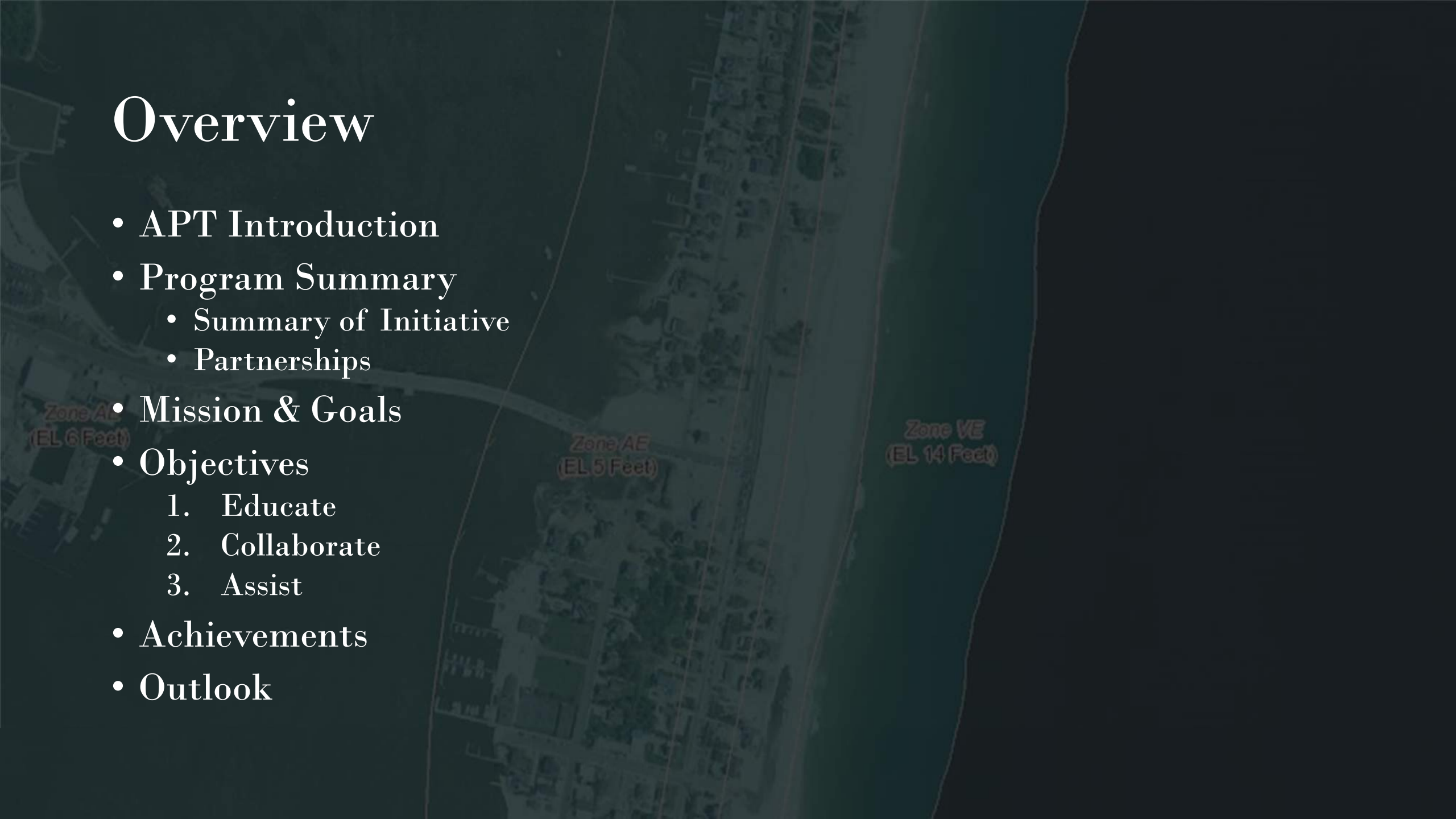


An aerial photograph of a coastal area, likely a city or town, with a large body of water on the left and a coastline on the right. The image is overlaid with a semi-transparent dark blue banner containing white text. In the background, there are faint red lines and labels indicating flood zones: 'Zone AE (EL 6 Feet)' on the left, 'Zone VE (EL 14 Feet)' on the right, and a partially visible 'Zone X' in the center. The text 'Association of Preservation Technology Disaster Response Initiative (APT-DRI)' is centered on the banner.

Association of Preservation Technology Disaster Response Initiative (APT-DRI)

Overview

- APT Introduction
- Program Summary
 - Summary of Initiative
 - Partnerships
- Mission & Goals
- Objectives
 1. Educate
 2. Collaborate
 3. Assist
- Achievements
- Outlook



Who is APT?

