

## Flocculation for the Fish

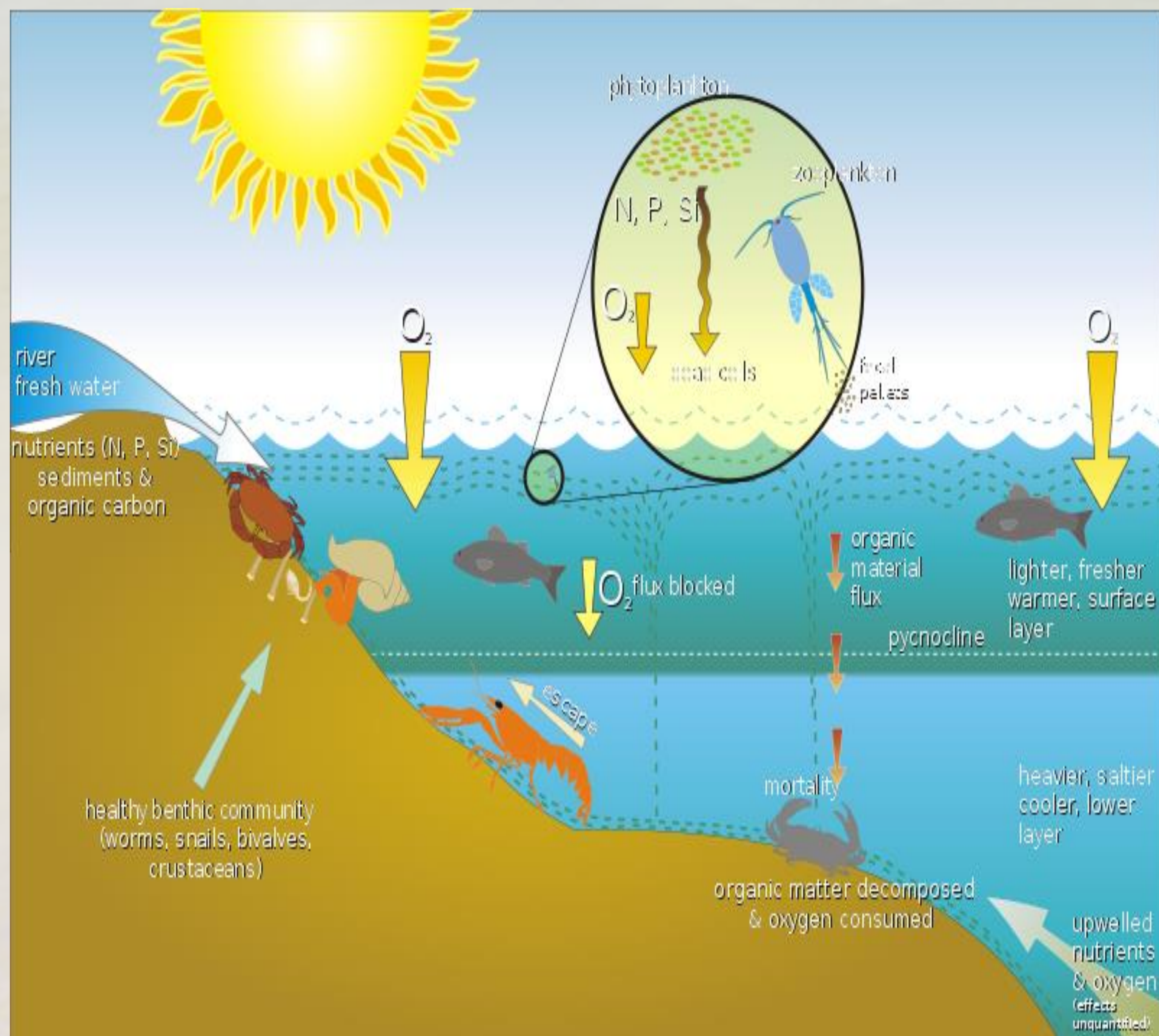
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### The Problem

The low oxygen levels in the Northern Gulf of Mexico have created a dead zone that is uninhabitable for fish.

