roatan Marine Park, and Indonesia's Raja Ampat community. While these programs continue to thrive and bring tangible benefits to their communities, they could not have been successful without initial buy-in from local residents.

CORAL is taking a similar approach in Amed by working with LMMA management staff and local marine tourism operators to assess how the user-fee would be perceived by tourists while at the same time building community support for the program. We developed a "willingness to pay" survey and enlisted several local university students to conduct interviews with tourists at dive shops in the region. From a pool of over 100 respondents, the majority of those polled indicated that they were happy and willing to pay a fee in order to help conserve the local reef system. The surveys also provided important feedback about the preferred fee amount and what specific conservation activities tourists would most like to see their fee used for. With this helpful data, we are well on our way toward designing a sustainable LMMA that is financed by the local tourism industry.

Building Alliances with Amed Government for LMMA Support

In February, CORAL partnered with Reef Check Indonesia to conduct a one-day workshop for several Indonesian government agencies who are involved in CORAL's CRSD efforts in the Amed region of Bali. The ten government officials represented the National Planning Agency, the Ministry of Tourism and Creative Economy, the Ministry of Environment, the Ministry of Marine Affairs and Fisheries, and the Ministry of Agriculture.

In collaboration with key stakeholder groups, CORAL launched several projects to protect Amed's marine environment from the damage caused by garbage drifting offshore. In Amed, proceeds from dive tags will fund coral reef conservation initiatives and waste control measures, such as garbage bins, marine debris traps, and composting facilities.

CORAL's work session ignited important dialogue between government agencies. By dissecting these case studies, government officials, CORAL staff, and community partners, were able to collectively identify several strategies for increased efficacy in Amed and Bunutan. While visiting an Amed village, the government representatives were able to personally discuss the project with local stakeholders and hear first-hand testimony describing how the community has benefited from conservation initiatives.

Steps Towards a Bali-wide LMMA Network

From our initial pioneering work in Amed in partnership with the Reef Check Indonesia Foundation, CORAL has now built strong partnerships with local and international NGOs. All of these partners have demonstrated a common interest in the creation of a Bali LMMA network, and conditions are ripe to pursue an ecologically connected and socioeconomically sustainable network of marine protected areas across the coastlines of three Bali regencies of Buleleng, Karangasem, and Klungkung. By expanding our successful approach of outreach and economic planning in Amed to neighbouring villages within the regency, continuing to reach-out to new regencies to support their LMMA objectives, and by engaging decision-makers at the provincial level in Bali, we see a future where durable co-management and financing for the conservation of Bali's coastal resources is secured.

In parallel with a collective effort to build support of an LMMA network, CORAL will work to expand the user fee system within Amed as a means of generating revenue for LMMA management issues there. Rather than developing a patchwork of local user fee systems, we propose developing a Regency level LMMA Entrance Fee for Karangasem which would encompass all villages and LMMAs. The advantages of this approach include capturing more revenue, simplifying entrance fees for tourists and marine operators, and balancing revenue across LMMAs to support co-management of the LMMA network.

Shark Conservation Campaign

We have had a variety of shark conservation activities occur in Raja Ampat. CORAL's Sharks for the Future film, *Shark Sanctuary*, secured Nicholas Saputra—one of Indonesia's leading actors and a diving enthusiast—to narrate the story. *Shark Sanctuary* received much praise at its May 8th debut during Raja Ampat's birthday celebration. We held three showings throughout the day, and filled the viewing space to capacity each time. The following day, Raja Ampat's Ministry of Marine Affairs and

Fisheries showed the film on the beach during a public viewing that attracted more than 100 people. We played *Shark Sanctuary* in Bali at the first ever Coral Triangle Beach Festival on June 9th, and will post a shorter version of the film soon.

