



Member's report on activities related to ICRI

Reporting period December 2015 – November 2016

1. **Contribution to the ICRI Plan of Action and GM.** *Your responses to the following questions will assist the Secretariat in assessing contributions towards the major themes of the current ICRI Plan of Action (<http://www.icriforum.org/icri-secretariat/current>) and objectives of the general meeting.*

a. Bleaching event

Were you affected by the Third Global Coral Reef event? Did you do some monitoring, if yes what are the results and could you explain what method did you use? Would you like to report during the ICRI Meeting?

As of September 2016, there have been reports of colonies beginning to bleach. No formal monitoring was undertaken

- b. INDCs - Intended Nationally Determined Contributions** – *Did your national contribution mention 'marine ecosystems or coral reefs'? Would you be interested in joining an Ad Hoc committee to develop guidelines to integrate coral reefs in the INDC?*

Barbados' INDC makes only fleeting reference to coral bleaching but notes coastal zone management as part of the adaptation strategies for climate change

- c. Nature-based Solutions to address Climate Change** – *Do you have some example(s) of Nature-based (coral reef and related ecosystems) Solutions to address climate change? If yes, could you please provide use some details?*

The Coastal Zone Management Unit is currently piloting techniques for coral nurseries: both in-situ and ex-situ to assist in mitigating the impacts of Climate Change e.g. storm surge

- d. UN Sustainable Development Goals** – *Do you have example(s) showing how coral reefs and related ecosystems address the SDG (SDG 14 but also other related ones such as SDG 1 – End poverty in all its form; SDG 2 – End hunger, achieve food security and improved nutrition...)*

Current efforts to establish a new marine protected area in the south west of Barbados; piloting coral restoration techniques both pertain to targets under SDG 14

- e. Do you have notional measure(s) – existing or in development - to ban the sale and manufacture of cosmetics and personal care products containing plastic microbeads? And plastic bags?**

None

2. **Updates on your activities.** The following table is a summary of ICRI's *Framework for Action* (FFA) and its four cornerstones. (The full text of the FFA is available in English, French, and Spanish at <http://icriforum.org/icri-documents/icri-key-documents/continuing-call-action-2013>).

Integrated Management	Objective	Manage coral reefs and related ecosystems using an ecosystem approach, recognizing place based activity; connectivity within and among ecological, social, economic, and institutional systems; as well as with attention to scale; resilience of ecological and social systems; and long-term provision of ecosystem services.
	General Approach	Integrated management, using a strategic, risk-based, informed approach, provides a framework for effective coral reef and related ecosystem management which supports natural resilience, ecosystem service provision, and enhances the ability to withstand the impacts of climate change and ocean acidification.
	Desired outcome	There is a demonstrable reduction in the threats to coral reefs and related ecosystems through management action.
Capacity Building	Objective	To build capacity in all facets of management of coral reefs and related ecosystems and support dissemination and application of best practices to achieve the widest possible engagement of all stakeholders in planning and management activities.
	General Approach	Continued collaboration, partnerships, outreach, information sharing and education to ensure the uptake of best practices and encourage behavioural change. This can only be successful if the diversity of cultures, traditions and governance among nations and regions are taken into account.
	Desired outcome	Persons who have influence in the management of coral reef and related ecosystems have the knowledge, tools and capital necessary to apply best practices, adapted to the cultural and socio-economic context.
Science & Monitoring	Objective	To support research and citizen science approaches to enable countries and communities assess and report on the status of and threats to their coral reefs and related ecosystems in a coordinated, comparable and accessible manner.
	General Approach	Research and monitoring programs are essential to ensure that management of coral reefs and related ecosystems is based on best available (scientific) information.
	Desired outcome	Knowledge of the status and trends in coral reefs and related ecosystems health is enhanced and used to inform planning and management, improving management outcomes.
Periodic Assessment (Review)	Objective	To engage in periodic review of the impact and effectiveness of all elements of management to enable evaluation and refinement of management measures in an adaptive framework.
	General Approach	Periodic assessments of management effectiveness and evaluation of projects and activities to ensure the efficacy of management tools and systems in tackling the range of pressures affecting coral reefs and related ecosystems and protecting the values associated with them.
	Desired outcome	Management processes and activities are regularly reviewed and improved using a structured approach, to enhance their ability to effectively reduce pressures and threats.

