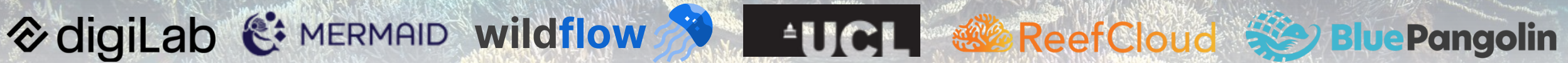


#FORCORAL



In partnership:



INTERNATIONAL CORAL REEF INITIATIVE

#FORCORAL WEBINAR: HARNESSING ARTIFICIAL INTELLIGENCE TO MONITOR CORAL REEFS

2nd October 2025

13:00 – 14:30 BST | Online

International Policy and Advocacy Director
Margaux Monfared
margaux.monfared@icriforum.org

www.icriforum.org



MODERATOR



MARGAUX MONFARED

International Coral Reef Initiative





HOUSEKEEPING

Language

- Presentations will be delivered in **English** only.

Recording & Resources

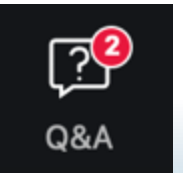
- The webinar will be recorded and shared on ICRI's YouTube Channel and on the webinar's respective webpage

Question & Answer

- Please submit questions using the **Q&A feature** (bottom of your Zoom window) throughout the duration of the webinar.
- We may not have chance to cover all the questions, but we will compile the questions and aim to provide responses in the summary of the webinar.
- Please note, **questions posted in the chat may not be seen or answered.**

Chat

- The chat is open for general communication and technical help.
- Feel free to use it to connect with hosts or other participants.





AGENDA

Overview of ICRI

- *Margaux Monfared, ICRI Secretariat*

Overview of digiLab

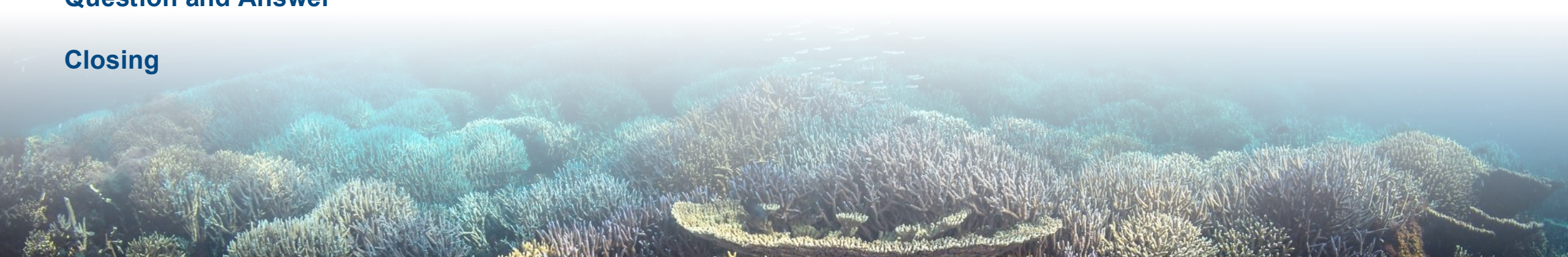
- *Andy Corbett, DigiLab*

Presentation Topics

- All at Sea: Uncertainty-Aware AI for Coral Monitoring with KCRI | *Andy Corbett*
- From images to insight: democratising coral reef monitoring for global impact | *Emma Kennedy*
- Unlocking the soundscape of coral reefs with AI | *Ben Williams*
- A shared model, many contributors: co-creating better, simpler coral reef AI for all | *Alexandra Kler Lago*
- 3D Coral Reefs Maps | *Sergei Nozdrenkov*

Question and Answer

Closing



INTERNATIONAL CORAL REEF INITIATIVE

102 MEMBERS . 45 COUNTRIES . 75% OF THE WORLD'S CORAL REEFS

- Founded in 1994 by 8 nations, Australia, France, Japan, Jamaica, the Philippines, Sweden, United Kingdom, and the United States of America.
- ICRI is currently chaired by the Kingdom of Saudi Arabia represented by The General Organisation for the Conservation of Coral Reefs and Sea Turtles in the Red Sea (SHAMS).
- The Global Coral Reef Monitoring Network (GCRMN), established in 1995, is an operational network of ICRI.