CORAL has been collaborating with a team of youth education experts to train teachers in the Raja Ampat region of Indonesia on how best to integrate shark conservation, as well as more broad marine science topics, into their existing lesson plans. During an intensive ten-day training, which included teachers from an elementary school in Yelu village and from a junior high school in Dabatan village in South Misool, our partners taught educational theory, led group curriculum exercises, and helped the participants develop strategies for spreading the shark campaign message in their villages. Now that these teachers have successfully completed the course, they have returned home to conduct replication trainings with their colleagues and partner schools. This model allows them to continue to broaden the knowledge base and share best practices with a broad segment of local teachers in Raja Ampat. As the teacher training program progresses, CORAL will be providing mentoring support and microgrant funding to help guarantee the program's continued success.

We promoted our *Sharks for the Future* student writing and drawing competition in over 100 elementary and high schools in Raja Ampat. To help raise awareness about the competition, we developed several eye-catching posters. The posters include vibrant pictures and cartoons of local shark species, messaging around the importance of sharks to the local community, and important details about the competition. To supplement the posters, we ran several public service announcements in community newspapers and on regional radio to promote the competition.

Hawaii

Sustainable Marine Tourism Operators and Environmental Walk Through

CORAL has enlisted approximately one third of marine recreation providers on Hawaii Island to sign on to the West Hawaii Voluntary Standards for Marine Recreation. Our goals for marine recreation provider moving forward are twofold: to deepen engagement with those currently signed on, and to increase the number of operators participating to fifty percent.

After revising our Environmental Walk-Through tool, CORAL conducted assessments with operators and performed exit surveys with customers on the associated dives. These assessments indicated that while operators are following many of the standards, there is some room for improvement; ongoing training and follow up are needed. We also found that the new methodology of the Environmental Walk-Through is supported and appreciated by management and staff alike, and has proved to be an effective tool for assessing the standards. CORAL also developed an online version of the assessment tool, utilizing elements of the EWT and the exit survey to obtain additional third-party feedback. This tool is in the process of being finalized, and an outreach piece with the link to the survey will be disseminated to operators, hotel concierges, and CORAL members.

Engagement with Hawaii Hotels

CORAL has just launched an initiative in Hawaii that promotes sustainable tourism and reef stewardship within the state's accommodations sector. CORAL is providing important tools to help hotels increase their sustainability while also acknowledging those who engage in conservation efforts beyond the standard water and energy reduction practices. We expanded our efforts to engage the luxury and high-end hotels on Hawaii Island, Maui, and Oahu. We developed a comprehensive survey for Hawaii hotels, which focuses on current environmental practices and gauges their receptiveness toward working with CORAL on a number of sustainability projects. We have secured commitments from hotels through an informal agreement to implement at least seven of the fifteen stewardship and sustainability activities described within the survey. The survey includes a section where hotels can indicate their level of willingness to engage in various activities, and as the surveys are completed, their responses are providing a basis for further engagement with hotels, and will allow CORAL to identify needs and opportunities to assist and facilitate the implementation of new environmental initiatives (including training hotel staff).

We are also creating a Hawaii Hotel Stewardship Guide that will aid the hotels in increasing their environmental practices. In addition, some of the hotels we are engaging with have now ordered reef etiquette signs to display on their property, worked with CORAL to develop in-room reef etiquette outreach collateral piece, and are now displaying flip charts at their concierge desks to promote education and outreach to their guests.

Improving Threats to Hawaii's Watershed

Hawaii is facing three growing—and interrelated—environmental issues: water scarcity, coastal nutrient pollution, and increases in water-borne infections. All three of these issues are likely exacerbated by inadequacies in current water treatment and reuse practices and infrastructure. CORAL's long-term objective is to help minimize all three of these threats by increasing the use of a straightforward technological solution: use reclaimed wastewater to lessen demand for potable water and reduce the need for the injection wells that are driving nutrient-laden wastewater to reefs.

We are coordinating with watershed management as well as partnering with recognized experts in water use and reclamation to more effectively implement this project. Our goal is to increase the use of reclaimed wastewater and lessen demand for potable water, while simultaneously reducing the input from injection wells that are driving nutrient-laden wastewater to reefs.

