

SANTA MONICA ARK

Santa Monica is one of the most beautiful cities by the west coast and has historical destinations like the pier that maintains the traditions from the 19th century. However, Santa Monica is facing a multiple of environmental challenges that are flooding into the city: short capacity to treat the influx of wastewater, lack of renewable and environmentally friendly structures due to urbanism, drought, global warming and so on. It is the time for the city to establish a protective system that can enhance the positive vision of how new infrastructures can improve the city. Santa Monica's Ark is an iconic and aesthetically powerful structure that has the key to utilize energy from nature and convert it into drinking water. The proposed site recycles the urban runoff and wastewater and utilizes the seawater to generate clean, safe water that involves algae farm, seawater green house in the process. The system not only solves the problems but also generates nature and the public engagement by producing various habitats, fresh food and recreational settings. It is the modern Noah's Ark that protects Santa Monica's residents, visitors and ecosystem from further environmental and urban challenges. This project aims to cultivate the public awareness and proactive visions of the importance of the environmental issues by creating a majestic infrastructure that floats on the Santa Monica Bay.

