



The Coral Restoration Consortium

*Building a community of
practice*

January 17, 18 2023

Panelists



Coral
Restoration
Consortium



Tali Vardi (tali@crc.world)
Executive Director, Coral Restoration Consortium



Michelle Loewe (michelle.loewe@noaa.gov)
Coordinator, CRC
NOAA Fisheries Office of Habitat Conservation



Nathan Cook
Advisory Board Member, CRC
Field Lead, KAUST Reefscape Restoration Initiative



Jessica Levy (jessica@crc.world)
Coordinator, CRC
Dir. of Restoration Strategy, CRF



David Suggett
Advisory Board Member, CRC
Chief Scientist, KAUST Reefscape Restoration Initiative

Flow



Coral
Restoration
Consortium

1. The Coral Restoration Consortium *(Tali Vardi)*
2. CRC Survey Results *(Nathan Cook / Dave Suggett)*
3. Get involved!
 - Regional Groups *(Jessica Levy)*
 - Reef Futures *(Michelle Loewe)*
 - Advisory Board, Working Groups *(Tali Vardi)*
4. Questions *(You!)*



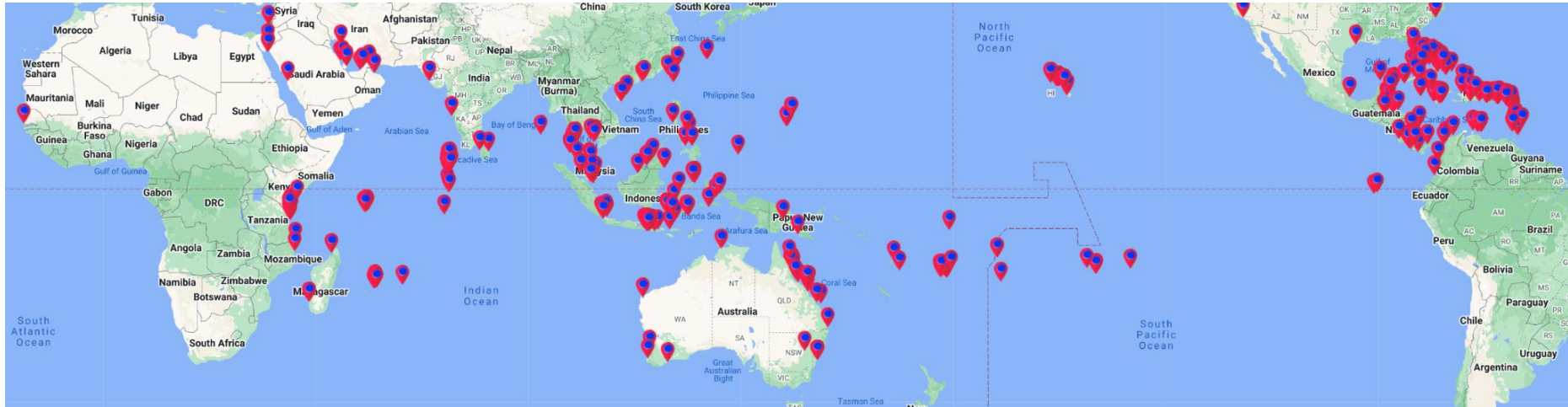
Coral
Restoration
Consortium

Poll

Who...? Where...?



Coral
Restoration
Consortium



Map developed and maintained by Adriana Santacruz-Castro
Coming soon to www.crc.world

What...?

- Convening body
- Working Groups, Regional Groups, Reef Futures
- Products
 - Online course on coral restoration - *7 units, mentored*
 - 85 webinars - *Reef Futures content*
 - Comprehensive guidance - *monitoring, photogrammetry, spawning prediction and collecting, field-based restoration, coral breeding*
 - Data templates - *predicting spawning, monitoring outplanted corals and nursery corals*
 - Scientific papers - *restoration priorities, larval propagation, genetic management*



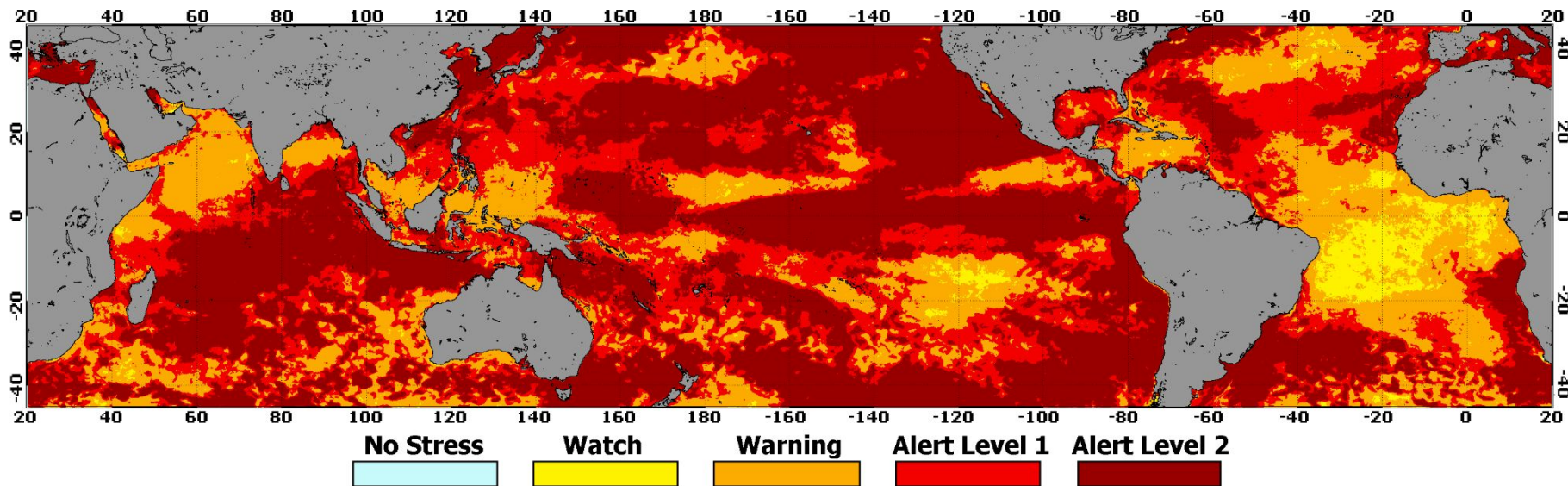
Coral
Restoration
Consortium

When...?...Why...?



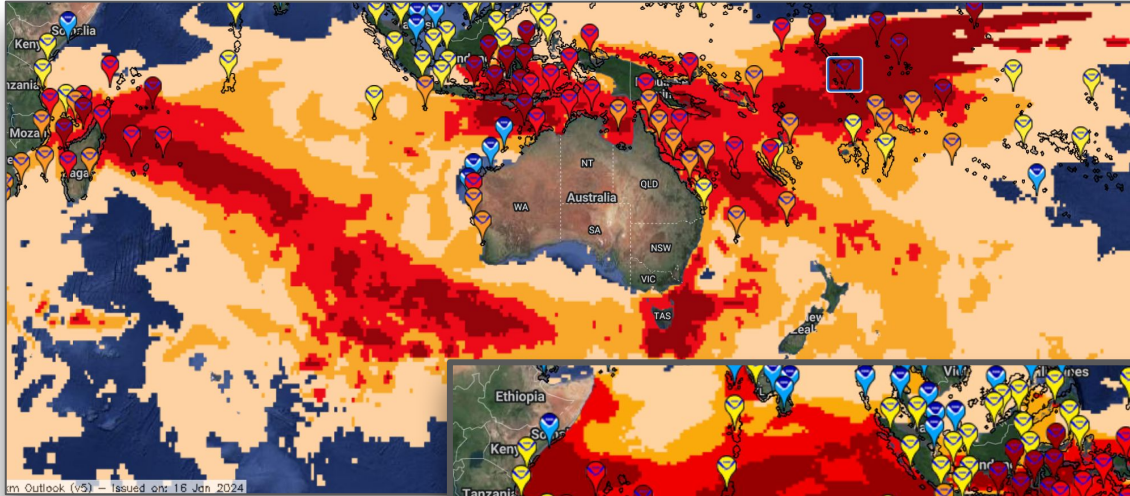
Coral
Restoration
Consortium

NOAA Coral Reef Watch 5 km Maximum Satellite Coral Bleaching Alert Area June 2014 - May 2017

