



PRINCIPAL ORGANIZATION

Whitney Management Corporation

EXECUTIVE SUMMARY (150 words)

Provide a brief summary description of the problem that you are committed to solving and the solution that you are proposing. Your Executive Summary should be contained in a single paragraph. Focus on delivering a compelling overview so that the **Evaluation Panel** members assigned to score your application will want to read more. Your Executive Summary, along with other portions of your application, may be extracted and revealed to the public. Therefore, the paragraph should not require any other context to explain clearly the problem and your proposed solution. This is your opportunity to make a strong first impression.

Some believe that humans are killing the Earth by polluting its oceans, destroying its atmosphere, exploiting its resources, and over-populating. This is not true. We are not killing the Earth, **we are only killing ourselves**. Barring a celestial collision, the Earth will flourish long after humans. **We are the problem.**

We are now reaping what we have sowed. Because of our actions, our area in **South Louisiana (SLA) is eroding, sinking, and disappearing below rising sea levels**. SLA is a prime example of what's in store for coastal communities around the world as sea levels rise due to global warming. What can be done in our new reality?

It may be too late to solve some of the challenges that we created, but **we humans are also the solution.** In SLA, we have three possible solutions;

stay and pray,

move to higher ground,

or stay and embrace the water.

THE PROBLEM STATEMENT (250 words)

Please provide a broad description of the specific problem that your team is committed to solving. Identify who or what is impacted by this problem. Offer an explanation of the current resources that are available to address the problem. Focus on why those resources are insufficient to support meaningful progress toward one or more aspects of a solution. Explain any previous attempts to solve the problem, if there were any, and/or why the problem persists within the current environment. Later, you will be asked to explain in detail your proposed solution; here, focus on defining the problem and setting the stage for your proposed solution

We humans have not only exploited the water and other natural resources of Earth, but have attempted to control them. We have built levees along the Mississippi to protect surrounding areas from spring time flooding. We have extracted and exploited oil and gas resources and have cut extensive canals to do so. We have contributed to the effects of global warming.

Our actions have been harmful to our very existence. Spring time floods no longer rebuild the land and fill our valuable estuaries with rich nutrients. The lack of fresh water flow has allowed salt water to intrude thru numerous man-made canals killing trees and vegetation allowing escalating erosion. Resource extraction has contributed to settling of formations causing the land above to sink. Finally, on a global basis, sea levels are rapidly rising as polar ice caps and glaciers melt.

South Louisiana (SLA) is the perfect collision of human attempts to control earth physical processes and exploit its natural resources without ample consideration being given to the long-term effects. SLA is located south of Interstate 10 and is a prime example of effects of short-sighted human actions. **SLA is eroding, sinking, and disappearing** as we watch and pray for a miracle solution.

In spite of our well-intentioned actions to create levees or walls to keep the flood waters and storm surges out, our new reality offers only three alternate solutions to SLA residents:

- (1) Stay and Pray
- (2) Move to high ground, or
- (3) Stay and Embrace the water.

YOUR SOLUTION (250 words)

Describe your proposed solution in general terms, using layman's language, and explain how it will make meaningful progress toward a solution to the problem you've identified. What will be the direct benefits (outcomes) of this proposed solution? Who are the direct beneficiaries? Explain how and for how long these benefits will be sustained once the solution has been implemented. Why have you chosen this particular solution, and what is the best argument for this approach, as compared to potential alternatives? Focus here on the broad goals that you seek to achieve. Describe any tactical or operational plans that you will employ in the following questions.

Philip's Aquarian Daydream (PAD) is to promote the escape from terra firma and to embrace the water with **the creation of planned communities of floating homes (herein PADs) that are safe, sustainable, cost efficient, wind rated, and earth friendly.** PAD communities will present care free living and offer numerous ways to ***embrace the water.***

Using a combination of several existing technologies and construction methods, our proposal is to **manufacture, install, and sell single family PAD homes** that float, in communities of 100 or more. These homes will be connected in some pattern and be anchored at two or more mooring posts. The mooring posts will be the only connection to the water bottom.

The PAD communities will be designed to have the minimal impact on the Earth. Being off the grid, every PAD home will have roof top solar panels and wave motion generators. Small wind turbines could be mounted on mooring posts to service the community.

In addition to the mechanical and electrical systems, each PAD home will contain four major components:

- (1) Floatation modules
- (2) PAD Base
- (3) Structural frame
- (4) Living modules

In each community there will common floating facilities and assets such as:

- (1) Community Center/Visitors Inn

(2) Boat Harbor

(3) M&E / Maintenance Unit

Recognizing the residents may still need some contact with Terra Firma, each community will have a land based support facilities such as:

(1) Initial Assembly yard

(2) Shuttle Boat/Dock

(3) Resident/Visitor parking lot

(4) Solid/Liquid Waste Disposal

VIDEO

[View in new full window](#)



THEMATIC AREA OF THE PROBLEM

Describe or select the primary thematic area of the problem that you propose to solve (the drop down list is meant to be suggestive, not exhaustive or prescriptive).

Sustainable Cities, Communities and Regions

LOCATION OF WORK

Where do you expect the greatest impact of your project is going to take place? You must choose at least one location, and you may select up to four. If you do not see your location, you may enter it in the Other text box.

Country/State

United States: Louisiana

Country/State

Select

Country/State

Select

Oceans/Space/Global

Select

Other