ADDITIONAL PROGRAMS

Global Reef Resilience to Climate Change Program



Through our grant from the U.S. Department of State's Bureau of Oceans, Environment, and Science we were able to launch a two-year global training and management program to increase reef resilience to climate change around the world. This is our first grant that has allowed us to implement conservation trainings and expand significantly beyond our current project sites.

The first training held in Bali, Indonesia targeted MPA managers while the second training focused on MRP (marine recreation providers). Participants from the two training cohorts had three months to schedule, plan, and implement their in-country replication trainings for a minimum of ten participants each. Of the eleven participants from the Amed training, ten have completed their replication trainings, reaching a total of 177 additional coral reef managers and conservationists trained. Of the ten participants from the Caribbean cohort, seven have implemented their replication trainings or are planning to incorporate their replications as a component of their microgrant projects.

In addition to replications, Indo Pacific and Caribbean cohorts began identifying potential conservation projects for microgrant implementation. Ten microgrant projects are in various stages of development and implementation and range from creating an endangered coral reef nursery preserve to supporting MPA management plans and codes of conduct through new MPA boat engines and mooring buoy installations.

Coral Reef CSI Partnership

In May 2012, Coral Reef CSI launched a vessel grounding pilot workshop in Florida. Approximately one-third of the CRCSI Florida workshop involved a large number of components that were greatly expanded or brand new when compared to the standard CRCSI workshop format. We included new lecture and field activity sections such as: Operational Risk Management, Table-Top Incident: Notification, Mini-ICS (involving Trustee, RP, Response Elements), Modified SCAT: Field Intelligence for In-Water Investigations/Coastal, Modified SCAT Exercise, Media Press Release Review, Fingerprinting, Coastal Impact Investigation, Emergency Restoration/Restoration/Compensatory Mitigation & Field Investigation, Oil Spill Fingerprinting, and Boat Paint Chip Fingerprinting.

All participants received or made their own underwater dive slate, underwater half-meter stick, toolkit investigation guide, USB thumb-drive, and certificate of participation. In addition, they also received vessel grounding focused: toolkit investigation guide, field forensic pack, and underwater flipbook.

3. Contribution to the ICRI GM

Your responses to the following questions will assist the Secretariat in assessing contributions towards the major themes of the current ICRI action plan and objectives of the general meeting.

a. Management effectiveness

Are you engaged in an assessment of management effectiveness in your marine areas? If so, the ICRI Secretariat invites members to provide a 5-minute presentation on a case study relative to assessing the management effectiveness of an MPA during the management effectiveness workshop that will be held on the Tuesday (17 July). The 5 minute presentation will provide an overview of:

- What kind of assessment was undertaken
- How the results of this assessment are being used.

The presentation can be illustrated with a PowerPoint presentation or not; if a PowerPoint is used than it should not exceed 5 slides.

Please indicate whether you would like to provide a presentation as described above:

☐ YES ☒ NO

Is there any other aspect of management effectiveness you would like to share with ICRI members?

b. Community stewardship

Are there any activities or initiatives involving community engagement in coastal marine management that you are involved with?

MESO-AMERICAN BARRIER REEF (MAR)

- **Mexico**
 - **Cozumel** – We have supported sustainable seafood and lionfish materials in the form of cookbooks and seafood guides. They have been distributed to and by Cozumel restaurants, MRPs, Board of Tourism, Municipality, and hotel and restaurant associations.
- **Belize**
 - **San Pedro** – CORAL volunteers and MPA staff planted mangroves in several pilot locations. Also, we hosted the first of over six lionfish tournaments in San Pedro with our Hol Chan Marine Reserve, San Pedro Tour Guide Association, and local community partners. The lionfish tournaments have resulted in over 3600 lionfish removed from the MPA in addition to generating support by tourists and restaurants. Furthermore, we have funded the production over 50 lionfish spears. The spear was

created by one of our Coral Reef Leadership volunteers and has since been officially endorsed by the Belize National Fisheries Department.