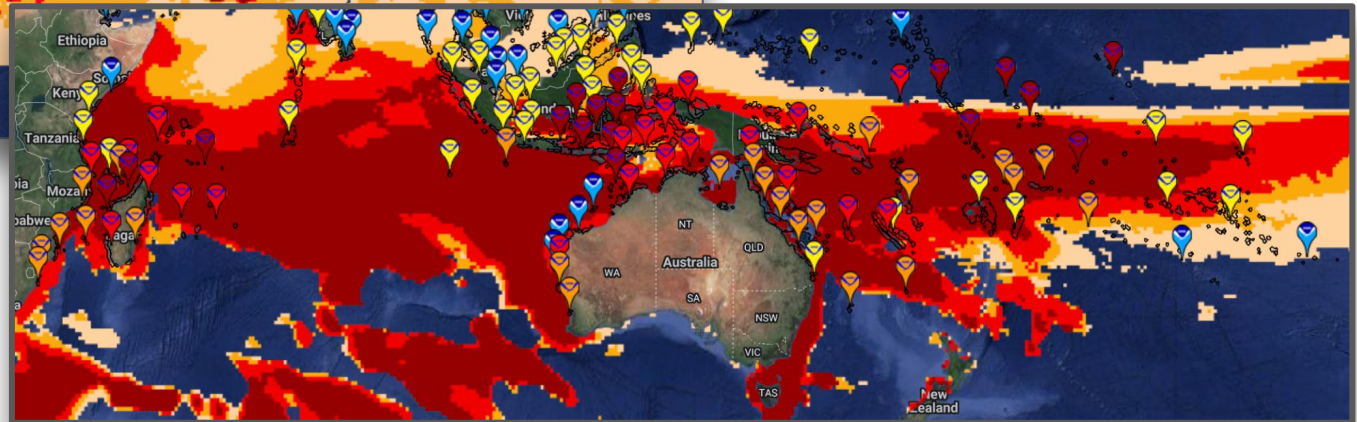


Why...?

This week



Coming months



Coral
Restoration
Consortium

NOAA Coral Reef Watch

How...?



Coral
Restoration
Consortium

Implementation



Coral
Restoration
Consortium

International
Coordination



secore
foundation



ICRS
International
Coral Reef Society

Research



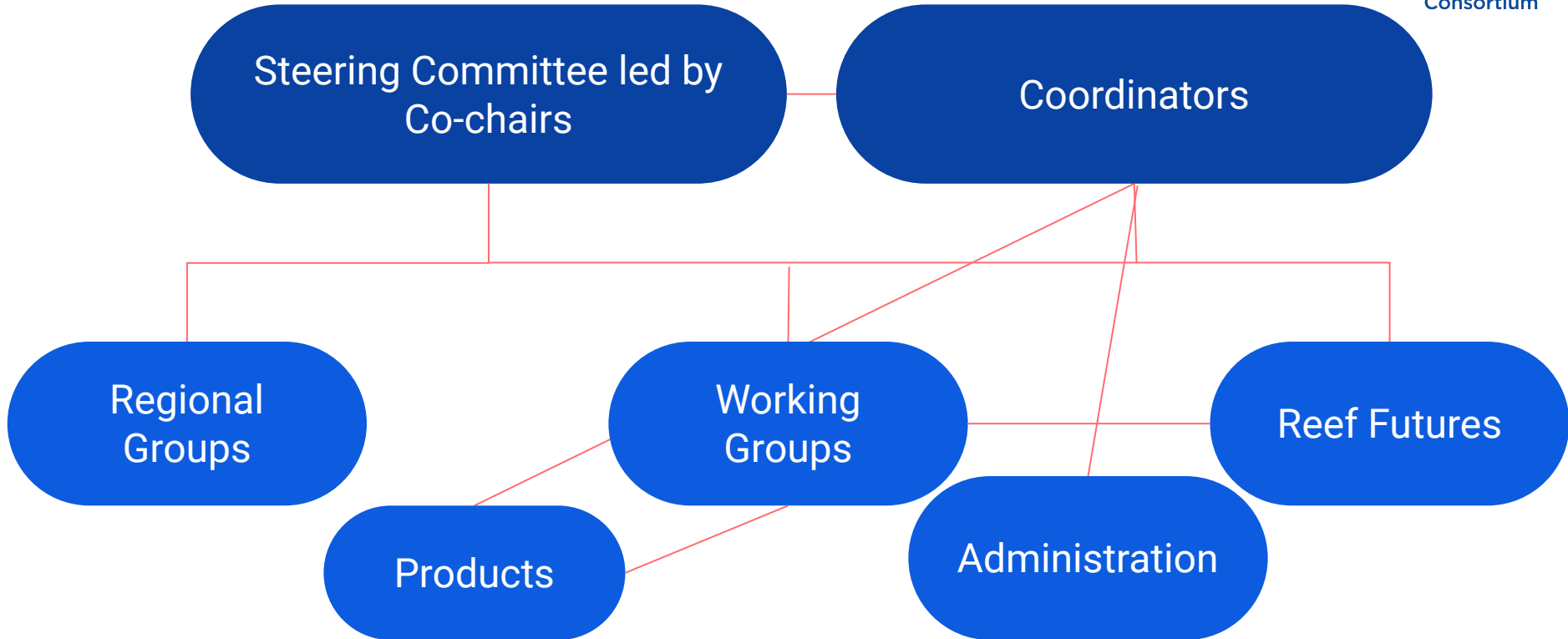
Funding

cordap

Old structure



Coral
Restoration
Consortium



New Structure



Coral
Restoration
Consortium

Board of Directors

Advisory Board

Communications

Executive Director

Regional
Groups

Products

Working
Groups

Reef Futures

Administration, Fundraising,
Planning, Operations,
Coordination

CRC's Three Goals



Coral
Restoration
Consortium

1. Listen to what coral restoration practitioners need.
2. Elevate the practice of coral restoration.
3. Share stories to connect the community.



Survey

- *Nov 2023*
- *225 complete responses*
- *70 countries*
- *206 unique organizations*

