



AMERICAN SAMOA

BLUE-GREEN INFRASTRUCTURE
PILOT PROGRAM



OVERVIEW

-  About American Samoa
-  Goals & Objectives
-  Proposed Projects
-  Unique Challenges & Lessons Learned

ABOUT AMERICAN SAMOA



NATURAL RESOURCE FUN FACTS:

- ✓ 2020 US Census Population – 49,710
- ✓ US Territory South of the Equator
- ✓ US National Park System
- ✓ National Marine Sanctuary
- ✓ Giant Porites Corals
- ✓ Coastal Zone Area



Photo Credit: National Park of American Samoa
National Park in Ofu, Manu'atele



LOCATION

AMERICAN SAMOA



Photo Credit: National Marine Sanctuary of American Samoa
Big Momma - Valley of the Giants



Photo Credit: National Park of American Samoa
National Park in Ofu, Manu'atele



Photo Credit: American Samoa Visitors Bureau
Pago Pago Bay



Photo Credit: American Samoa Visitors Bureau
Fatu ma Futi Natural Site



COASTAL ZONE MANAGEMENT



Tau

Photo Credit: National Park of American Samoa
Nu'uuli Pata Lagoon

GOALS & OBJECTIVES



- Sustainable Nature-based Solutions;
- Our Livelihood and Culture;
- Disaster Preparedness and Climate Resilience;
- Shoreline Protection and Stabilization;
- Economic Development;
- Improve Water Quality.