- **Placencia** – We are supporting a local mooring buoy group through funding for mooring buoy installations in addition to helping them obtain non-profit status.
- **Honduras**
 - **Roatan** – CORAL and our partners have supported the protection of Cordelia Banks and Capiro Banks. Furthermore, we have funded sustainable seafood materials that promote sustainable seafood restaurants and the consumption of lionfish in the form of seafood guides, posters, table guides, and restaurant banners.

INDO-PACIFIC REGION

- **Fiji**
 - **Namena Marine Reserve** – Through training and support we are guiding the Kubulau Business Development Committee to act as an advisory council for deciding how to acquire and invest funds to support the Namena Marine Reserve. Additionally 29 residents were trained as fish wardens who are charged with enforcing Fiji's fishing laws and managing local MPAs.
- **Indonesia**
 - **Amed** – We are working with local marine recreation providers (MRPs) to create an LMMA. In addition, our MRP partners are now selling Amed LMMA dive tags based off of our Fiji Namena Marine Reserve dive tag model.
 - **Raja Ampat** – We have partnered with a local hotel operator to patrol a 1220 sq km no-take zone in Southeast Misool. Furthermore, we are working with school teachers, movie stars, government officials, and the community to raise awareness about shark conservation.
- **Hawaii**
 - **Maui** – CORAL is working with community volunteers to monitor water quality and log data samples online. Also, we are working with hotels to increase their reclaimed water use thereby reducing wastewater injection into the ocean.

4. Is there any other topic you would like to raise during the meeting?

☐ YES ☒ NO

If yes, please indicate which topic and the reason why you would like to raise it:

5. Please list publications, reports you have released since the last meeting.

Title (incl. author and date)	Type of publication (Paper, report etc.)
Normativa Para la Actividad de Buceo en Honduras – Honduran Government Diving Standards (Instituto Hondureño de Turismo – Honduras Tourism Institute; Jenny Myton contributed our Mesoamerican Voluntary Standards; 2012)	Government standards handbook
Bay Islands Responsible Seafood Guide (Jenny Myton; 2012)	Pocket guide
Fiji: Local Management Yields Multiple Benefits at the Namena Marine Reserve (Heidi Williams and Stacy Jupiter, 2012)	Report within World Resource Institute <u>Reefs at Risk Revisited</u> book
Ecotales from Kubulau: A Guide to the Cultural and Natural Heritage of the Vatu-i-Ra Seascape (Natalie Askew, Margaret Fox, and Stacy Jupiter, 2012; edited by Coral Reef Alliance)	Book
Anchors Away: How Fiji Saved its Reefs (Alexa Bach-McElrone; 2012)	Article
CORAL Current – 2011 Annual Report Edition (CORAL; 2012)	Report

Sustainable Consumption Guide – Cozumel Seafood (Kenneth Johnson; 2011)	Pocket guide
The Socio-Economic Value of the Shark-Diving Industry in Fiji (Helen Sykes; 2011)	Report
Making a Difference: An Action Guide to Marine Conservation in Hawaii (Liz Foote; 2011)	Handbook
Lionfish Cookbooks for Cozumeleños (Kenneth Johnson; 2011)	Book

6. Please indicate upcoming coral reef-related meetings you will attend

International Coral Reef Symposium, 9-13 July, Cairns, Australia ☒

IUCN World Conservation Congress, 6-15 September 2012, Jeju ☐

➔ *Are you planning to organise a side event? Please indicate:*

11th Meeting of the Conference of the Parties on Biological Diversity (COP-11), 8-19 October 2012, Hyderabad, India ☐

Other:

International Coral Reef Initiative (ICRI), 16-19 July 2012, Cairns, Australia

Hawaii Conservation Alliance (HCA), July 31-August 2, 2012 Honolulu, Hawaii, USA