









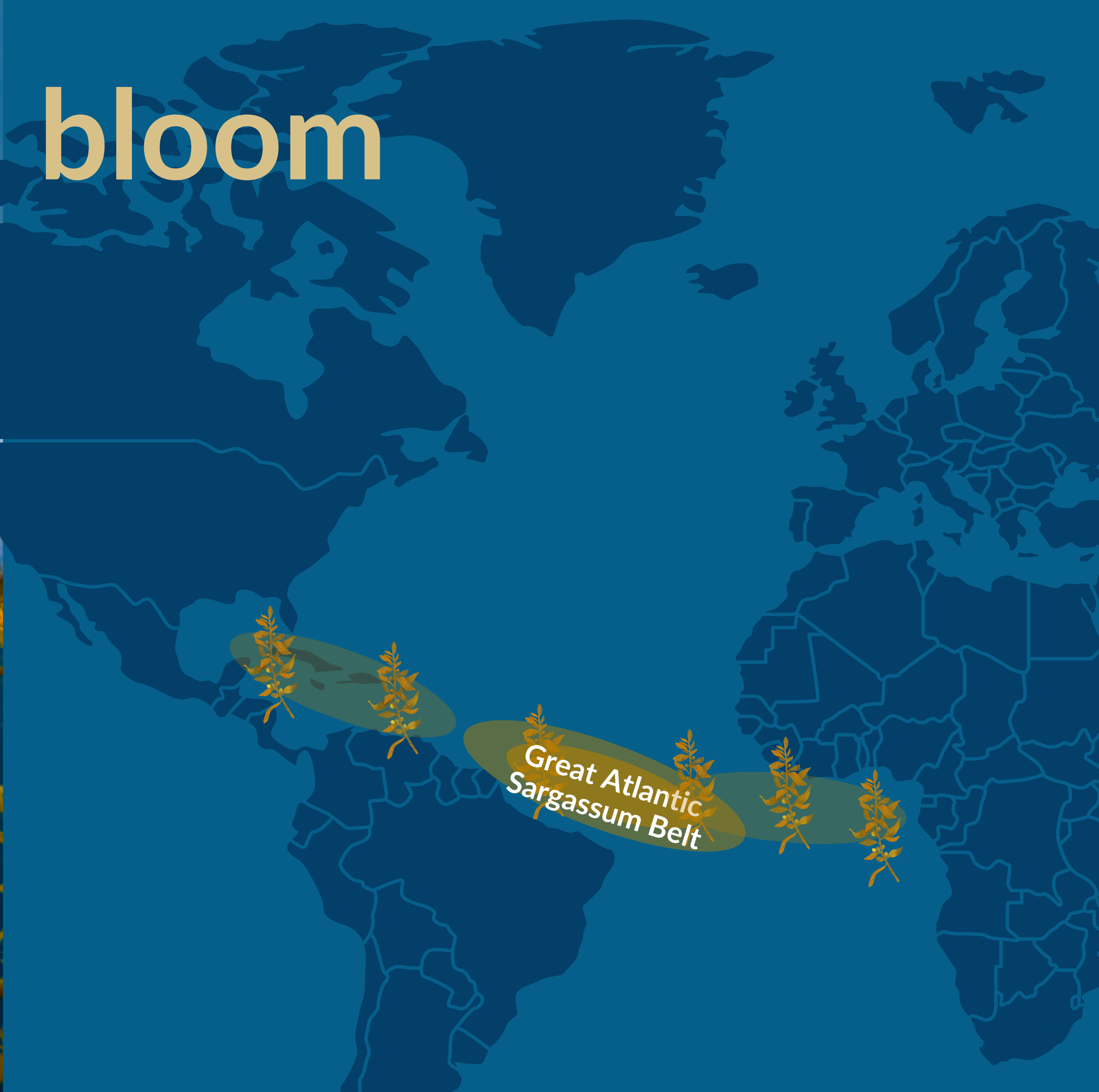
Foto: *Lorenzo Álvarez Filip*



Samsung Quad Camera
Doland McLaughlin



Biggest Algae bloom world wide



Tourism

An aerial photograph of a coastal resort area. In the foreground, there's a sandy beach with some debris. Behind the beach are several large, modern hotel buildings with many windows. There are also swimming pools and palm trees scattered throughout the resort. The ocean is visible in the background, with a clear blue sky above.

93 %

Tourists who visited the
Mexican Caribbean
between May and July
had been upset by the
Sargassum
accumulation

Economic impacts

The background of the slide features several stacks of copper-colored coins of varying heights on a light wooden surface. Overlaid on this are two large, thick arrows. A red arrow starts from the left, points up and to the right, then turns down and to the right. A green arrow starts from the left, points down and to the right, then turns up and to the right. The arrows appear to be made of a textured material like paper or fabric.

> \$100
million USD

Caribbean losses
estimated annually

The image is a composite of two photographs. The left side shows a large pile of dark blue fishing nets on a sandy beach, with many small, silvery fish scattered across them. The right side shows a fisherman in a green shirt and dark pants standing on a beach covered with a thick layer of brown seaweed. He is holding a fishing net. The word 'Fisheries' is written in large white letters across the top of the image.

Fisheries

10%

Ghanaians work
in fisheries
sector.