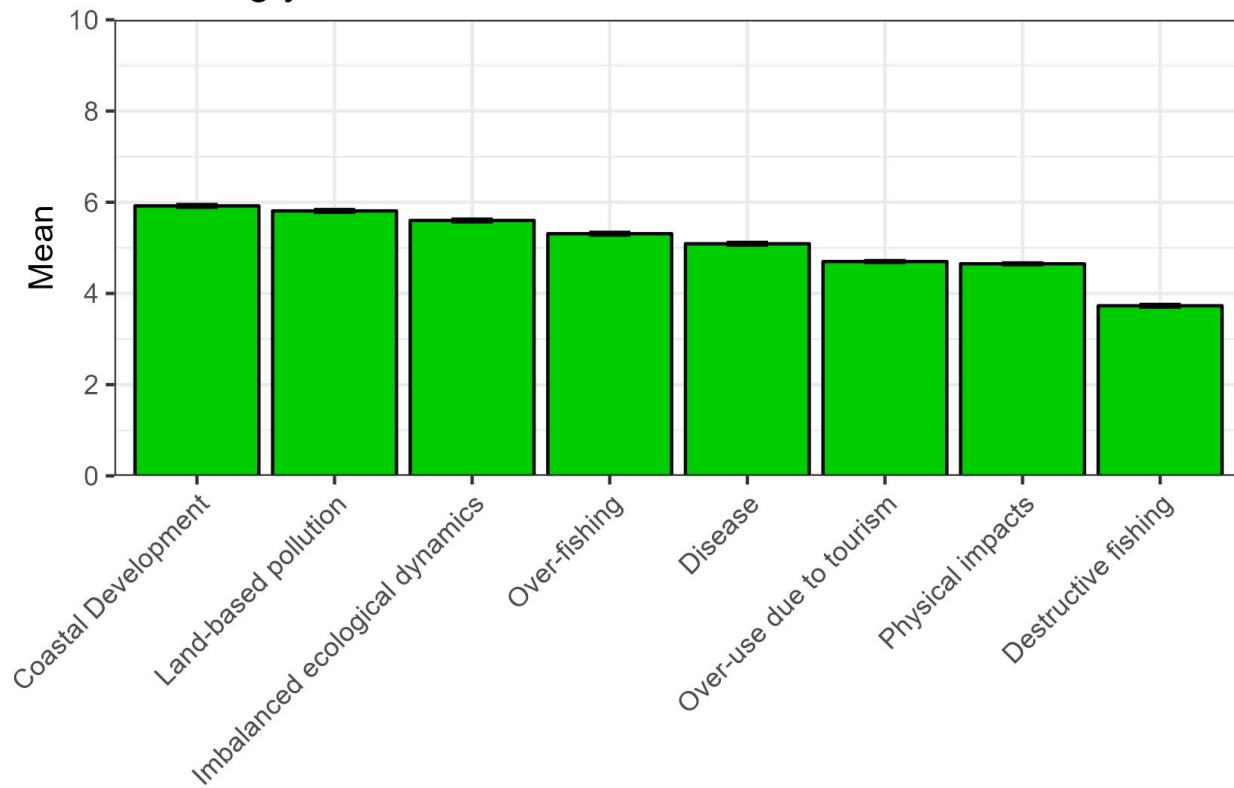


Coral
Restoration
Consortium



Top Local Reef Issues

How much are each of the following local issues affecting your reef?

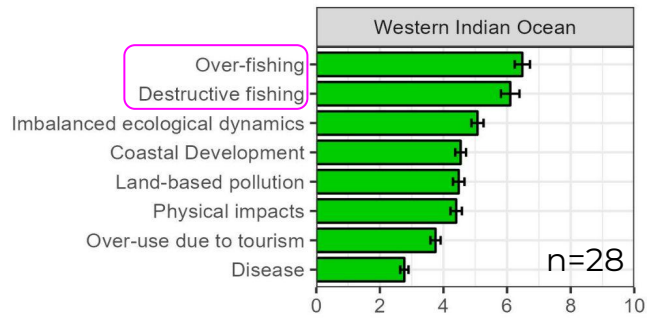
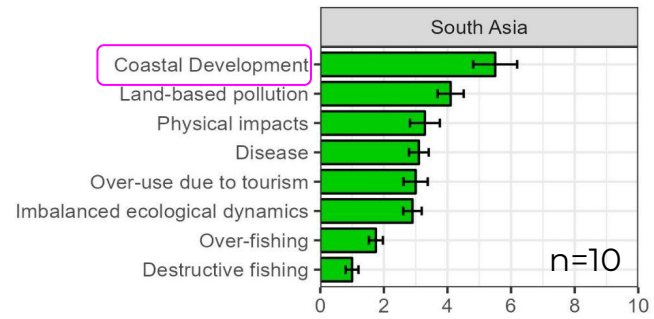
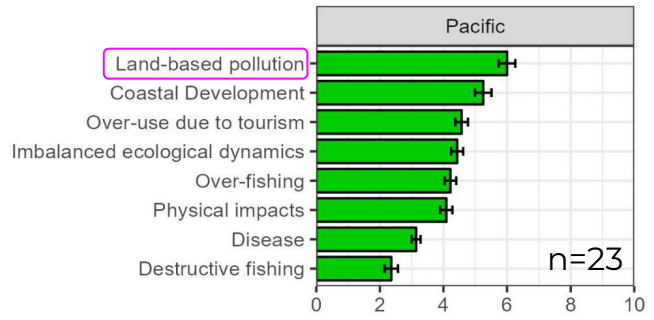
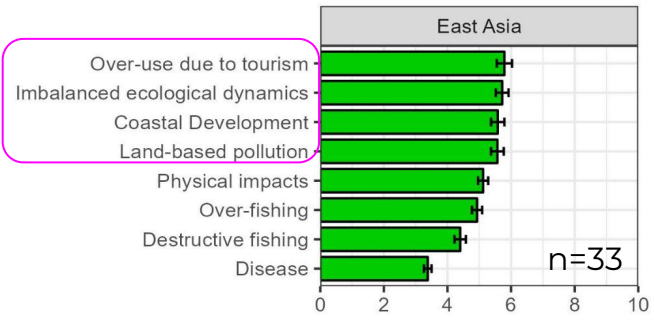
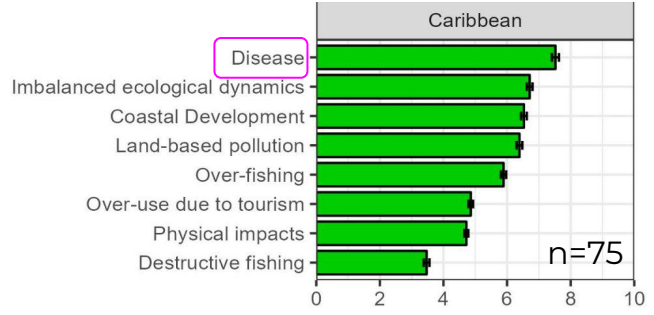
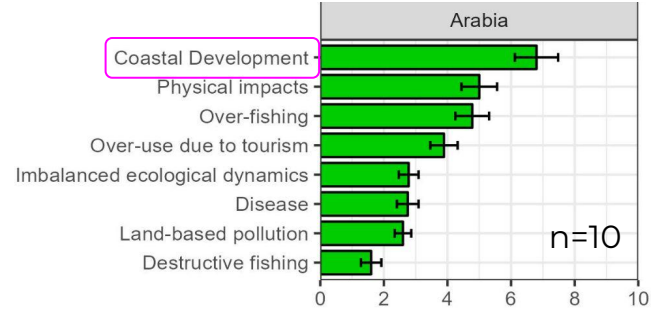


