



Reminder: Biscayne Bay Summit News - September 2020

Biscayne Bay Marine Health Summit Coalition <biscaynebaysummit@gmail.com>
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Fri, Sep 25, 2020 at 7:30 AM

SEPTEMBER 2020



Decades of Warning Signs' Preceded Biscayne Bay Fish Kill

Scientists examining this month's fish kill in Biscayne Bay say it follows decades of decline, but it still could have been prevented.

In the wake of a fish kill that littered the shores of northern Biscayne Bay with floating fish carcasses, scientists are trying to parse exactly what triggered the lethal event.

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Saving Biscayne Bay: Miami-Dade needs summer fertilizer ban, scientists say

Jim Kirk has been a landscaper in South Florida for more than two decades. He said fertilizer doesn't have to be used so frequently. Once applied, he said, it lasts for about three months.

Kirk said he is worried about how the overuse of

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Biscayne Bay Recovery Plan: Summary of Biscayne Bay Task Force



Recommendations

Working Together, We Can Help Save Biscayne Bay. Biscayne Bay is in trouble. Seagrass, the foundation of all life in the Bay, is dying. Scientists have studied Biscayne Bay's fragile ecosystem and have issued a call to action. We, the 2.8 million people who live and call Miami-Dade home, must answer that call.

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Your Impact on the Environment

Improving Water Quality in Your Neighborhood. When people think of pollution or excess nutrients making their way into surface and groundwater systems, we often imagine industrial plants or large farms as the primary sources. But residents, businesses and visitors also contribute excess nutrients and other pollutants to South Florida's lakes, rivers and wetlands. Individuals and small businesses can reduce pollution in a number of ways: properly maintain local stormwater management

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Florida's Water Quality Crisis

To fix fish kills and water quality issues in Biscayne Bay and avoid a similar fate across the state, Florida leadership needs to step up!

When people started texting me pictures of the Biscayne Bay fish kill happening right in Miami's backyard, I was horrified—but not surprised. For years, we've been pulling tons of plastic trash (125 tons to be more precise) from Biscayne Bay and educating people about marine debris sources ...

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Saving Biscayne Bay

2020: Responding to Crisis in the Bay Over the past few decades, pollution, rising temperatures and seagrass die-offs have all contributed to the declining health of Biscayne Bay. In mid-August 2020, the bay experienced unprecedented levels of low oxygen, resulting in [massive fish kills along the coast](#). Reports of gray-green algae in the water followed the fish kills. Our researchers [mobilized quickly](#), setting out on the water to collect water quality data that could give us a hint into what may be causing this ...

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Consensus Statement on Fish Kill and Algae Bloom in Biscayne Bay

Biscayne Bay is a jewel of our state and the treasured community backyard of Miami. Biscayne Bay generates billions of dollars annually, fueling an active clean water-based economy of real estate, tourism, boating, fishing, sailing, and more. The Bay is a designated Outstanding Florida Water, and hosts the Biscayne Bay Aquatic Preserve, the Bill Sadowski Critical Wildlife Area, and Biscayne National Park. It is also home to over a dozen threatened and endangered species.

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Fish Kill Finally Explained: Weather, wind contributed to fish kill in Biscayne Bay

The head of the ocean acidification lab at the Rosenstiel School of Marine and Atmospheric Science collected water samples of the areas affected by the phenomenon and explained possible causes. Last Friday morning, Chris Langdon, an expert in ocean chemistry and professor of marine biology and ecology at the University of Miami Rosenstiel School of Marine and Atmospheric Science, received a call from Rachel Silverstein, a University alumna and ...

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City of West Miami Unanimously Passes Fertilizer Ordinance

On Wednesday, September 16, 2020, the City of West Miami Commission unanimously passed a fertilizer ordinance on second reading incorporating all proposed amendments from Miami Waterkeeper. The City previously moved to pass a fertilizer ordinance in accordance with FDEP Florida Friendly Fertilizer Ordinance requirements, but Miami Waterkeeper worked with Planning and Zoning Director Juan Pena to review and propose strengthening measures to ...

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Miami Beach Passes Proposed Florida Friendly Fertilizer Ordinance on First Reading

Last month, the community saw unprecedented fish kill and algal blooms in the northern Biscayne Bay basin due to multiple factors, including extremely high-water temperatures, low-dissolved oxygen, increased freshwater flows from the Biscayne Canal and Little River, and an influx of nutrients such as nitrogen and phosphorus—primary components found in many fertilizers. In an effort to combat these nutrients from ...

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The Death of Biscayne Bay

A conversation about the future of our Biscayne Bay: What is happening? What can be done?

Welcome Remarks: Mark B. Rosenberg
President, FIU

Moderator: Mike Heithaus
Dean, College of Arts, Sciences & Education

Panelists: Piero Gardinali, Ph.D.
*Associate Director, FIU Institute of Environment
Director, Freshwater Resources Division, FIU Institute
of Environment*

Jim Fourqurean, Ph.D: *Director, Coastlines and ...*

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Lionfish Survey

A team of researchers from Colorado State University in the department of Human Dimensions of Natural Resources is conducting a survey to better understand options for lionfish management and welcomes your input.

The survey is accessible at <https://tinyurl.com/yye6f624> and will take about 10-15 minutes to complete. We hope to count with your participation.

For more information, please contact Nathan Smith at nrsmith@colostate.edu.

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Army Corps Begins Planning Project To Fix Biscayne Bay And Coastal Wetlands

The U.S. Army Corps of Engineers is taking public comment on its latest Everglades Restoration project that aims to help fix worsening conditions in Biscayne Bay.

The U.S. Army Corps of Engineers has begun planning its next Everglades project aimed at fixing troubled Biscayne Bay.

During a planning meeting Wednesday, Corps ...




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DOCUMENT CLIMATE CHANGE IN MIAMI

From flooding to heatwaves to coastal life, we want to know how you are being impacted by the changing climate.

Your photos and stories will help the city solve problems.

SIGN UP AND START POSTING TODAY

www.iseechange.org    ISEECHANGE



I See Change: Help Biscayne Bay Restoration Efforts

ISeeChange is a citizen science-based climate journal and a global community of people documenting the everyday social impacts of climate change.

ISeeChange is in Miami documenting storms and flooding and other extreme weather events like extreme heat and disruptions to coastal life.

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The Biscayne Bay Summit News is a monthly newsletter promoting post-Summit news, including restoration and preservation initiatives being planned or initiated by key Biscayne Bay Stakeholders.

Interested in collaborating with this Newsletter?

We hope so! This is a collaborative project in which you are the editor!

Click on the link below for the [Online Submission Form](#)

ARTICLE SUBMISSION FORM



Biscayne Bay Marine Health Summit Coalition

The purpose of the Biscayne Bay Marine Health Coalition is to establish collaboration amongst diverse stakeholders in order to create an effective Action Plan for reducing pollutants in Biscayne Bay as well as Miami-Dade's canals and rivers.

Founder & Project Coordinator: Luiz Rodrigues

Steering Committee Members: Albert Gomez, Camila Quaresma, Dave Doebler, Emilio Lopez, Irela Bagué, Patrick Shearer, Scott Strippling and Steve Sauls.



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Biscayne Bay Marine Health Summit Coalition | [360 Collins Ave, Suite 203, Miami Beach, FL 33139](#)

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