98%

Damage to fishing
gear was reported in
the fisheries value
chain

Public Health Risk

Neurological disorders

Respiratory disorders

Digestive disorders

Central sleep apnea

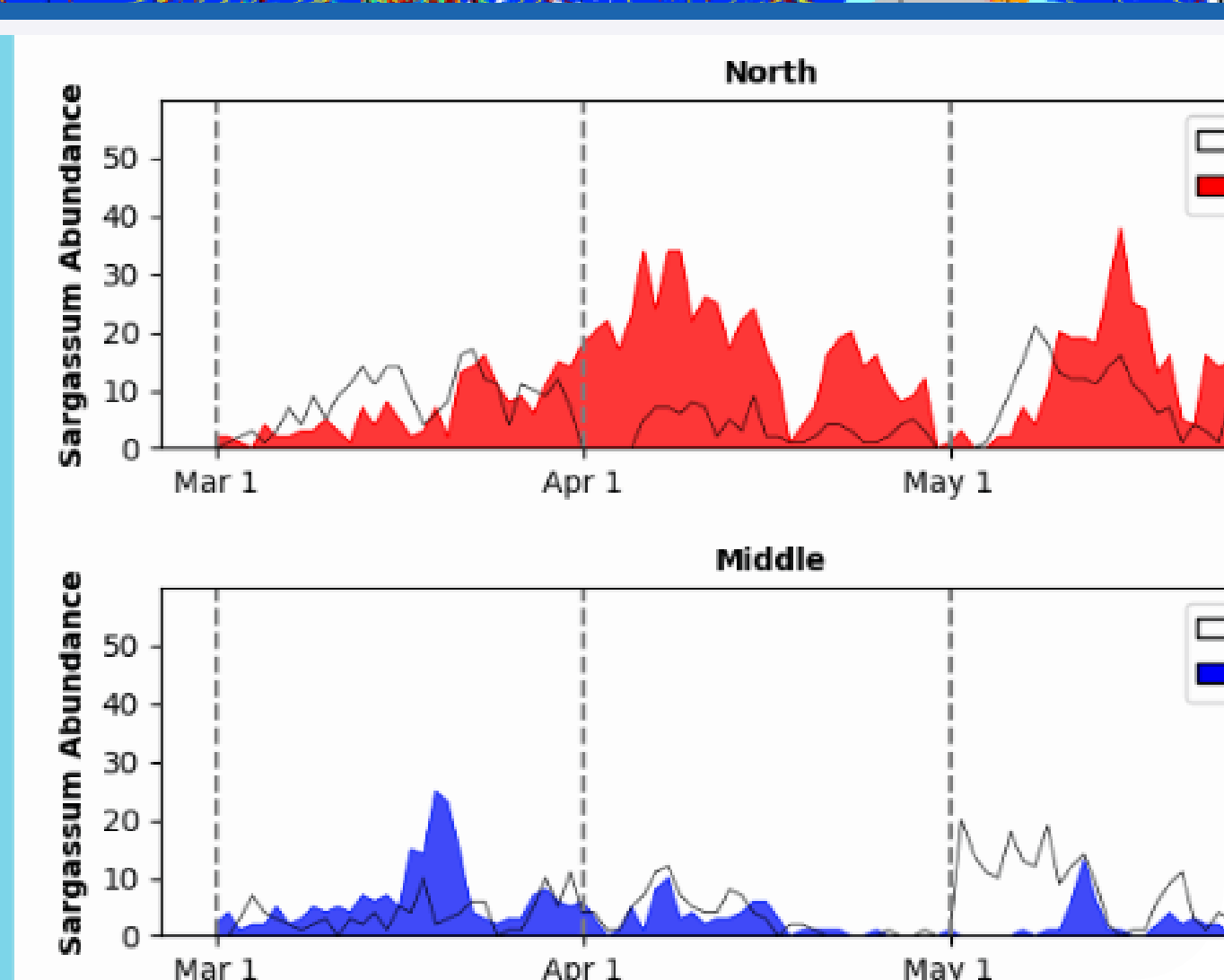
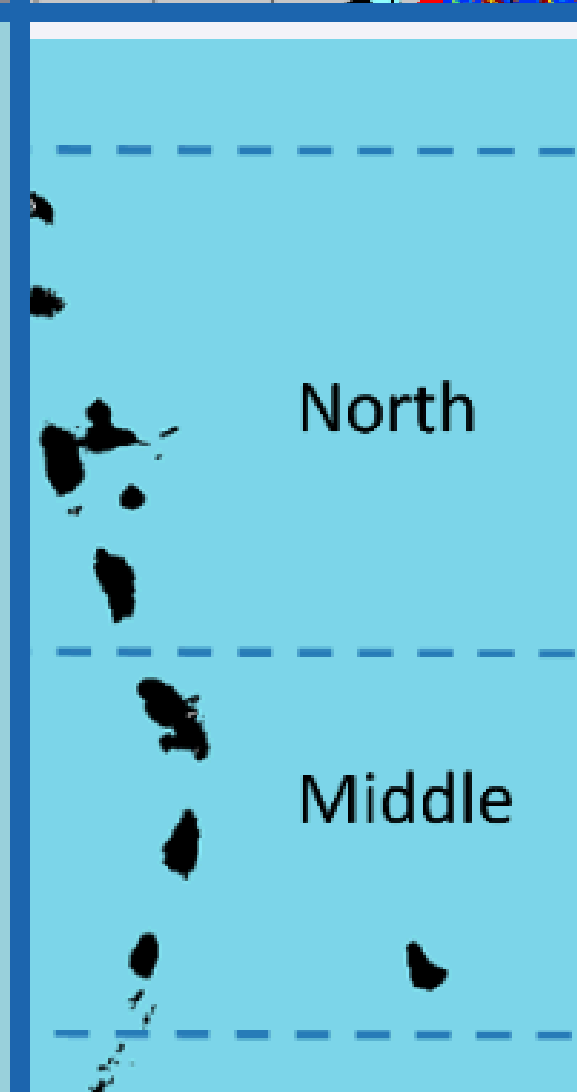