0 = not impt

10 =
most
impt



Top Local Reef Issues



0 = not impt

excludes regions where <10 responses were received

Mean

10 = most impt



Coral
Restoration
Consortium

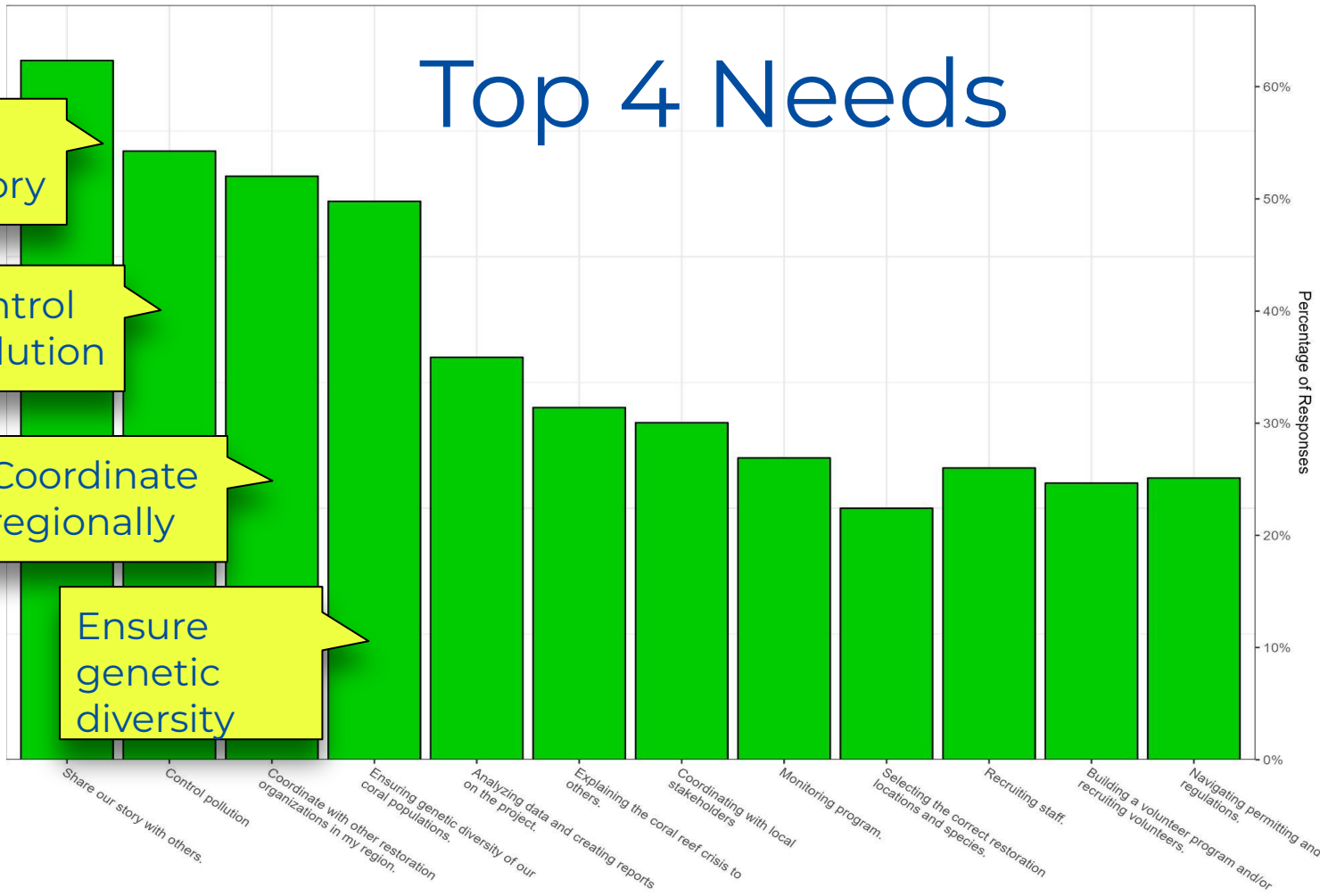
Top 4 Needs

Share
our story

Control
pollution

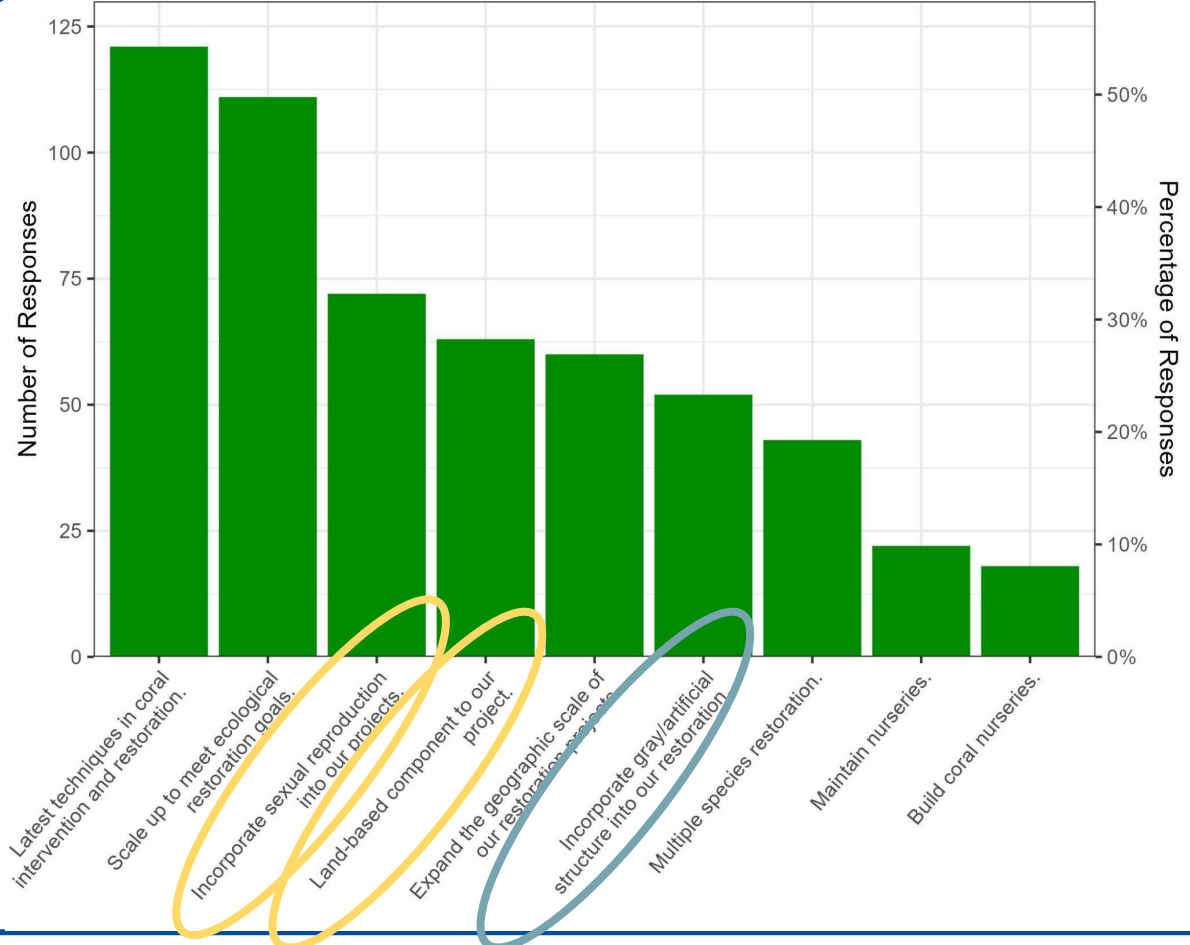
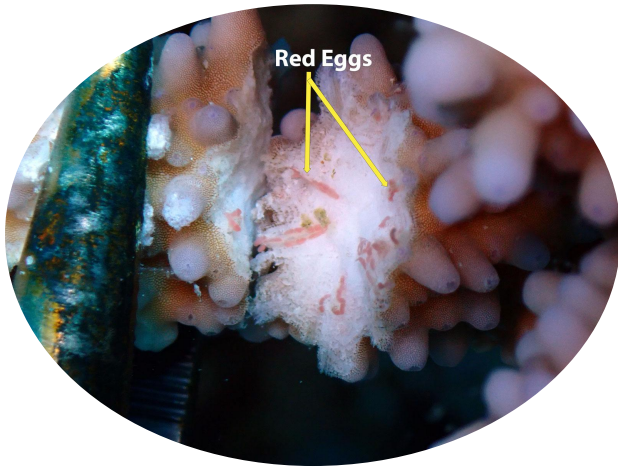
Coordinate
regionally