- The Association of Preservation Technology (APT) is an international, interdisciplinary membership organization dedicated to advancing the application of traditional and contemporary technology appropriate to conservations of the built environment and the cultural resources that contribute to its significance.
- The organization comprises of preservationists, architects, engineers, conservators, consultants, contractors, craftspeople, curators, developers, educators, historians, landscape architects, students, technicians, and other persons directly involved in the application of methods and materials to maintain, conserve, and protect historic structures and sites for future use and appreciation.
- Website: <http://www.apti.org/>



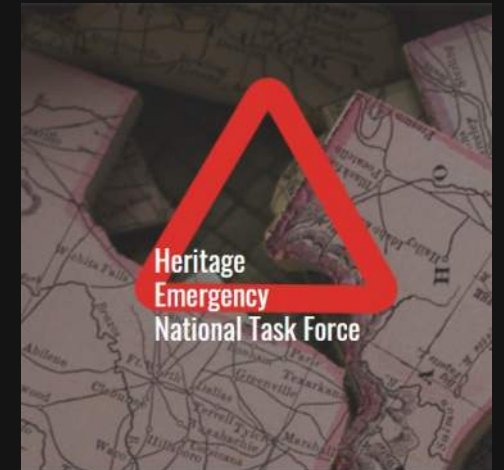
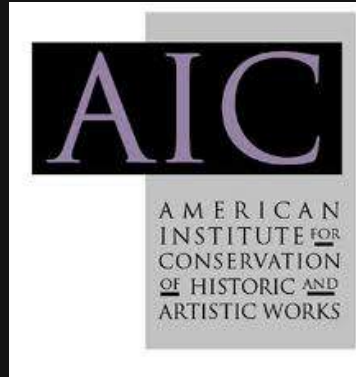


Program Summary

Summary

- Created by the request of the APT President (Dean Koga) at the 2017 Ottawa Conference in an effort to utilize APT's technical strengths and resources in the preservation of heritage structures in light of natural and man-made hazards.
- Spearheaded by the Preservation Engineering Technical Committee (PETC) who is active in research and developing strategies for education, partnership and outreach for the initiative.
- Focused on bringing awareness to heritage structures that are vulnerable to natural and man-made disasters
- Exploring variety of training initiatives as to how best to prepare at-risk communities in light of these hazards.

Partnerships



The Team



Nina Jean-Louis, Task Lead

Nina is a junior structural engineer specializing in heritage structures and flood resiliency interventions for historic coastal communities.




John Dumsick, Task Lead

John is a senior structural engineer specializing in rehabilitation of heritage structures and disaster response.

An aerial photograph of a residential neighborhood. The left side of the image shows a hillside with many bare, charred trees, suggesting a wildfire impact. The right side shows a street with houses, some of which appear damaged or in ruins. A large black rectangular overlay covers the center of the image, with the text "Mission & Goals" written in white serif font.

Mission & Goals



“As a task force, we are dedicated to assisting like-minded organizations and local communities (including municipal and state historic preservation and disaster mitigation officials) in protecting heritage structures vulnerable to natural and man-made disasters.”

Goals

1. Establish an educational awareness campaign for protecting heritage structures for natural and man-made hazards.
2. Create a collaborative knowledge exchange with the partnerships of other like-minded organizations involved in disaster-related initiatives in both the U.S. and Canada.
3. Provide design professional technical support to aid federal, state, and local governments and organizations of both the U.S. and Canada.

A photograph of a red brick building with white architectural details and scaffolding. The building features several windows with white frames and decorative pediments. Scaffolding is visible on the left and right sides of the building. A dark semi-transparent rectangle is overlaid in the center of the image, containing the word "Objectives" in white serif font.

Objectives

APT-DRI Objectives

1

EDUCATE

Raise awareness of the appropriate preparedness and response techniques appropriate for heritage structures

2

COLLABORATE

Form partnerships with federal, state and local governments and organizations

3

ASSIST

Serve as a technical resource for related historic built environment and disaster related issues

Educate

- Develop an online technical resource database accessible by organizations and communities including presentations, workshop material, bulletins and articles relating to protecting historic structures in light of man-made and natural hazards.
- Create a training seminar series involving methods to protect, preserve and rehabilitate the historic built environment impacted by natural and man-made disasters. This can be achieved via an online platform or in-person training series.
- Provide technical input on the historic built environment for other disaster response training platforms created by other organizations for APT review.

Collaborate

- Partner with like-minded organizations to establish a knowledge exchange program (i.e. presentations, workshops, panel discussions between organizations).
- Establish outreach initiatives with state and local historic preservation and emergency management offices such that APT can become a direct contact for aid in disaster response.

Assist

- Develop a database of APT members that are professionally trained to response to a disaster site.
- Create a deployment system of APT members for disaster response services after a hazard event as occurred. This system will be utilized by state and local historic preservation and emergency management offices as well as by request from partnering organizations.

A tropical beach scene with a palm tree in the foreground, turquoise water, and a city skyline in the background. The palm tree is on the left, leaning towards the center. The water is a vibrant blue-green. The city skyline is visible in the background, with various skyscrapers and buildings. A semi-transparent dark grey rectangle is overlaid on the image, containing the text.

Achievements & Next Steps

Achievements

- Representation at Annual HENTF Meeting
- Presentation at Safety and Cultural Heritage Summit (American Industrial Hygiene Association, Washington Conservation Guild, and Smithsonian)
- MOU Development with FAIC
- Initiated partnership discussion with FSEA
- APT-DRI framework established
- Disaster training workshop at APT Miami 2019

Next Steps

- Establish relationships with U.S. SHPOs and Canadian equivalent
- Develop marketing/branding presence
- Identify additional partnership organizations
- Create database of current members trained in disaster response
- Collection of all disaster related educational material (articles, conference sessions, workshop material)
- Develop educational campaign identifying need of technical resources for educating second responders