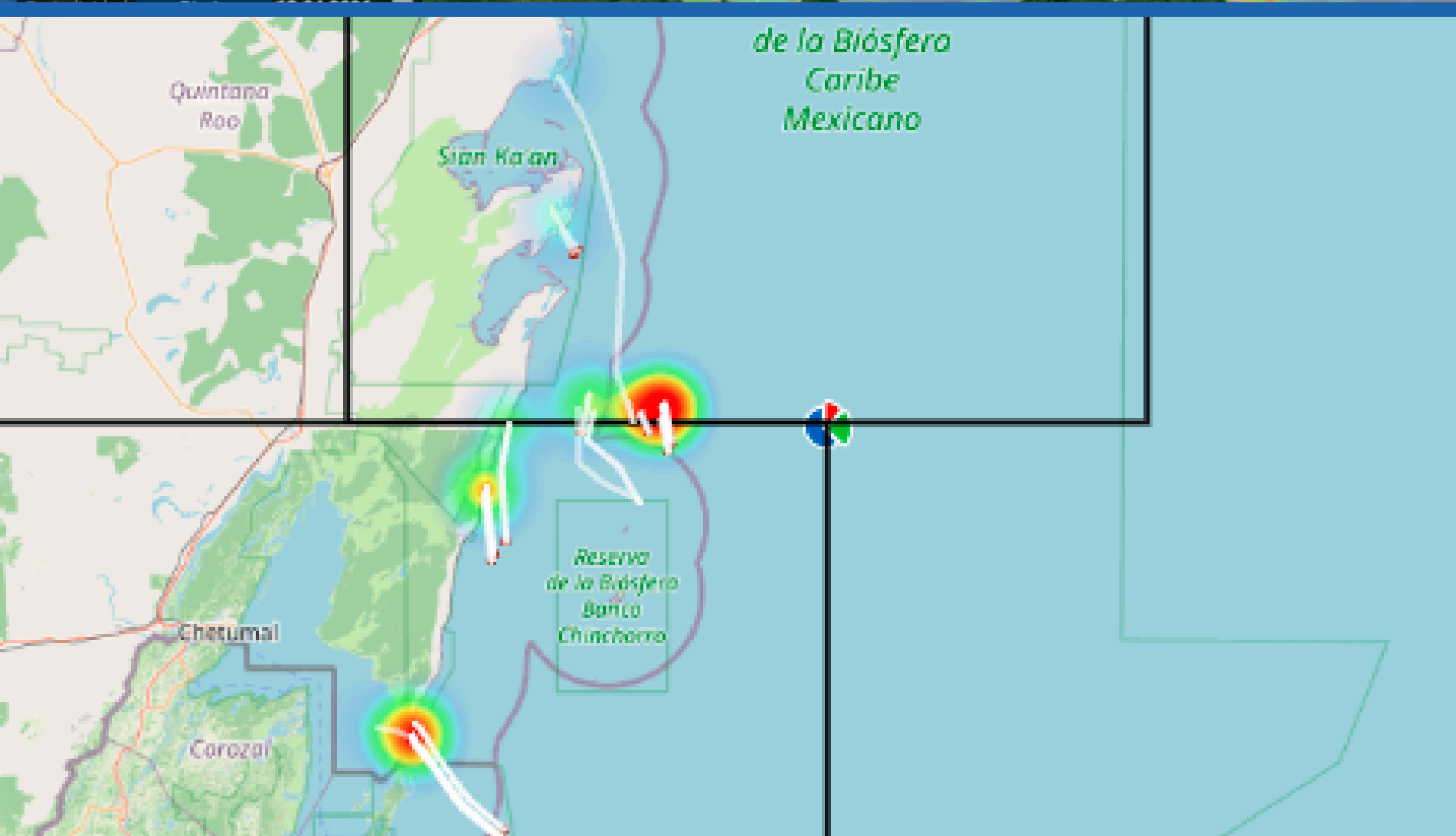
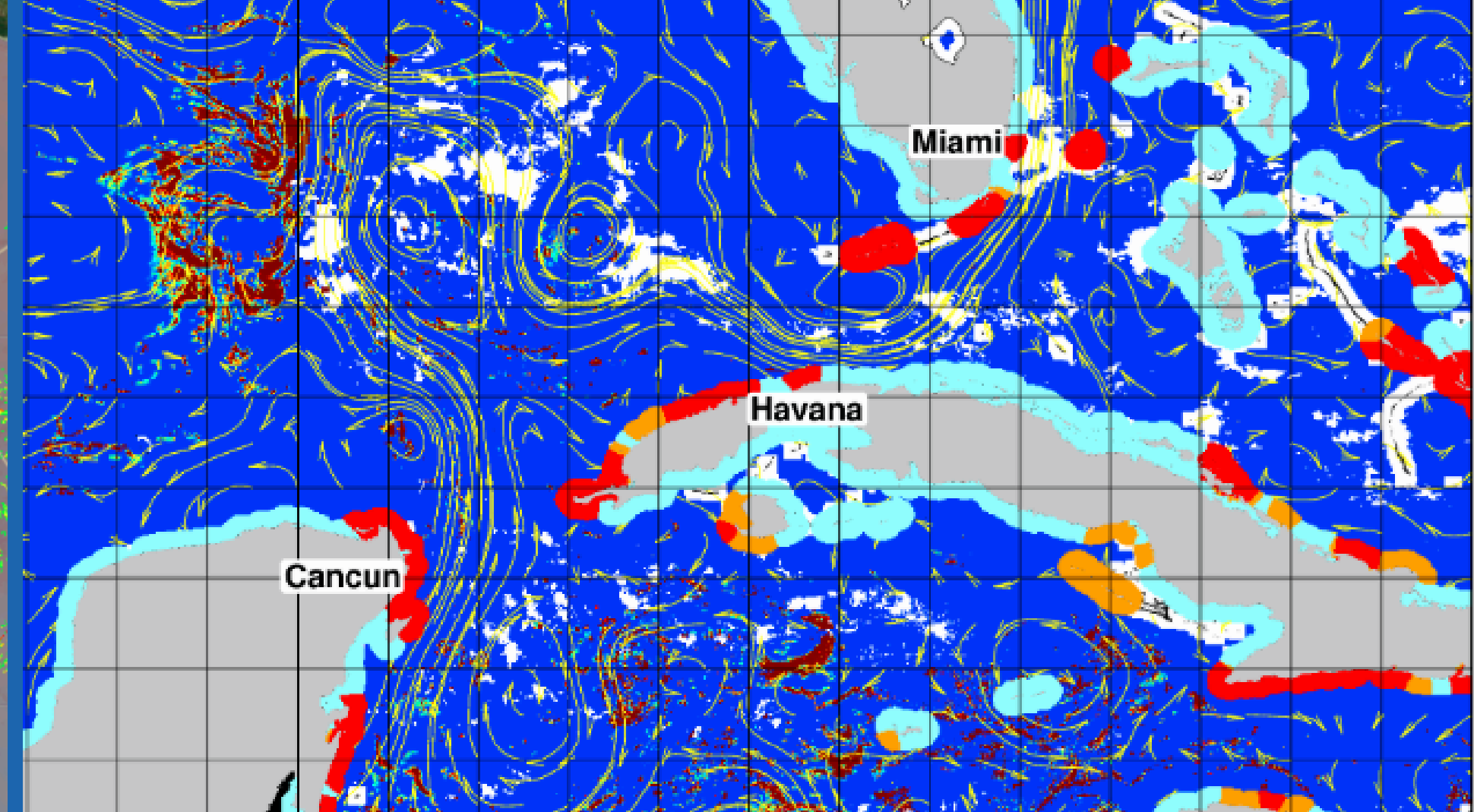
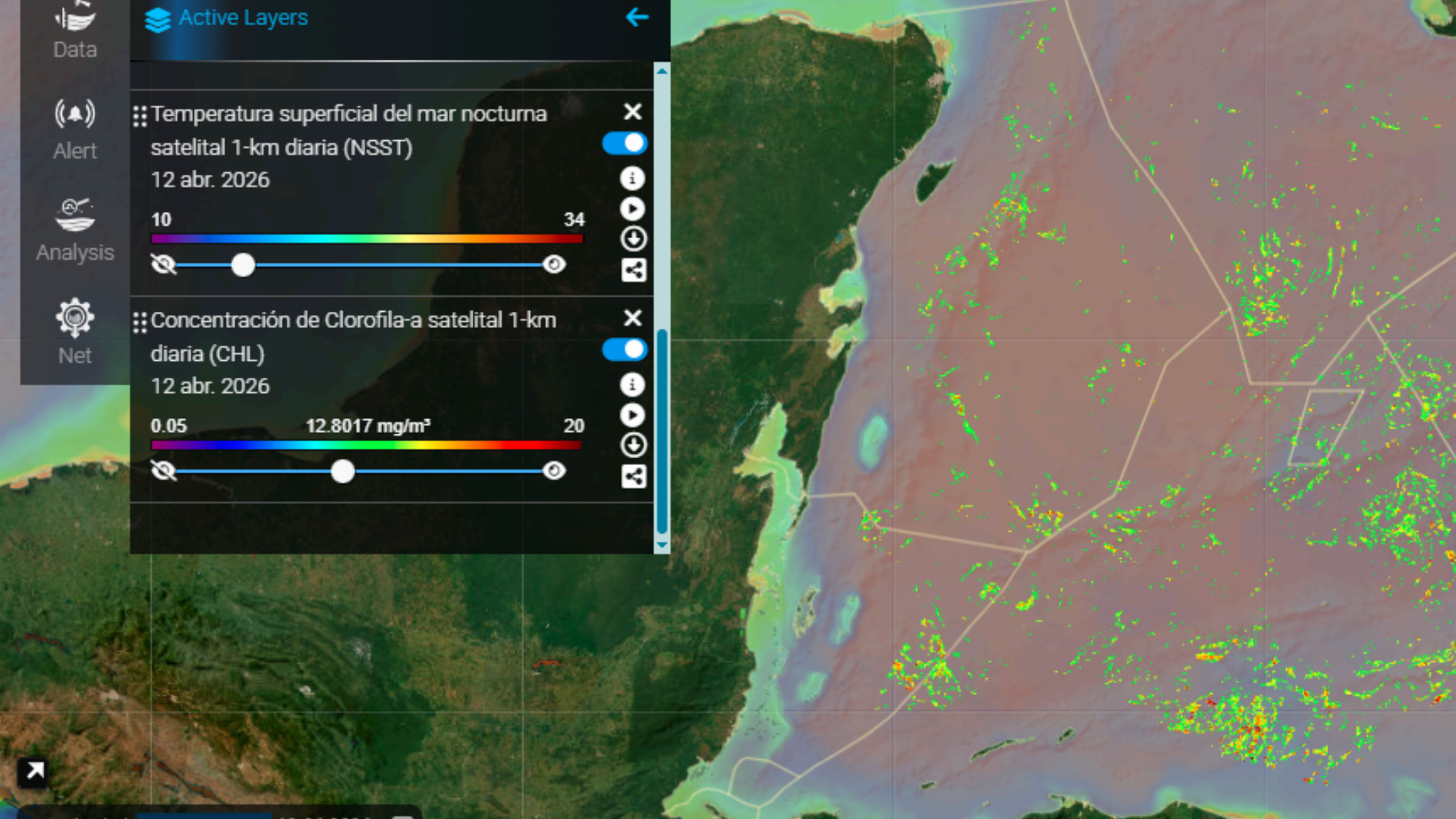
Skin irritation

