



## **Resilience and Disaster Planning CAMP Topics**

### **NAPC Disaster Planning & Recovery for Historic Communities: An Overview**

This overview presentation provides a foundation for understanding how disaster planning, whether in preparation for future extreme climate-related events or conditions (including long-term impacts from sea level rise) or in recovery from natural disasters, incorporates considerations for the protection of historic properties and cultural resources.

#### **Learning Objectives:**

1. Engaging HPCs in the work of disaster planning & recovery for historic resources.
2. Familiarizing HPCs with the terminology, practices and funding sources for disaster planning & recovery.
3. Empowering HPCs to promote historic survey, risk assessment, documentation and preservation-based design guidance for disaster adaptation of historic resources.
4. Ensuring HPCs develop defensible decision-making processes & procedures for pre-disaster adaptation and post disaster rehabilitation.

### **Pre-Disaster Adaptation & Post-Disaster Rehabilitation**

How property owners can adapt their historic buildings for greater resilience in response to climate related events or conditions (including long-term impacts from sea level rise) is the focus of this session. A review of the various types of disasters, methods of adaptation consistent with the Secretary of the Interior's Standards, state or local design guidelines for adaptation, salvage protocols and funding and training opportunities will be reviewed along with case studies in successful approaches to flooding, fire and earthquake preparedness solutions.

#### **Learning Objectives:**

1. Identifying hazard types and adaptation methods appropriate to specific resource types and environmental settings.
2. Determining what materials and methods are consistent with the Secretary of the Interior's Standards.
3. Applying FEMA guidance for substantial improvements / substantial damage to SOI Treatment Standards for Rehabilitation.
4. Understanding funding programs, code requirements and economic decisions tied to disaster

adaptation & recovery.

### **Applying Design Review Standards and Guidelines to Disaster Adaptation & Recovery**

This training begins with an overview of the Secretary of the Interior's Standards (SOI) including factors for determining historic significance and integrity. Following on that is an analysis of the application of the Standards to building and site retrofits aimed at reducing risk from natural disasters. This will include familiarization with natural disaster terminology, the application of the NPS guidance for flooding adaptation, a review of adaptation alternatives for flooding and fire risk reduction, and information on the National Flood Insurance Program requirements for flood reduction.

#### **Learning Objectives:**

1. Reviewing the Secretary of the Interior's Standards as relevant to National Register consideration of historic significance and integrity.
2. Discussing state and local design guidance and preservation plans considering disaster adaptation alternatives.
3. Familiarizing HPCs with disaster terminology, the National Flood Insurance Program design requirements, and specific examples of how the SOI Standards have been applied in disaster adaptation design.
4. Exploring case studies on flood adaptation alternatives, including building elevation.

### **Design Review Exercise: Applying Standards and Guidelines to Disaster Adaptation**

After a review of the Secretary of the Interior's Standards for Flooding Adaptation and the application of GIS-based 3D modeling and visualization participants will apply the SOI standards to the treatment of two types of flooding adaptation alternatives. One will address structural barriers (sea wall, raising streets, flood pumps/electrical stations) while the other addresses non-structural (elevation and relocation). The exercise will also address alternatives compliant with the National Flood Insurance Program requirements.

#### **Learning Objectives:**

1. Ensuring HPCs and Staff understand the basics of applying the Secretary of the Interior's Standards (SOI) for Rehabilitation.
2. Providing specific examples of how the SOI Standards have been applied in disaster recovery projects.
3. Clarifying which disaster adaptation strategies are and are not consistent with the SOI Standards and/or local Guidelines.
4. Applying the Secretary of the Interior's Standards to a flooding adaptation case study.

### **Economics of Disaster Planning**

Understanding what historic communities have at stake when disaster strikes and ways in which to incentivize the adaptation of historic properties is the emphasis of this session. After reviewing some of the best practices in determining economic impacts in historic communities, a more thorough analysis will be made of methods for assessing the costs and losses to cultural heritage in disaster-prone

communities. From costs associated with rebuilding historic Main Street communities to losses tied to cultural institutions and residential properties, this session will touch on valuation and sources for funding disaster adaptation, including historic tax credits.