### Cause

Harmful algal blooms feed on the nitrogen run-off from Mississippi River  
Algal blooms die and sink to the ocean floor  
Bottom dwelling bacteria eat algae and consume oxygen



### Solution

Encourage fish supply stores in Port St. Joe, FL to supply Bentonite clay flocculent

Fishermen buy clay at \$1 per pound and spray clay onto algae prior to it blooming to kill algae

Less algae=less bacteria= more oxygen= MORE FISH

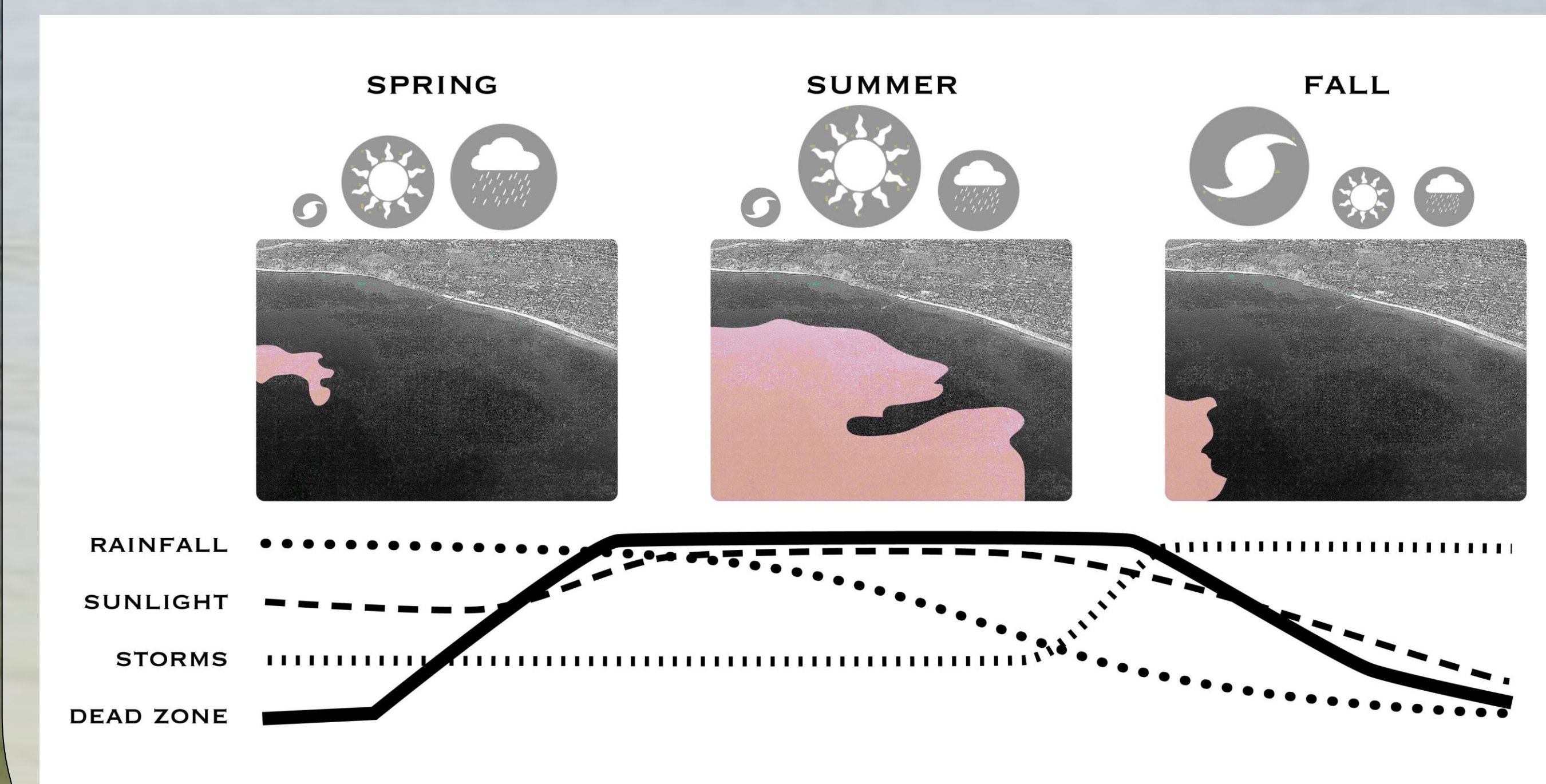
Other major ports in the Gulf follow the lead of Port St. Joe

### Sources

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### Clay Application

The clay should be applied prior to the peak dead zone season during the summer.



### Projected Results

Yields of Fish From Port St. Joe, FL