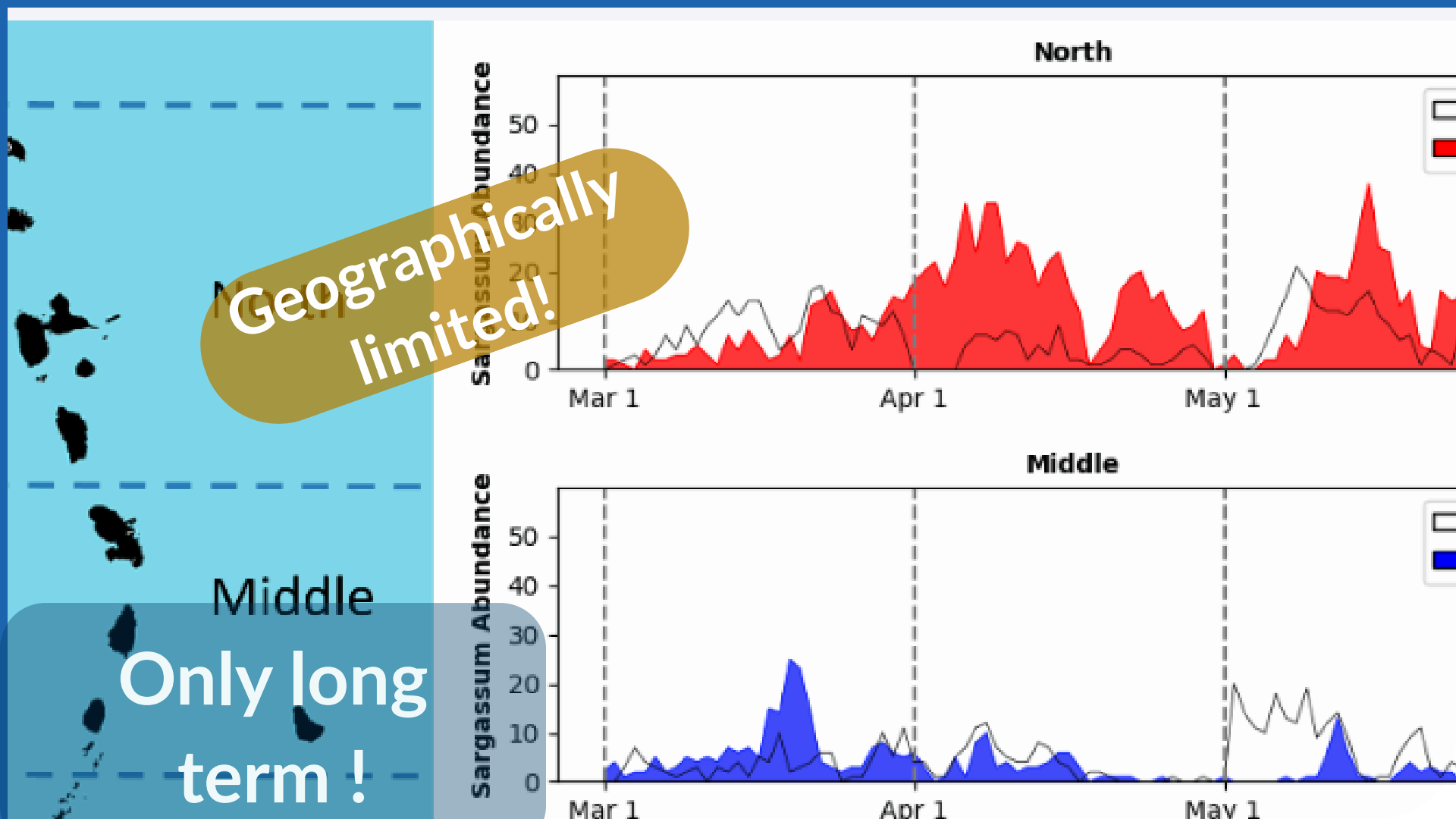