**Learning Objectives:**

1. Exploring the economic impacts of natural disasters and the assets at risk.
2. Identifying economic incentives for flood adaptation.
3. Reviewing sources of funding for adaptation (i.e. FEMA, NPS).
4. Analyzing case studies on financing adaptation including the use of historic tax credits and other incentives.

**Public Engagement in Disaster Adaptation & Recovery**

How to effectively communicate disaster risk, engage community members in determining their values for historic places and develop disaster preparedness toolkits specific to the hazard type and the priorities of a historic community are the outcomes of this public engagement training. This session will help participants to identify the appropriate partners and stakeholders, provide ideas on the wide variety of ways to inform the public, educate key decision-makers, and adopt public awareness as a key tool in your adaptation toolkit.

**Learning Objectives:**

1. Developing a risk and resource-based communications strategy appropriate to your community for both pre- and post-disaster communication.
2. Fostering partnerships with key community leaders, organizations and agencies.
3. Identifying key components of a disaster preparedness informational toolkit that are fun, engaging and creative.
4. Reviewing case studies on best practices in public engagement.

**Disaster Risk Assessment Survey & Documentation**

Taking the traditional approach to historic resource survey to the next level is the emphasis of this training session. After a brief review of the basics of historic resource survey and documentation, participants will learn about the NPS CR Surveyor tool, the FEMA approach to disaster preparedness survey and risk assessment, and NCPTT's post-disaster survey and assessment tool. The session will conclude with the importance of documentation and the realities associated with communities that must learn how to say goodbye.

**Learning Objectives:**

1. Empowering HPCs to promote historic survey, risk assessment, and documentation for disaster preparedness.
2. Applying FEMA guidance for risk assessment and prioritization to intensive level historic property and cultural resource survey.
3. Examining the process of post-disaster assessment, including the National Center for Preservation Technology and Training (NCPTT) survey tool.
4. Reviewing case studies in risk assessment survey and documentation.

### **Post-Disaster Response: Meeting Procedures**

The recent public health pandemic has exposed many commissions to new methods for hosting public meetings and hearings. This session will discuss existing emergency protocols for public meetings, the need to amend regulatory or administrative tools to support those new protocols, the concept of administrative approvals and expedited review and the importance of coordinating with other agency reviews when disaster strikes.

#### **Learning Objectives:**

1. Ensuring HPCs are aware of required due process and procedural rules in place for the conduct of public meetings.
2. Informing HPCs as to legal procedures required in noticing and conduct of administrative meetings and public hearings impacted by a natural disaster.
3. Sharing best practices in ensuring sufficient public notice and public comment in post-disaster public hearings.
4. Identifying procedural and regulatory processes and tools available for alternative or expedited review of Certificates of Appropriateness.

### **Disaster Preparedness & Recovery Planning**

This session will explore the basics of preservation planning as well as the shared purpose of preservation and emergency management, identify stakeholders in disaster planning, provide tools and resources for disaster preparedness and recovery and discuss materials and methods for disaster adaptation. The role of the commission and staff in planning and recovery will be highlighted.

#### **Learning Objectives:**

1. Identifying historic preservation's role in local and state land use and emergency planning.
2. Encouraging the proactive involvement of HPCs & staff in the process of developing and updating local land use and emergency plans.
3. Ensuring HPCs & staff are familiar with FEMA requirements and resources for pre-disaster preparedness planning and post-disaster recovery, including Section 106.
4. Increasing HPCs & staff knowledge about the National Flood Insurance Program and other FEMA Hazard Mitigation programs.

To learn more about bringing this CAMP to your community, please give us a call at 757-802-4141 or email [director@napcommissions.org](mailto:director@napcommissions.org).