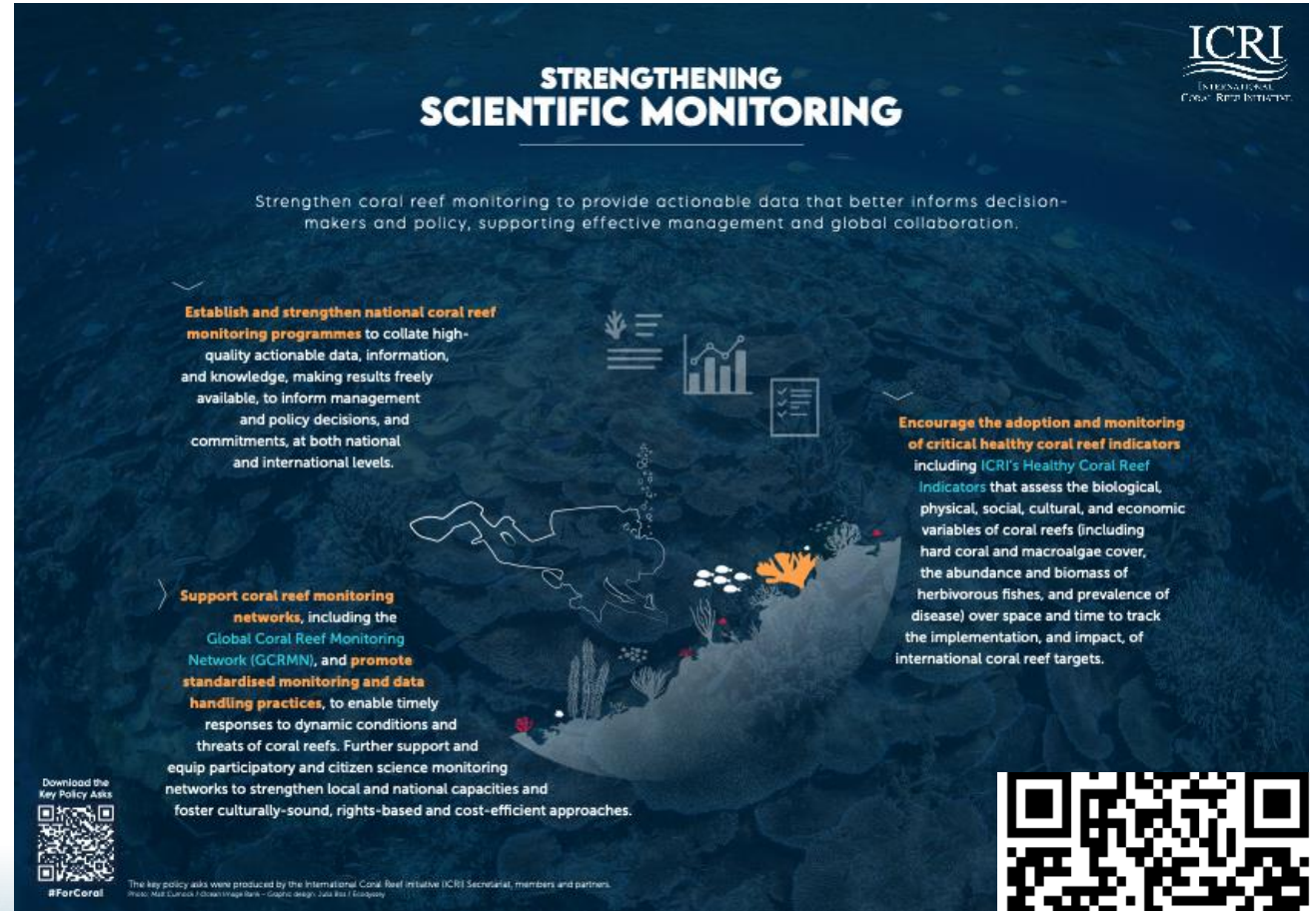


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KEY POLICY ASKS FOR CORAL REEFS