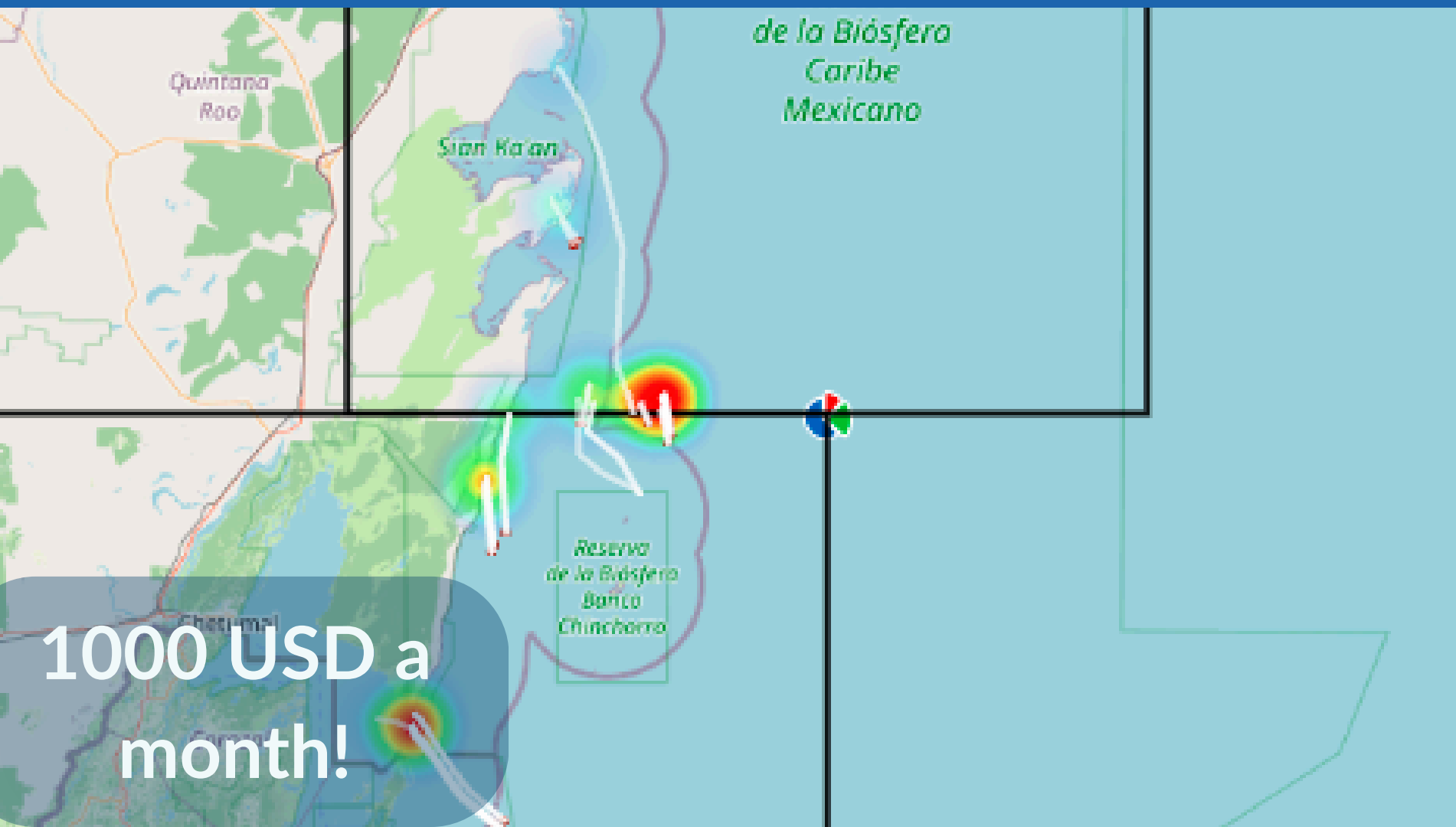
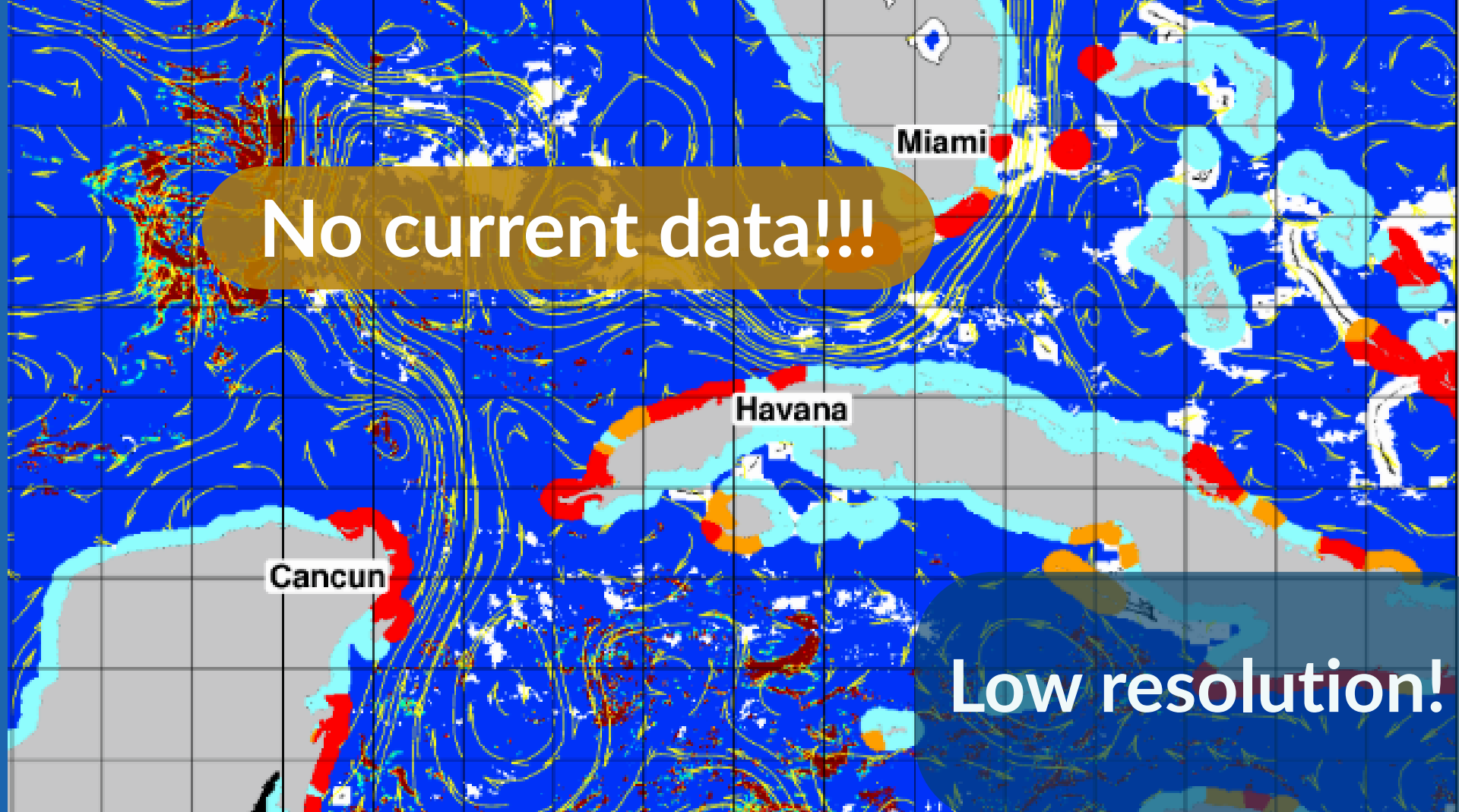
