

LILLIANA TECHNOLOGIES

REVITALIZING OCEAN ECOSYSTEMS

A company with global ambitions

Benjamin Slotnick, Ph.D.

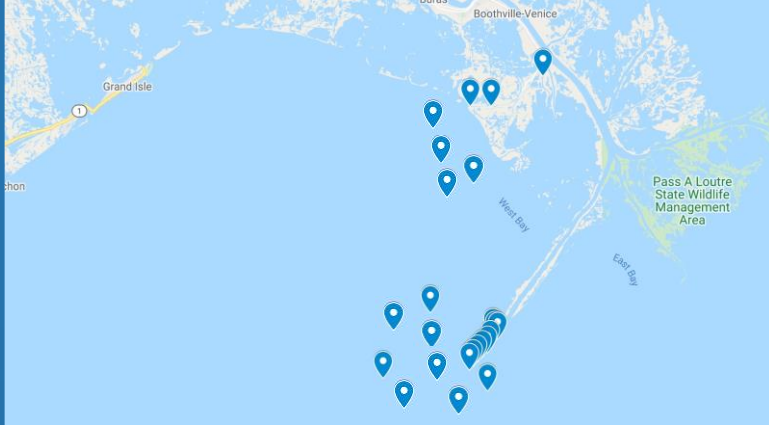
September 2022

 RICE ALLIANCE
Rice Alliance for Technology and Entrepreneurship

2022
**MOST PROMISING
COMPANY**

ENERGY VENTURE DAY DURING OTC
MAY 3, 2022

Recap & Progress: Offshore Water Sampling (Initial Recon)



Recap & Progress: Construction of first photobioreactors



Recap & Progress: Initial algal growth



Recap & Progress: Recon Work in Louisiana



Recap & Progress: Our Partners in Louisiana

A man with blonde hair and sunglasses, wearing a camouflage jacket, sits on a white boat seat. He is giving a thumbs up. In the background, another person is visible holding a can. The ocean and a clear blue sky are in the background.

Captain Cuda

A man with a beard and sunglasses, wearing a red t-shirt, sits at the helm of a boat. He is giving a thumbs up. The boat's dashboard with a screen and various controls is visible. The ocean and a clear blue sky are in the background.

Captain Andy

A man wearing a baseball cap and sunglasses, giving a thumbs up. In the background, a large offshore oil rig is visible in the water under a blue sky with some clouds.

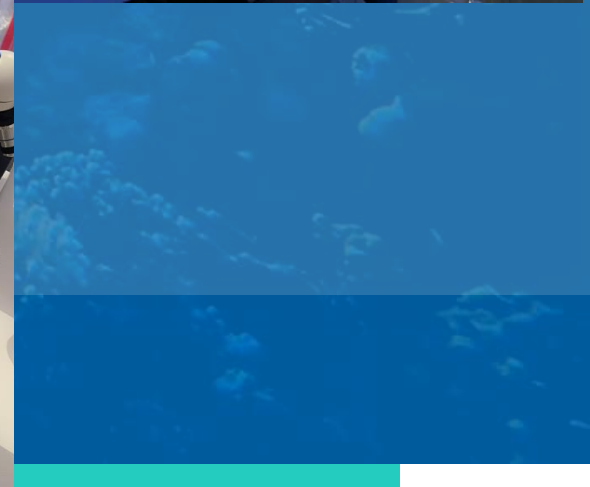
Captain Mikey

*Missing Captain David

Recap & Progress: More Recent Algae Cultivation

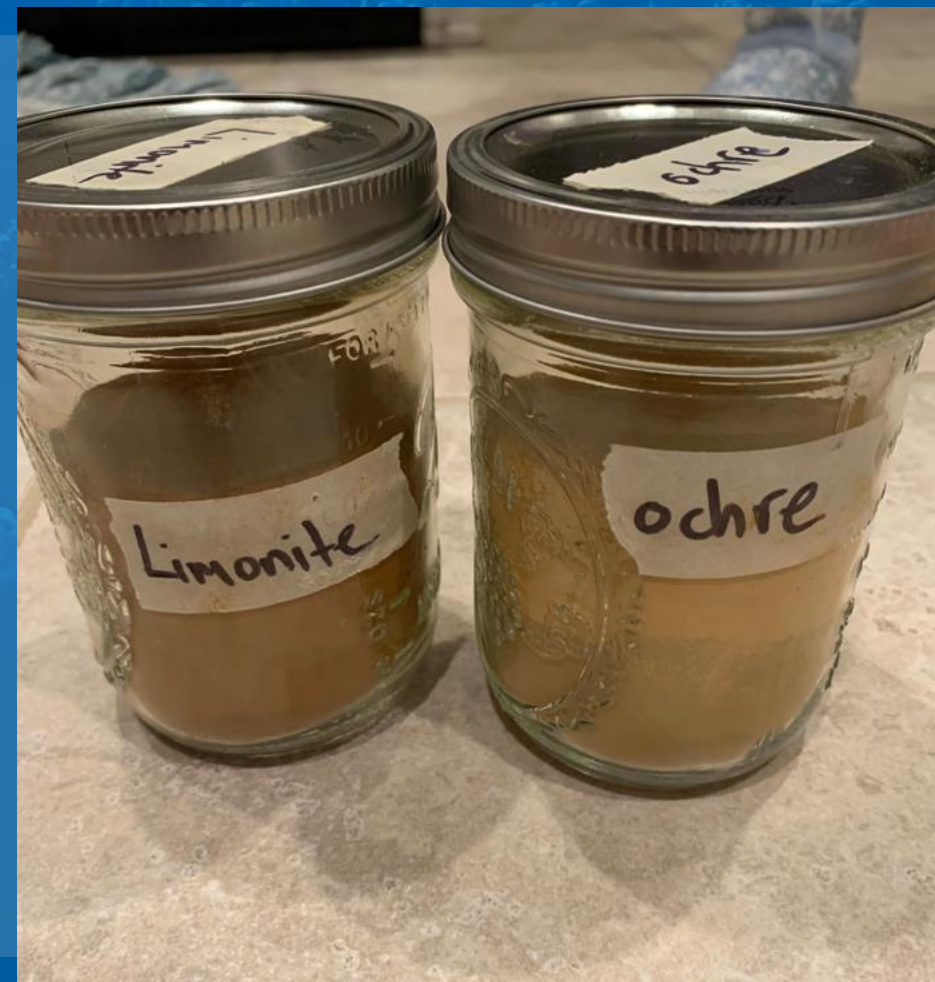


Recap & Progress: Lab Supplies



*Lillian of Lillianah working the microscope!

Recap & Progress: Pulverizing rocks for material preparation



Recap & Progress: One of earlier algae releases



Algae Transport



Algae Release



Algae in the ocean

Recap & Progress: Deployed data buoys



Recap & Progress: Generating spatial and temporal data



Recap & Progress: Dispersion and Release Activities



Recap and Progress: Louisiana offshore data collection (buoy and sonde data)



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