Ensure
genetic
diversity

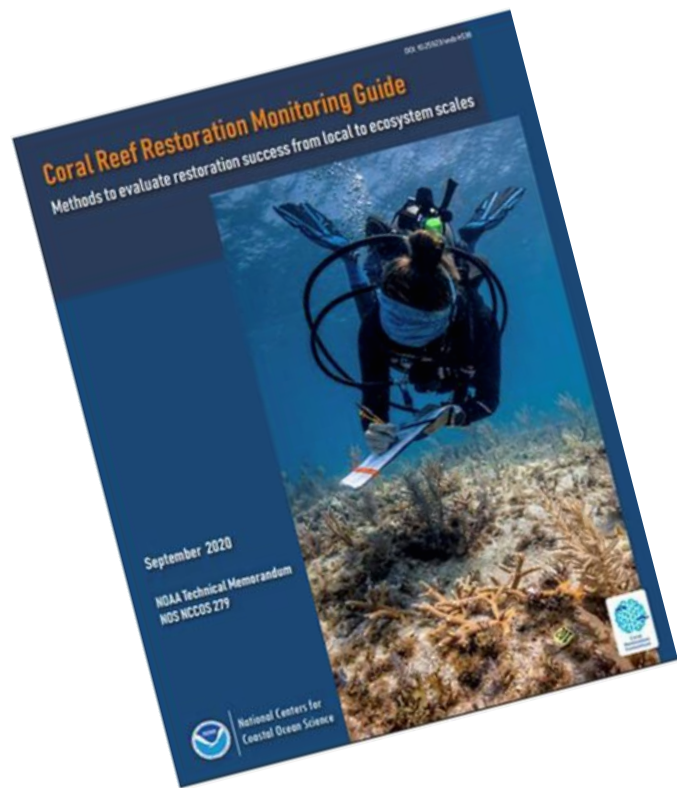


Top Learning Needs

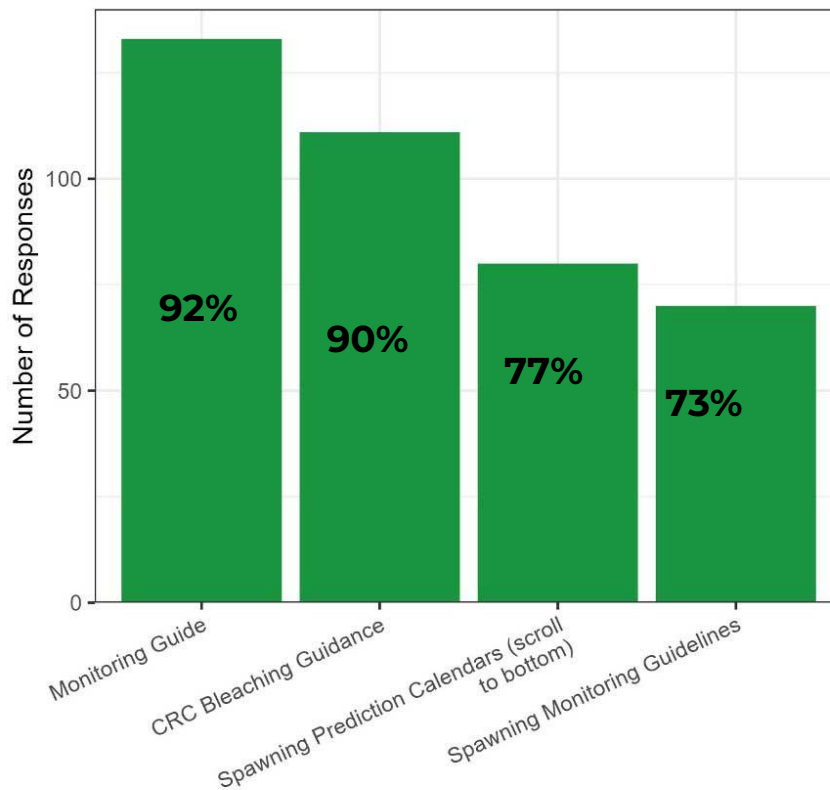
1. Latest techniques
2. Scale up to meet ecological goals



CRC Products



How useful have the following CRC guides been for your organization?



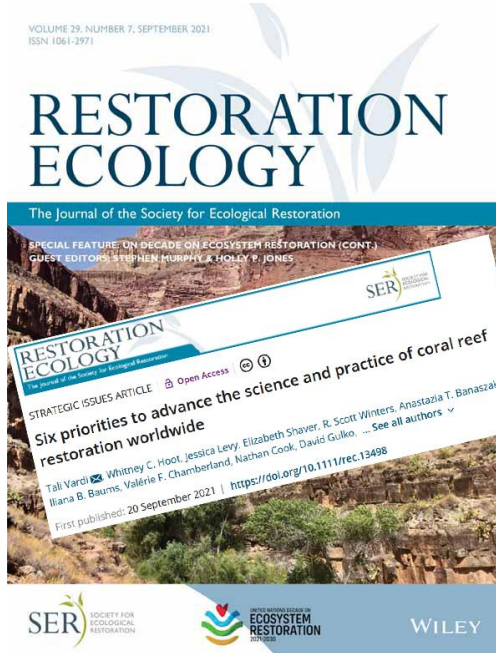
Coral
Restoration
Consortium

**xx%
Read it
and
found
it
useful**

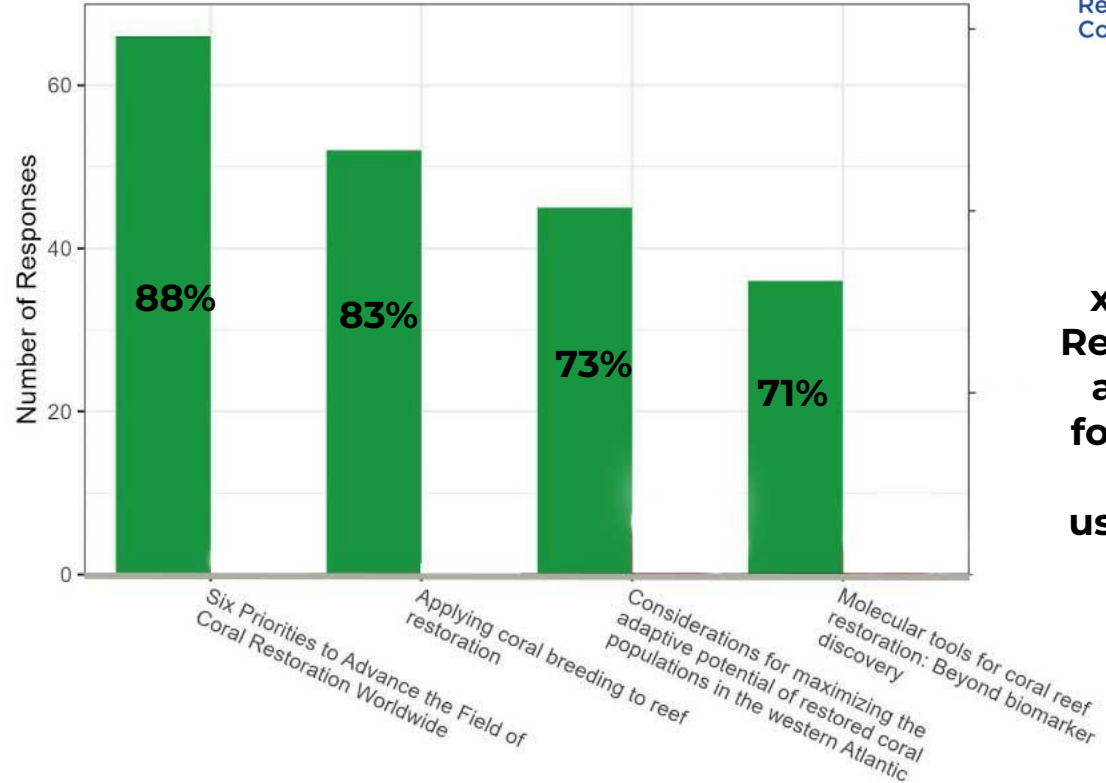
CRC Products



Coral
Restoration
Consortium



How useful have the following CRC publications been for your organization?