Using the table on the previous page, as well as the detailed descriptors of approaches and strategies available in the full text of the FFA as a reference, please give us an update on an activity/project/program(s) which has been particularly successful in your country/organization during this reporting period.

Project 1

Cornerstone(s) implemented through the project	Check all that apply: <input checked="" type="checkbox"/> Integrated Management <input checked="" type="checkbox"/> Capacity Building <input checked="" type="checkbox"/> Science & Monitoring <input checked="" type="checkbox"/> Periodic Assessment (Review)
Project Title	Coastal Risk Assessment and Management Programme (CRMP)
Location	Barbados

Dates	2012- 2019
Main Organizer(s)	Coastal Zone Management Unit (CZMU), Inter-American Development Bank (IDB)
Main Stakeholder(s)	Government of Barbados
Description of Project (Please elaborate on how the project implements the FFA cornerstones)	<ul style="list-style-type: none"> • Base-line Studies to provide information on coastal environment inclusive of reefs (Science and Monitoring) • Circulation and Water Quality Study and Ecosystem based adaptation Project aim to examine reef health and identify potential stressors on coral reef ecosystems. Feasibility for coral nurseries to be explored. (Science and Monitoring; Integrated Management) • Institutional Strengthening Component aims to improve both knowledge and collaboration among CZMU and other stakeholders. (Capacity building) • Review of Coastal Zone Management Act and Integrated Coastal Zone Management Plan will be undertaken (Periodic Review)
Outcome (Expected outcome)	<ul style="list-style-type: none"> • Updated information on coastal environments and associated coastal risk • Pilot coral nursery completed allowing assessment and consideration of this approach • Updated legislation and management plans
Lessons learned	
Related websites (English preferred)	http://www.iadb.org/en/projects/project-description-title,1303.html?id=BA-L1014 http://www.coastal.gov.bb/?q=content/coastal-risk-assessment-and-management-programme

Project 2

Cornerstone(s) implemented through the project	Check all that apply: <input checked="" type="checkbox"/> Integrated Management <input type="checkbox"/> Capacity Building <input type="checkbox"/> Science & Monitoring <input type="checkbox"/> Periodic Assessment (Review)
Project Title	Mooring Buoy Programme
Location	West and South-West Coasts of Barbados
Dates	Ongoing
Main Organizer(s)	Coastal Zone Management Unit (CZMU)
Main Stakeholder(s)	Recreational Users
Description of Project (Please elaborate on how the project implements the FFA cornerstones)	<ul style="list-style-type: none"> • Through collaboration with dive operators, mooring buoys at popular dive sites are established and maintained (Integrated Management)
Outcome (including expected outcome)	<ul style="list-style-type: none"> • Elimination of anchoring at reef sites
Lessons learned	Improper use still occurs; public education must be improved
Related websites (English preferred)	N/A

Project 3

Cornerstone(s) implemented through the project	Check all that apply: <input checked="" type="checkbox"/> Integrated Management <input type="checkbox"/> Capacity Building <input type="checkbox"/> Science & Monitoring <input type="checkbox"/> Periodic Assessment (Review)
Project Title	Ongoing designation process for new MPA
Location	Barbados, South West Coast
Dates	Ongoing
Main Organizer(s)	Coastal Zone Management Unit (CZMU), National Conservation Commission (NCC)
Main Stakeholder(s)	GoB, Fisherfolk, Recreational Users, Hoteliers
Description of Project (Please elaborate on how the project implements the FFA cornerstones)	<ul style="list-style-type: none"> • To address user conflicts and conservation concerns, a Marine Protected Area is to be established on the South West Coast of Barbados. (Integrated Management) • Boundaries for protected area, management zones and zonal regulations to be determined through stakeholder consultation (Integrated Management)
Outcome (Expected outcome)	<ul style="list-style-type: none"> • Functional Marine Protected Area informed by consultative process with participatory governance. • Funding alternatives are being explored through a Blue Finance project
Lessons learned	
Related websites (English preferred)	N/A

Note: If you have more activities/projects/programs you would like to report on or share with other members, please duplicate the table above and fill it in for as many projects as you wish.

3. **Publications.** Please list relevant publications/reports you have released during this reporting period.

Title (incl. author and date)	Website URL if available	Type of publication (Paper, report, etc.)

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

Member type (Country / Organization):	
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Thank you very much for sharing your valuable experiences and information with ICRI.