The **main focus** areas include:

- Address Localised Anthropogenic Threats
- Increase and Strengthen Protection and Conservation
- Restoration
- Developing Capacity
- Strengthening Scientific Monitoring
- Addressing the Climate-Biodiversity Nexus and Triple Planetary Crisis
- Equitable and Collaborative Governance
- Scaling Finance



STRENGTHENING SCIENTIFIC MONITORING

Strengthen coral reef monitoring to provide actionable data that better informs decision-makers and policy, supporting effective management and global collaboration.

Establish and strengthen national coral reef monitoring programmes to collate high-quality actionable data, information, and knowledge, making results freely available, to inform management and policy decisions, and commitments, at both national and international levels.

Support coral reef monitoring networks, including the Global Coral Reef Monitoring Network (GCRMN), and **promote standardised monitoring and data handling practices**, to enable timely responses to dynamic conditions and threats of coral reefs. Further support and equip participatory and citizen science monitoring networks to strengthen local and national capacities and foster culturally-sound, rights-based and cost-efficient approaches.

Encourage the adoption and monitoring of critical healthy coral reef indicators including ICRI's Healthy Coral Reef Indicators that assess the biological, physical, social, cultural, and economic variables of coral reefs (including hard coral and macroalgae cover, the abundance and biomass of herbivorous fishes, and prevalence of disease) over space and time to track the implementation, and impact, of international coral reef targets.

Download the Key Policy Asks
#ForCoral

The key policy asks were produced by the International Coral Reef Initiative (ICRI) Secretariat, members and partners.
Photo: Neal Curious / Shutterstock.com - Graphic design: Jada Ross / Eudesign