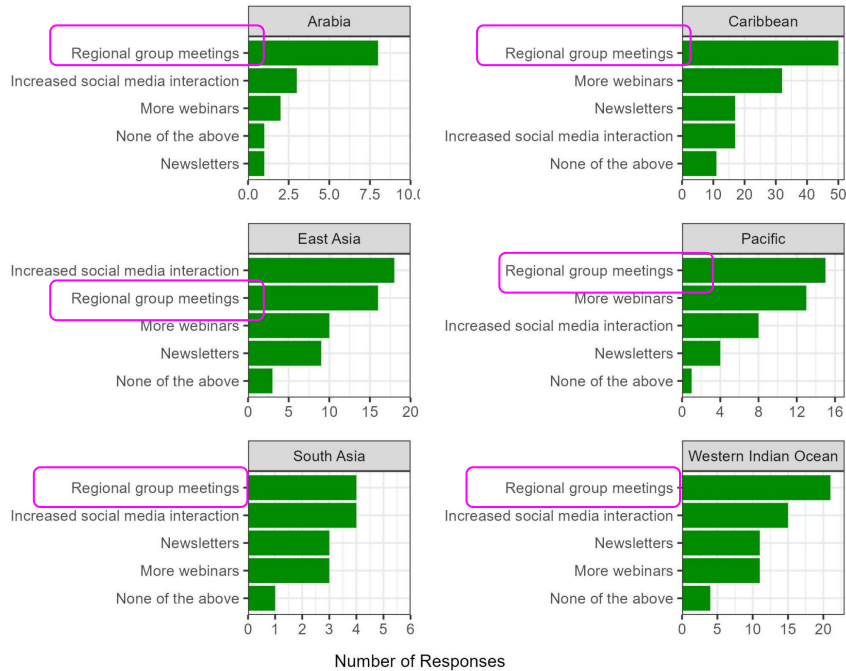
xx%
Read it
and
found
it
useful

People want to meet regionally.

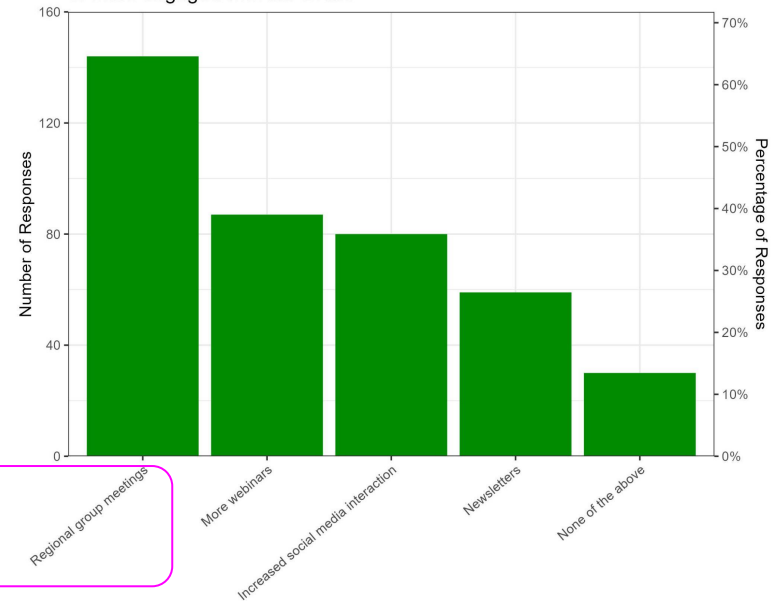


Coral
Restoration
Consortium

What would help your organization become engaged or more engaged with the CRC?



What would help your organization become engaged or more engaged with the CRC?



Learning from the Survey



Coral
Restoration
Consortium

Look at developing products and services to support the community. For example:

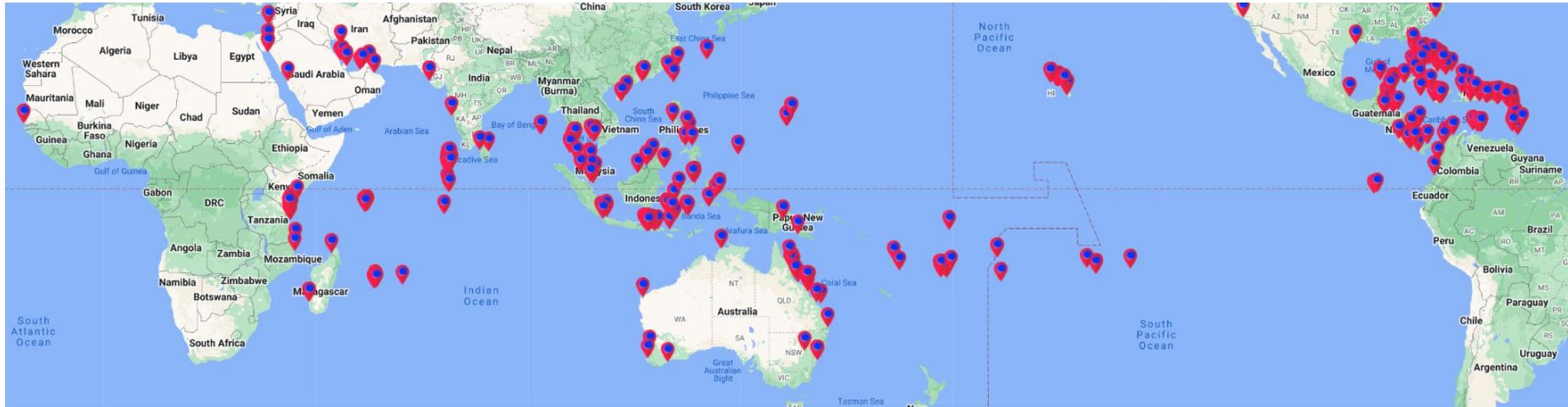
- Develop webinars on latest techniques and scaling up
- Develop the Storytelling Hub
- Support more Regional Groups



Regional Groups



Coral
Restoration
Consortium

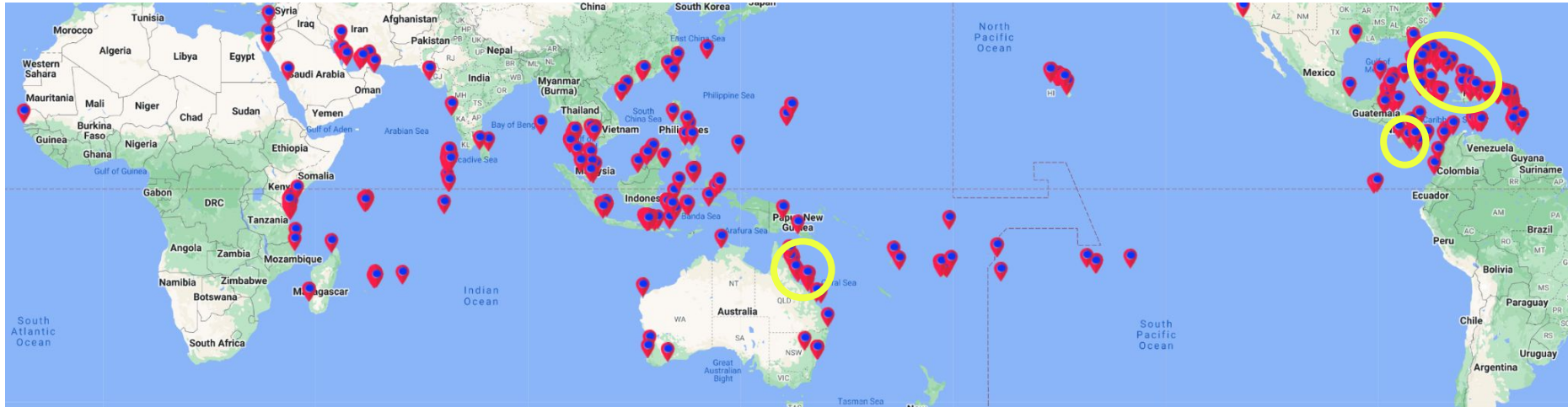


Map developed and maintained by Adriana Santacruz-Castro
Coming soon to www.crc.world

Regional Groups



Coral
Restoration
Consortium



Map developed and maintained by Adriana Santacruz-Castro
Coming soon to www.crc.world

Rethinking Regional Groups



Coral
Restoration
Consortium



One of the resounding things that we heard from the survey is that people want to have greater connections within and between regions.