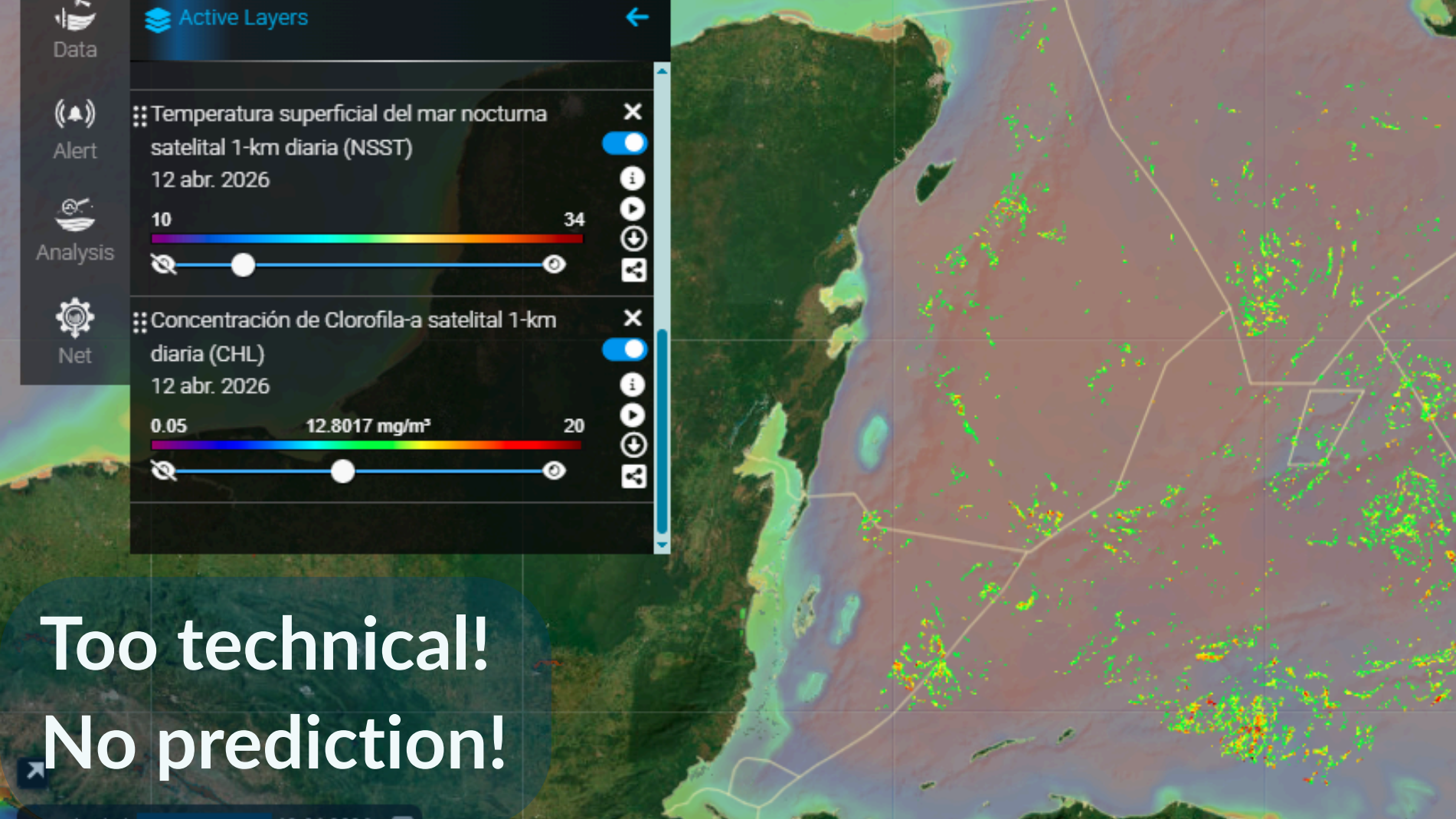