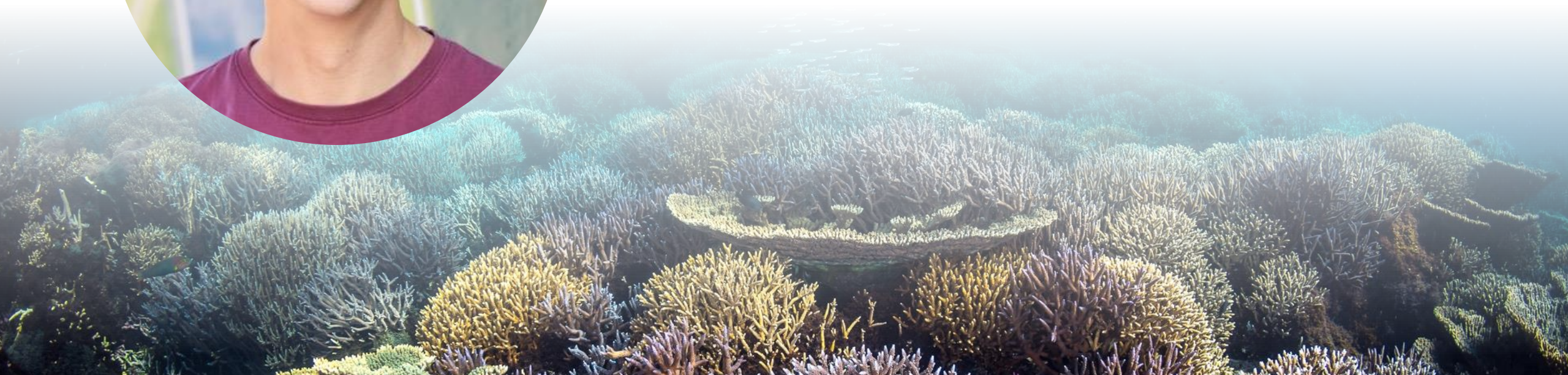


OVERVIEW OF DIGILAB / ALL AT SEA: UNCERTAINTY-AWARE AI FOR CORAL MONITORING WITH KCRI



ANDY CORBETT

digiLab

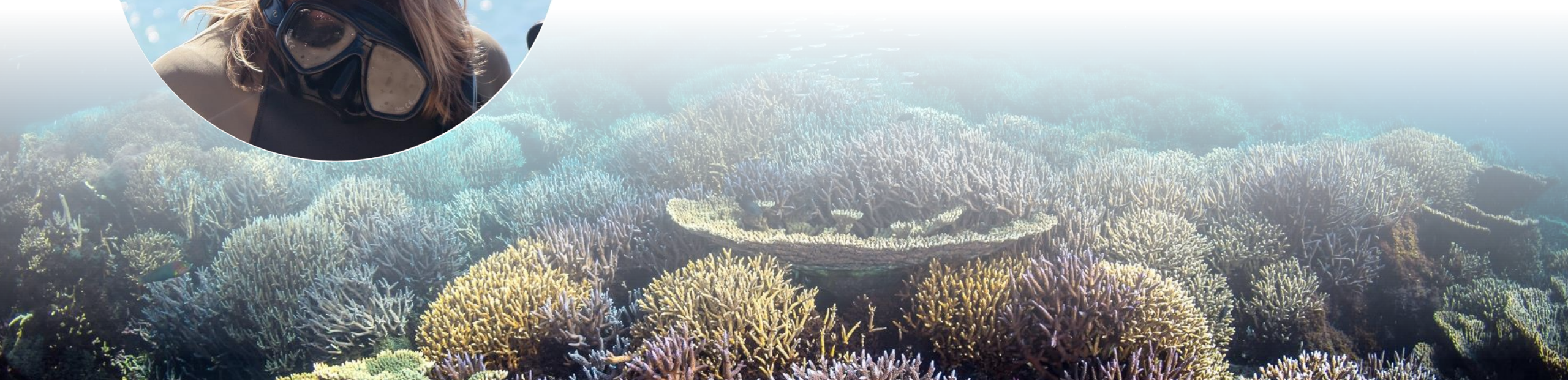


FROM IMAGES TO INSIGHT: DEMOCRATISING CORAL REEF MONITORING FOR GLOBAL IMPACT



EMMA KENNEDY

ReefCloud



UNLOCKING THE SOUNDSCAPE OF CORAL REEFS WITH AI



BEN WILLIAMS

Zoological Society of London / University College London



A SHARED MODEL, MANY CONTRIBUTORS: CO-CREATING BETTER, SIMPLER CORAL REEF AI FOR ALL



ALEXANDRA KLER LAGO

Wildlife Conservation Society, MERMAID

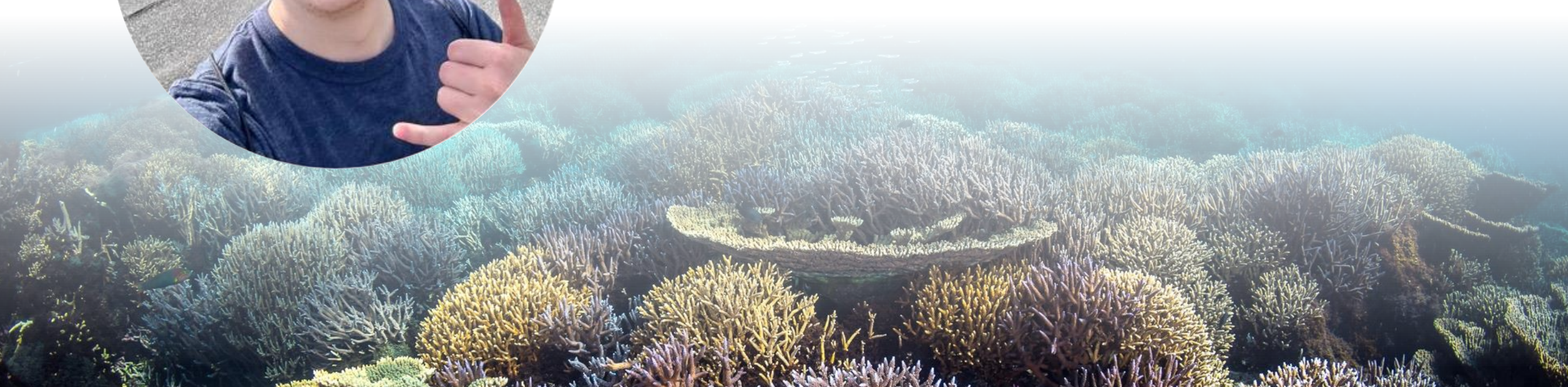


3D CORAL REEFS MAPS



SERGEI NOZDRENKOV

Wildflow



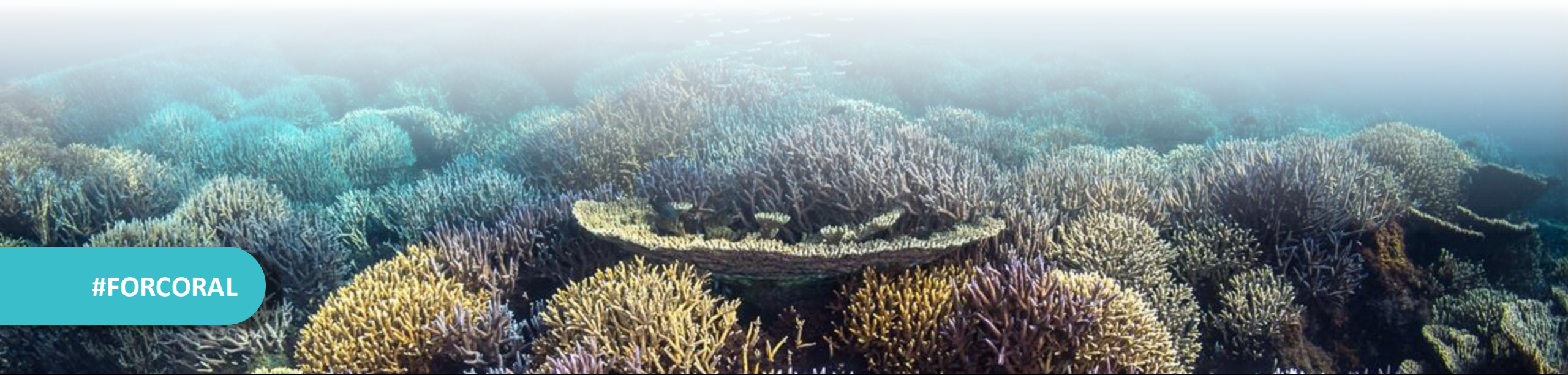
QUESTION AND ANSWER

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A wide-angle underwater photograph of a vibrant coral reef. The foreground is filled with various types of coral, including branching and table corals, in shades of yellow, orange, and purple. The background shows a vast expanse of the reef stretching towards a hazy horizon under bright, diffused light.

CLOSING

#FORCORAL



MORE INFORMATION

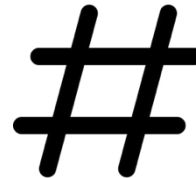
- Recording and resources will be uploaded to:
 - <https://icriforum.org/events/forcoral-webinar-ai-monitoring/>
- Next webinar: coming soon!
 - Please reach out should you have any topics you would like to see.



www.icriforum.org



International Coral
Reef Initiative
(ICRI)



Join the
Conversation
[#ForCoral](#)



[@ICRI_Coral_Reef](#)

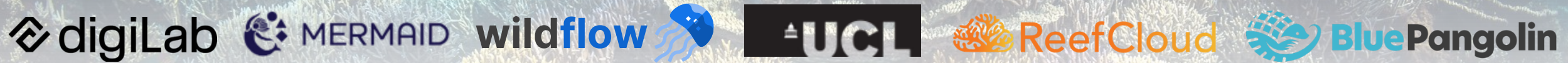


Register for the
ICRI Newsletter
www.icriforum.org

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THANK YOU

International Policy and Advocacy Director
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