... what does that mean and how do we accomplish this?!

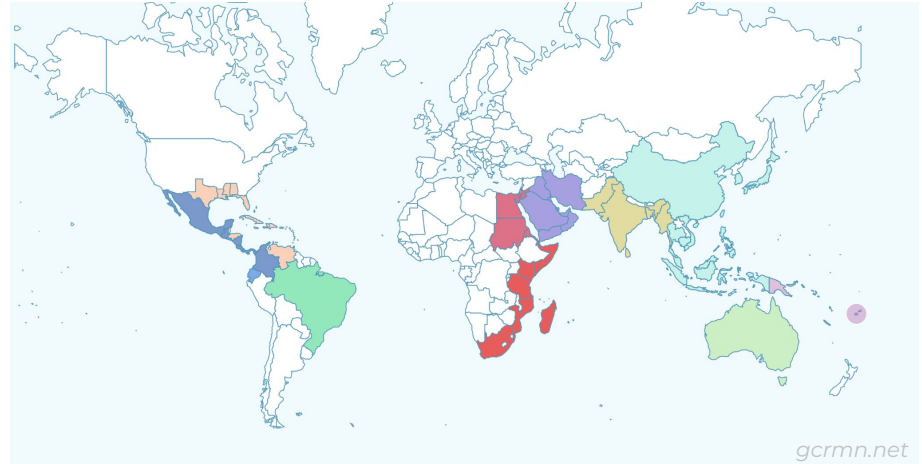
Rethinking Regional Groups



Coral
Restoration
Consortium

What the CRC is working on now...

- GCRMN to loosely define regions.
- Understanding existing regional coordination efforts
- Identify what the need is for a given region, and ways to foster greater connections among practitioners
- Share regional efforts outwardly



Rethinking Regional Groups



Coral
Restoration
Consortium

Pacific Islands

Tentatively identified Chair and co-chair. Currently working to articulate greatest knowledge needs and develop a group of practitioners to support learning exchanges with in the region.

Western Indian Ocean

Working to show and highlight community-lead efforts through storytelling hub, as well as gain a greater understanding of existing coordination efforts and potential collaborations.

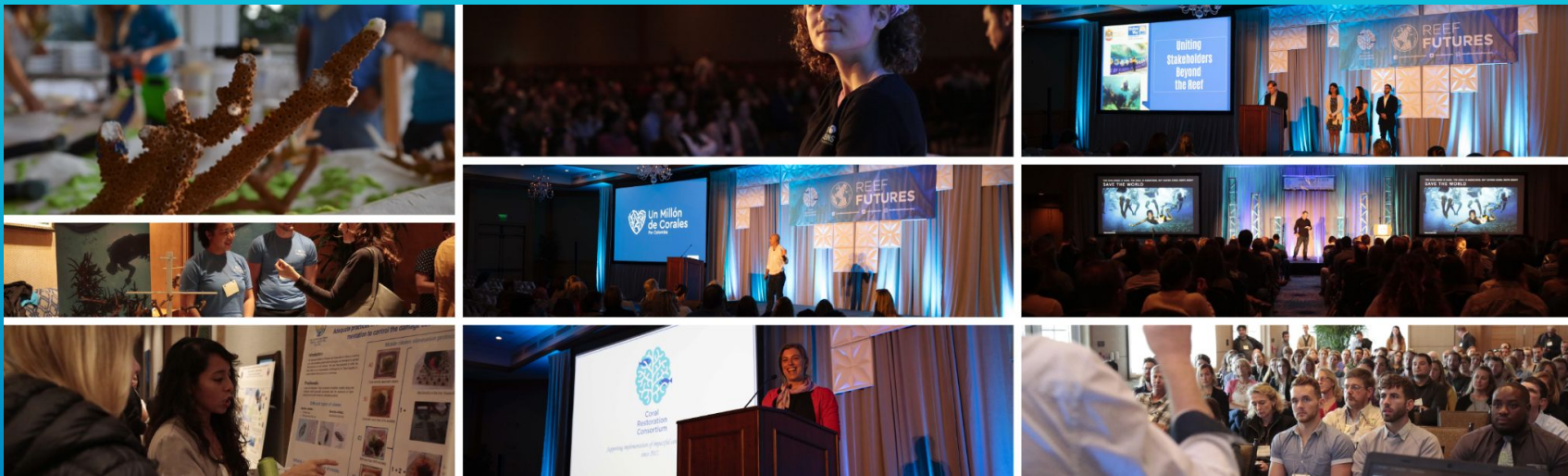
Australia 2.0

In discussions on how to revise the Australian regional group. Looking for support in these efforts.

Reef Futures 2024

December 9 - 13, Riviera Maya, Mexico



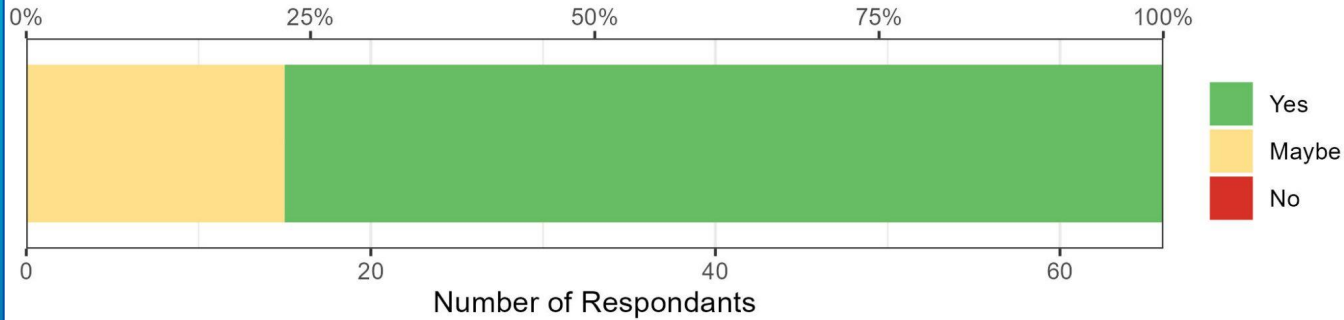


Reef Futures is the only global symposium focused solely on the interventions and actions necessary to allow coral reefs to thrive into the next century.

Reef Futures is a conference of hope, action, opportunity, and diversity. Whether you are new to the field, or an experienced professional, this is the place to be if you are passionate about the field of coral reef restoration.



Did attendance impact your organizations' coral reef restoration practice?



