



ICRI Member's Report

THAILAND

Reporting period December 2017 – November 2018

1. **Reporting on the ICRI Plan of Action 2016-2018.** *Your responses will help inform the Secretariat about members' contributions toward the previous Plan of Action.*

a. **Please list any relevant examples from your organisation/country of investment/projects to protect and restore the natural infrastructure of reefs and mangroves.** (See Goal (1) 2 [ICRI Recommendation for supporting investments in the natural infrastructure of reefs and mangroves to increase climate resilience](#)).

- Coral restoration projects, supported by Department of Marine and Coastal Resource, universities and private organizations.

b. **Has your organisation/country made any progress in the following areas to target anthropogenic pressures?** Please give detail below. Note: If no change since your last ICRI member report, please write 'no change'.

Encourage ban of plastic microbeads in cosmetic products. (See Goal (3) 2 & [See ICRI Recommendation to reduce plastic microbeads pollution in marine environment](#)):

- encourage tourists using ecologically friendly sunscreen
- Marine national parks do not allow tourists to bring any plastic bags and single-use plastics into the parks

Improve regulation and enforcement to reduce direct anthropogenic damage due to dredging and physical alteration of reef structures. (See Goal (3) 3 & [ICRI Recommendation to reduce damage due to dredging and dumping on coral reefs](#)):

No change

Deployment of mooring devices limiting the mechanical destruction of coral reefs and seagrasses. (See Goal (3) 4).

- installed and repaired mooring buoys at dive sites in the Gulf of Thailand and the Andaman Sea: marine national parks, Department of Marine and Coastal Resources, NGOs

- c. **Did your organisation/country celebrate International Year of the Reef?** Please give details below. (See Goal (5) 1 & [ICRI Recommendation designating 2018 as the third International Year of the Reef](#)):
- Reef Restoration at Hae Island (Southern Thailand)
 - Reef Watch Trainings at Chulabhorn Underwater Park Conservation Centre, and Marine and Coastal Resources Management Office, Phuket, Southern Thailand
 - Green Fins Joined the Tao Island Tourism Opening Festival, Southern Thailand
 - Rewilding Thailand: a scuba diver's perspective
 - Special seminar on Coral Reefs Management at the 6th Marine Science Conference, Chonburi Province, Thailand
 - Reef clean-up in the Gulf of Thailand and the Andaman Sea

2. Contribution to the ICRI Plan of Action 2018-2020 and upcoming ICRI general meetings. *Your responses to the following questions will assist the Secretariat in assessing contributions towards the major themes of the draft ICRI Plan of Action 2018-2020.*

Theme 1 – Promote effective and adaptable solutions to improve the protection of coral reefs

- a. **Which of the below topics do you consider to be the three top challenges that your organisation faces in managing coral reefs?** Please select from the options below:

- Climate change impacts
- Inadequate planning, zoning and management
- Unsustainable resource extraction
- Tourism and recreation
- Shipping
- Coastal development
- Dredging
- Illegal and destructive fishing
- Fish and coral trade
- Marine debris
- Other. Please specify:

- b. **Please list any examples of innovative management practices that your organisation/country is involved in, such as use of VMS, drones & ecological mooring devices.** Include their limits, conditions of implementation, financing and an assessment of their results and links for more information if possible.
- Drones were frequently used for reef monitoring programs

- c. **Please list any examples of innovative funding for management that your organisation/country is involved in.** Include their limits, conditions of implementation, financing and an assessment of their results and links for more information if possible.
- Initiative plans for using entry fees from marine national parks for coral reef conservation purposes
- d. **Please list any examples of leading practices, techniques and strategies for building reef resilience that your organisation/country is involved in.** Include their limits, conditions of implementation, financing and an assessment of their results and links for more information if possible.
- reducing anthropogenic disturbances on coral reefs
 - assessing coral reef resilience at many reef sites
- e. **Please list any examples of leading practice reef restoration mechanisms that your organisation/country is involved in.** Include their limits, conditions of implementation, financing and an assessment of their results and links for more information if possible.
- laboratory studies on coral reproduction and recruitment
 - coral reef restoration projects at many reef sites

Theme 3 – Support communities reliant on coral reefs

- f. **Is sustainable tourism development a significant challenge for your organisation?** If so please include detail below of the kinds of challenges faced and your strategies to deal with them.
- challenges
 - increasing number of tourists
 - lack of awareness of tourists for environmental protection and conservation of natural resources
 - strategies
 - apply carrying capacity concept at certain reef sites
 - training courses for tour guides
- g. **Is your organisation involved in activities to raise awareness and encourage action to support communities reliant on coral reefs?** Please include details below.
- raising awareness of tourism business on sustainability of coral reefs
 - promote ecotourism on coral reefs

Theme 4 – Help to reduce anthropogenic threats to coral reefs, particularly those that occur at a global or regional scale

- h. **What activities is your organisation involved in to elevate awareness of the global nature of the threat of climate change to coral reefs?** Please include details below
- raising public awareness on the impacts of climate change, reducing energy uses and ecologically friendly practices
 - mitigate human impacts on coral reefs, particularly tourism, coastal development and land-based pollution

i. Has your organisation made any progress in dealing with destructive fishing and trade? Please include details below.

- law enforcement on illegal fishing and trade
- patrolling coral reef areas

j. Has your organisation made any progress in dealing with marine debris?

Please include details below.

- raising public awareness on solid waste management
- reducing plastic waste
- clean-up marine and coastal habitats
- promote upcycling plastic waste into value-added products

3. Would you like to report on your activities during the ICRI GM? Please give details below.

No

4. International events. Please list any upcoming international events relevant to ICRI which someone from your organisation plans to attend in 2018-2019.

ICRI GM, Monaco, 5-7 Dec 2018

Conference of the Parties to the United Nations Framework Convention on Climate Change, 3-14 Dec 2018

Reef Futures 2018: A Coral Restoration and Intervention-Science Symposium, Florida, 10-14 Dec 2018

Global World Heritage Marine Managers meeting, Alaska, US, 26-31 May 2019

Other:

5. Publications. Please list relevant publications and reports you have released during this reporting period.

Heery, E.C., Hoeksema, B.W., Browne, N.K, Reimer, J.D, Ang, P.O., Huang, D., Friess, D.A., Chou, L.M., Loke, L.H.L., Saksena-Taylor, P., Alsagoff, N., Yeemin, T., Sutthacheep, M., Vo, S.T., Bos, A.R., Gumanao, G.S., Syed Hussein, M.A., Waheed, Z., Lane, D.J.W., Johan, O., Kunzmann, A., Jompa, J., Suharsono, Taira, D., Bauman, A.G., Todd, P.A. 2018. Urban coral reefs: degradation and resilience of hard coral assemblages in coastal cities of East and Southeast Asia. *Marine Pollution Bulletin*, 135: 654–681.
doi:10.1016/j.marpolbul. 2018.07.041

6. ICRI Member Feedback. What do you find most valuable about the ICRI member reports? If you have any ideas for improvement please list below:

7. 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 / Organisation):	
Focal Point 1:	
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Thank you very much for sharing your valuable experiences and information with ICRI.