Collecting Sargassum



Sargassum collectors
work from
9 to 14hrs a day
collecting from **4-5**
tons/person/day
(Mexico)





Dive into the Sargassum Hub to discover more about the ongoing initiatives relating to the Sargassum phenomenon happening in coastal areas around the globe.

This section allows for information to be shared between governmental agencies, private sector, academia, NGOs, and other social groups, through the disclosure of initiatives and research projects happening in each of the participating and/or affected countries.



ANGUILLA

BARBADOS

BRITISH VIRGIN ISLANDS

DOMINICA

GHANA

GRENADA & CARRIACOU

JAMAICA

MEXICO

MONTSERRAT

SAINT LUCIA

SAINT VINCENT & THE GRENADINES

THE ABC ISLANDS

THE DOMINICAN REPUBLIC

THE FRENCH ANTILLES



English

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40,000 users per year

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Most users from academia



English

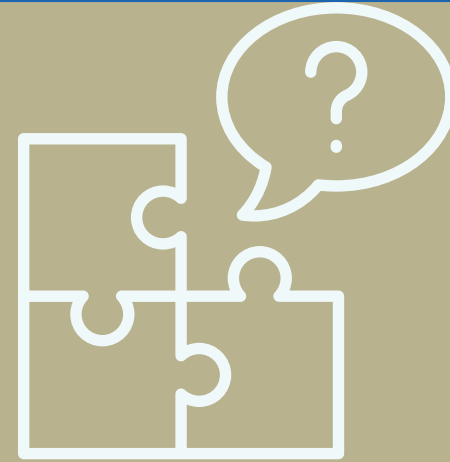
SARGo! TEAM



How we did it?



Survey



Needs



Hackathon



Solutions



Prototype

78
Respondents

4
Languages

"I need local information"
60%

"The information that exists is too general"

"I need information in my language"
45%

What people want to know!



Fishery sector

- When can I go Fishing?
- Quantities arriving



Tourism

Where can I go to swim?



Coastal Managers

- Plan the removal
- Prediction for the year



NGOs

- Plan the removal
- Prediction for the year



Policy makers

- Plan the removal
- Prediction for the year



Researchers

Open access to data

SARG'COMM



[Home](#)[Choose your location](#)[How it works](#)

Sarg'Comm

Your interactive guide to Sargassum and its applications.

Sargassum Journey

Explore the topic step by step, based on what is most useful for you.

[1. Basics](#)[2. Types & Behavior](#)[3. Use Cases](#)[4. Impacts](#)[5. Monitoring](#)[6. Final Recap](#)

How familiar are you with Sargassum?

[I've never heard of it](#)[I know the basics](#)[I work with it / deal with it](#)

Sargy



Hi, I'm Sargy. I help you understand Sargassum and what it means for you.

Ask me something about Sargassum.

[What is Sargassum and why is it increasing?](#)

[Why does Sargassum accumulate on beaches?](#)

[What are the impacts of Sargassum on people and the environment?](#)



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Doland McLaughlin

REFERENCES

EU COMMISSION 2025, GHANA CASE STUDY—FISH-FRIENDLY: POLICY INNOVATIONS FOR SUSTAINABLE FISHERIES AND AQUACULTURE IN AFRICA

Ramsewak, D., Jainath, D., Jagassar, A. & Potts, A. (2024) 'Deep-learning and high-resolution satellite imagery for monitoring impact of Sargassum on coastal ecosystems in Tobago', ISAP Congress, Porto, Portugal, 16–21 June.

Resiere, D., Florentin, J. and Névière, R., 2025. Evaluating the Ten-Year Health Impact of Hydrogen Sulfide (H₂S) and Ammonia (NH₃) Exposure from Sargassum Seaweed Invasions in the Caribbean: Public Health Implications. Harmful Algae, p.103027.

Rodríguez-Martínez, R.E., Torres-Conde, E.G. and Jordán-Dahlgren, E., 2023. Pelagic Sargassum cleanup cost in Mexico. Ocean & Coastal Management, 237, p.106542.

Schling M, Guerrero Campeán R, Pazos N, Bailey A, Arkema K, Ruckelshaus M. The economic impact of Sargassum: Evidence from the Mexican coast. Ecological economics. March 2026;241.

Sowah, Winnie & Jayson-Quashigah, Philip-Neri & Atiglo, D Yaw & Appeaning Addo, Kwasi. (2022). Socio-economic Impact of Sargassum Influx Events on Artisanal Fishing in Ghana. 10.21203/rs.3.rs-1861970/v1.

https://www.theguardian.com/environment/2024/apr/11/toxic-gas-livelihoods-under-threat-and-power-outages-how-sargassum-seaweed-causes-chaos-in-caribbean?utm_source=chatgpt.com

<https://thecancun.sun.com/experts-warn-that-sargassum-in-cancun-can-cause-mild-skin-rashes-for-some-tourists/>