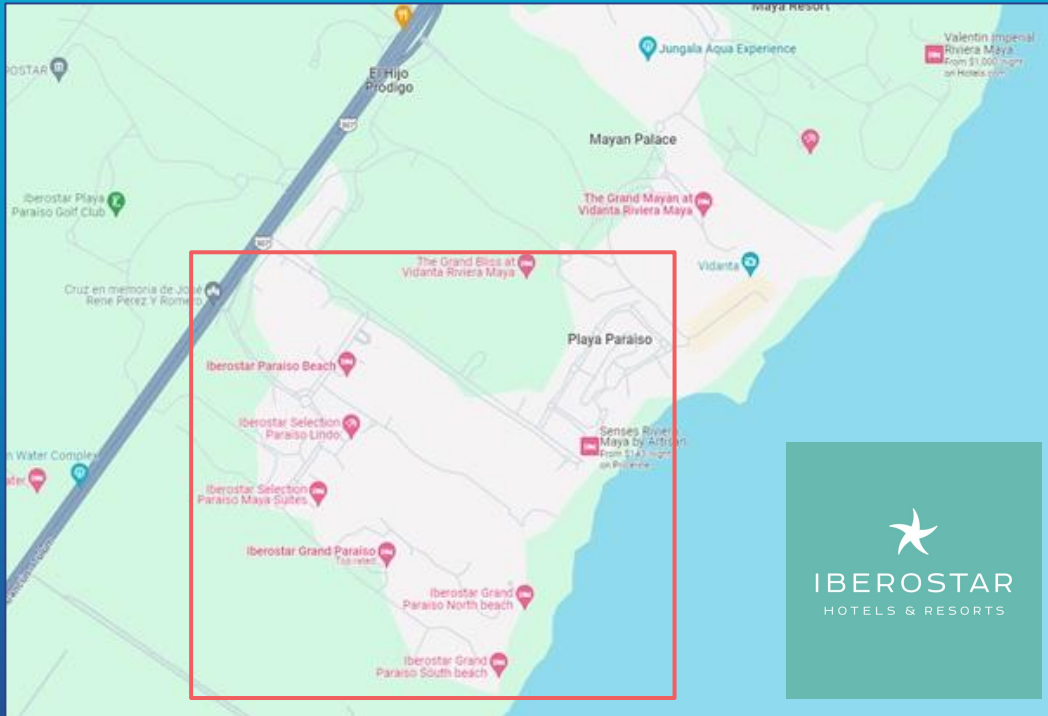
77% YES



Riviera Maya, Mexico



Iberostar Paraiso Complex



- 3 hotels on property
- Block of over 500 rooms
- Overall cost for participants to attend expected to be lower than Reef Futures 2022

Schedule for the Week

DECEMBER 2024						
SUN	MON	TUE	WED	THU	FRI	SAT
8	9	10	11	12	13	14

Primary program will run Mon - Fri with workshops through the week.

Timeline

Call for Abstracts: February

Early Registration: March



Scholarships will be available!



A group of scholarship recipients ready to board the shuttle after the poster session at Reef Futures 2022 (CRF).



REEF
FUTURES

Interested in becoming a sponsor?

Contact
reeffutures@crc.world

(right) Our generous Reef Futures 2022 Sponsors



HOSTED BY

FRINGING REEF SPONSORS



PATCH REEF SPONSORS



REEF CREST SPONSORS



Reef Restoration and Adaptation Program, a partnership helping the Great Barrier Reef resist, adapt and recover.



LAGOON SPONSORS



Survey Incentive

Free Registration!



REEF
FUTURES



Coral
Restoration
Consortium

Organization	Country	Role	Region	First	Last
Reef Restoration Foundation	Australia	Practitioner	Australia	Hannah	Kish
Mote Marine Laboratory	USA	Researcher	Caribbean	Erinn	Muller
BVI Coral	British Virgin Islands	Practitioner	Caribbean	Laura	Arton
Guam Coral Reef Initiative	Guam	Manager	Pacific	Ashton	Williams
Kuwait Institute for Scientific Research	Kuwait	Manager	Persian Gulf & Oman	Nithyanandan	Manickam



CRC Working Groups



Coral
Restoration
Consortium



Engineering & Innovation

- Quarterly meetings
- Reef Futures showcase
- Submit to coraltech.world



CoralTech

EIG Chair: Brooke Elzweig
crc.eig@gmail.com



Cryopreservation - expanding
global network of cryobanks

Cryo. Chair: Virginia Weis
Virginia.Weis@oregonstate.edu

Advisory Board

- Provides strategic direction to CRC.
- Call for new members!
 - Regional experts:
 - East and South Asia
 - Western Indian Ocean
 - Central and South Pacific
 - Marine conservation experts:
 - Indigenous knowledge
 - Management (policy, permitting)
 - Stakeholder engagement / community development
 - Ethics
 - Socioeconomics



Coral
Restoration
Consortium

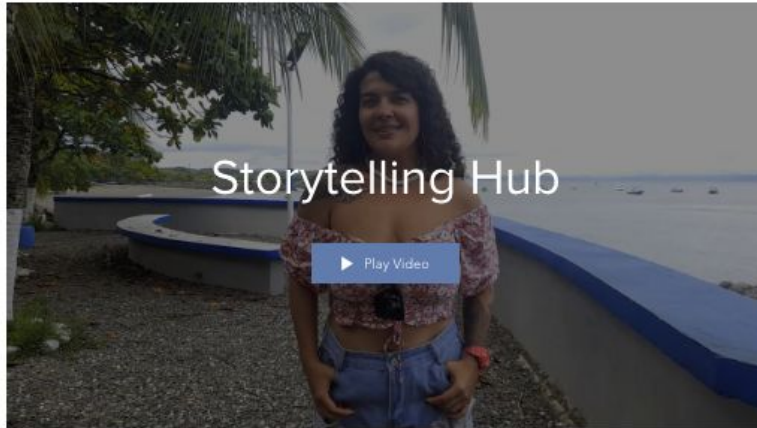


Chair: Joe Pollock
Joseph.Pollock@tnc.org

Vice Chair: Virginia Weis
Virginia.Weis@oregonstate.edu



Coral
Restoration
Consortium



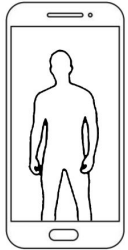
Search video...



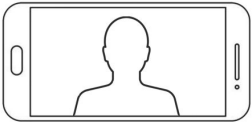
<https://www.crc.world/storytelling>

#reefstory

comms@crc.world



Turn the camera on its side.
We are going to film in the "landscape" orientation.
(So it looks more like a movie screen than a skyscraper.)



Citizen Documentarian Series



"TIGHT" FOR 1 MINUTE



"MEDIUM" FOR 1 MINUTE



"WIDE" FOR 1 MINUTE

CRC in 2024



Coral
Restoration
Consortium



Listen:

- Regional needs in Western Indian Ocean & Pacific
- Reef Futures content submissions



Elevate:

- Field-based guide
- Webinar series
- Ecological grief processing to build resilience



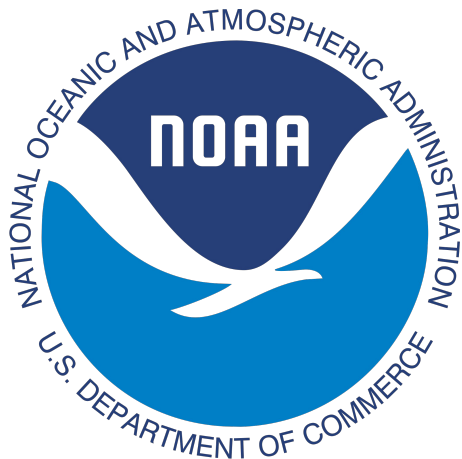
Share:

- Publish survey results
- Welcome new Advisory Board members
- Storytelling Hub & Reef Futures!

Acknowledgements



Coral
Restoration
Consortium



Sarah
Woster!

Get Involved, Ask Questions



Coral
Restoration
Consortium

- Sponsor a program / project - *tali@crc.world*
- Reef Futures - *reeffutures.com*
- Join a Regional Group - *jessica@crc.world*
- Submit a video to Storytelling Hub - *comms @crc.world*
- Advisory Board - *joseph.pollock@tnc.org*
- Use CRC Products - *crc.world/crc-resources*

info@crc.world