



ICRI Member's Report

The Netherlands

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 on Bonaire, Saba and St. Eustatius
- Mangrove Restoration in Ramsar Site Lac, Bonaire: active intervention to improve water circulation to prevent die-off of mangroves and anaerobic backwaters
- Erosion control and ecological restoration Bonaire
- Goat eradication Washington Slagbaai Park Bonaire

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](#)):
No change

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. Already prohibited in the Caribbean Netherlands

Deployment of mooring devices limiting the mechanical destruction of coral reefs and seagrasses. (See Goal (3) 4).
No change. All islands already have mooring systems and prohibition on anchoring in place

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](#)):

Yes, IYOR highlighted in 'Bionews' publications, Coralpallooza event by Coral Restoration Foundation Bonaire.

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:
Erosion due to overgrazing by free roaming invasive grazers (goats, donkeys)

- 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.
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- 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.
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- 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.

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- 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.

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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.
- increasing numbers of cruise tourists put increasing pressure on sensitive reef areas.
 - > research was initiated to quantify presence of oxybenzone in such places. This has led the island government of Bonaire to initiate a process to ban oxybenzone containing sunscreens as of 2021
 - > management plans will be made for the two most impacted locations which are also Ramsar Sites

- g. **Is your organisation involved in activities to raise awareness and encourage action to support communities reliant on coral reefs?** Please include details below.

NA

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
- i. **Has your organisation made any progress in dealing with destructive fishing and trade?** Please include details below.
NA
- j. **Has your organisation made any progress in dealing with marine debris?** Please include details below.
The island government of Bonaire has initiated a process to ban single use plastics as of 2020

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

N

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: 8th Meeting of the Scientific, Technical and Advisory Committee (STAC8) to the Specially Protected Areas and Wildlife Protocol (SPAW Protocol) 5 – 7 December 2018, Panama City
 10th Conference of Parties of the SPAW protocol, 2019 (date and venue tbd)

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

Kitson-Walters, K. 2018. [St. Eustatius GCRMN-Caribbean Final Report 2017](#).

DCNA 2018. [Status of the Dutch Caribbean Reefs: Bonaire, Curaçao, Saba, Saba Bank, St. Eustatius, St. Maarten](#). Dutch Caribbean reefs, BioNews Special Edition.

Schaap, I and D. Slijkerman. 2018. An environmental risk assessment of three organic UV-filters at Lac Bay, Bonaire, Southern Caribbean. Marine Pollution Bulletin Volume 135, 2018. Pp. 490-495. <https://doi.org/10.1016/j.marpolbul.2018.07.054>

Slijkerman, D. and S. Bol. 2018. UV filter pollution Bonaire by tourism. Lac Bay monitoring and survey results 2017. Wageningen Marine Research (University & Research centre), report C023/18. 36 pp. <https://doi.org/10.18174/446117>

Cruise report RV Pelagia 64PE433. 2018. [Saba, St Eustatius and Saba Bank, Benthic habitat mapping, and Benthic-Pelagic coupling](#).

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):	Country
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