GREEN-BLUE INFRASTRUCTURE PILOT PROJECT

- Reef Balls
- Bioremediation Strategy
- Living Shoreline



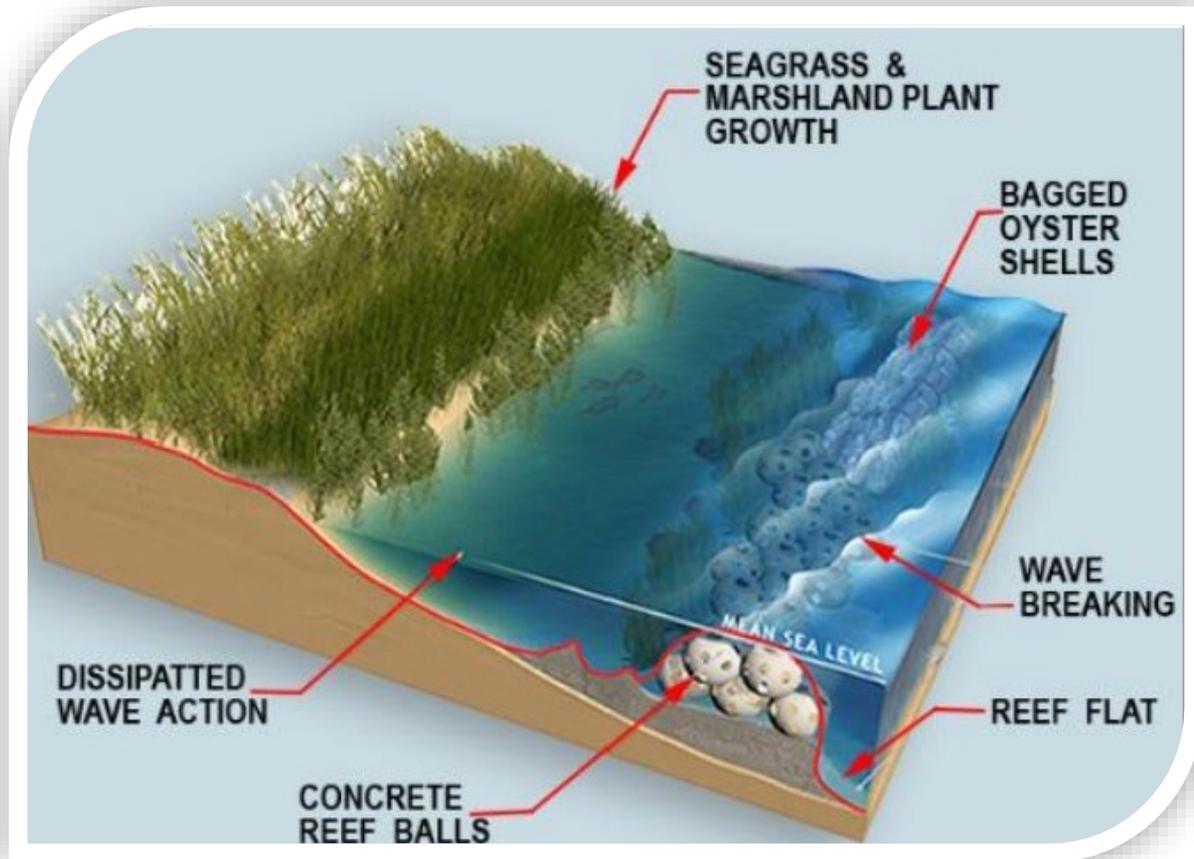


Multi-Prong Approach & Benefits

A Living Shoreline with Reef Balls

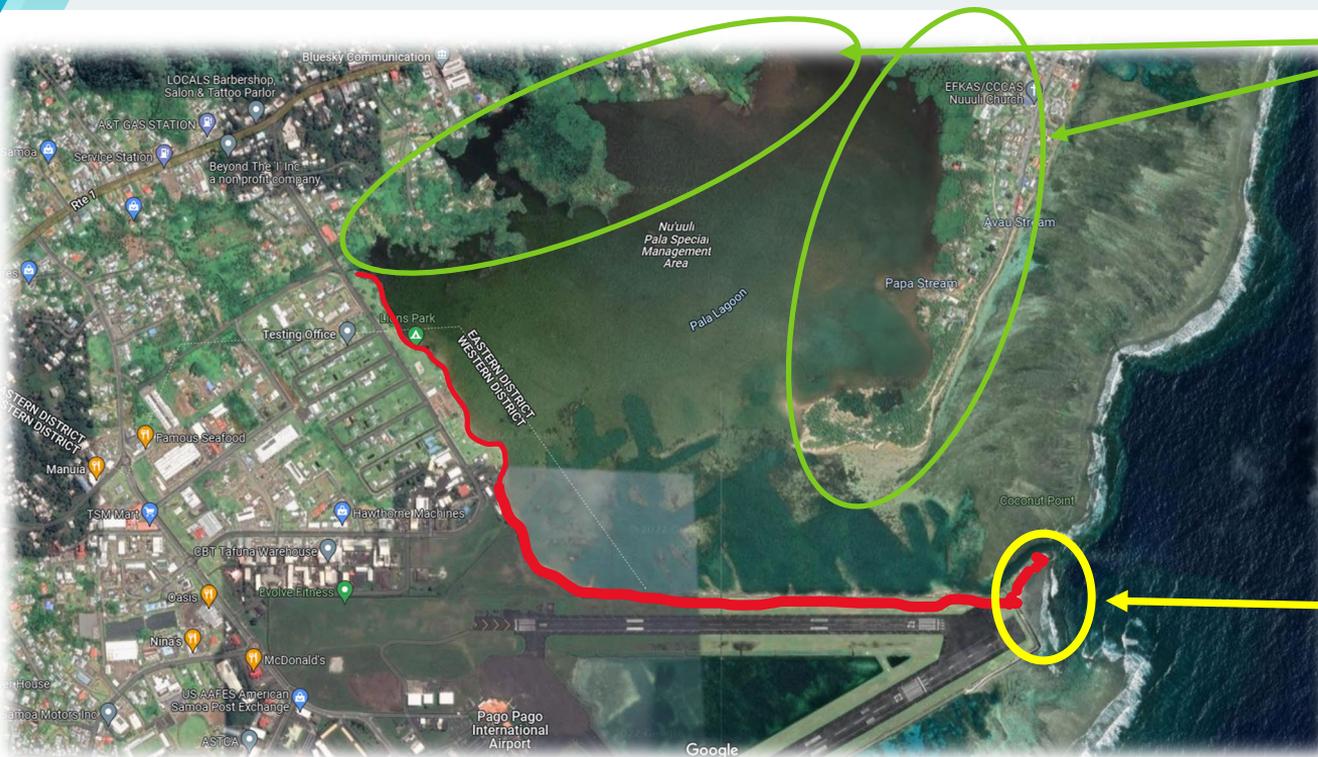
- designed artificial reef modules
- coral restoration
- improve marine life habitats
- act as wave breaks and reduce wave attenuation
- oysters are known for removing pollutants
- improve water quality

Big Concept





FIRST PILOT



Nu'uuli Wetlands / Pala Lagoon

Dual-Purpose:

1. Shoreline Protection
2. Walkway / Access to fishing spot

One of the best fishing spots on island



“ CHALLENGES

- ▶ Lack of funding to plan and prep projects to be shovel or concept ready
- ▶ Lack of local expertise

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LESSONS LEARNED

- ▶ Research & feasibility studies
- ▶ Public Awareness & Outreach
- ▶ Technical assistance & partnership

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BIG WHY? THIS IS HOME



in Allen