The background of the slide is a faded, sepia-toned image of an antique map. A magnifying glass is positioned over the map, focusing on a specific area. The map features a grid of latitude and longitude lines, a compass rose, and various geographical details. The overall aesthetic is historical and exploratory.

NAVIGATING UNCHARTED WATERS

DISASTER PLANNING FOR HISTORIC RESOURCES

JENNIFER WELLOCK, NATIONAL PARK SERVICE

JENIFER EGGLESTON, NATIONAL PARK SERVICE

WHY NPS?



HAZARD MITIGATION AND HISTORIC PROPERTIES



Integrating Historic Property and Cultural Resource Considerations Into Hazard Mitigation Planning

State and Local Mitigation Planning How-To Guide

FEMA 386-6 / May 2005



LEARNING TO PLAY WITH OTHERS



BEFORE THE DISASTER:

PREPARING



Getting your ducks in a row

WHY DO MITIGATION PLANNING?

States must have Mitigation Plan as a condition of Federal pre- and post-disaster assistance.

- **Robert T. Stafford Disaster Relief and Emergency Assistance Act (PL 93-288), as amended, provides legal basis to undertake a risk-based approach to reducing risks from natural hazards through mitigation planning.**

State, Tribal and local gov'ts are required* to develop hazard mitigation plans as a condition for receiving certain types of non-emergency disaster assistance, including funding for mitigation assistance:

- **Hazard Mitigation Grant Program (HMGP)**
- **Pre-Disaster Mitigation (PDM)**
- **Flood Mitigation Assistance (FMA)**
- **Severe Repetitive Loss (SRL)**

MITIGATION PLANNING CONTINUED.....

Floods: to get funds under the Flood Mitigation Assistance program from the Flood Insurance Action of 1968, amended, must have a mitigation plan that addresses flood hazards.

Community Rating System (CRS): When communities go beyond the minimum standards for floodplain management, discounts may be available on flood insurance premiums for policy holders in those communities.

HISTORIC PRESERVATION CHECKLIST NPS

Historic Preservation

National Park Service
U.S. Department of the Interior



Cultural Resources, Partnerships, and Science



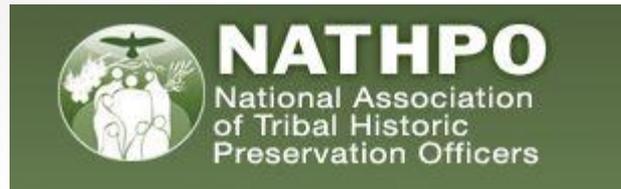
DISASTER

PREPARING YOUR HISTORIC RESOURCES FOR DISASTER

Natural and manmade disasters cause devastating impacts to communities and lives nationwide. These events often destroy and severely damage irreplaceable historic resources. When a community plans for a disaster, part of that preparedness should take into account the best methods for cultural resources to be accounted for, protected, and preserved. This Disaster Planning for Preservation Checklist is designed to help a community, historic preservation nonprofit, or an individual take the necessary steps for readying historic resources.

Will your community be ready to protect and repair these vulnerable historic resources when a disaster strikes? Let the enclosed checklist be your guide.

STEP 1: DO YOUR HOMEWORK



KNOW YOUR PARTNERS



Programs

The greatest danger today facing our historic legacy in all our museums, libraries and archives is the lack of preservation disaster planning. According to John Walsh of the J. Paul Getty Museum, Emergency preparedness and planning is a matter of common sense and responsibility.

During 2013 and 2014, Colorado Collections Connection programs supported disaster planning initiatives by:

- Providing statewide educational opportunities to increase the capacity of organizations and individuals to preserve the collections under



Muslin jacket, belonged to Short Bull, Lakota leader of the Ghost Dance. Photo credit: Buffalo Bill Museum.

Programs

Programs Overview

Workshops

Preservation Site Surveys

Digital Preservation Readiness
Assessment

Peer to Peer Surveyor Training
Program

EMK Loaner Kits



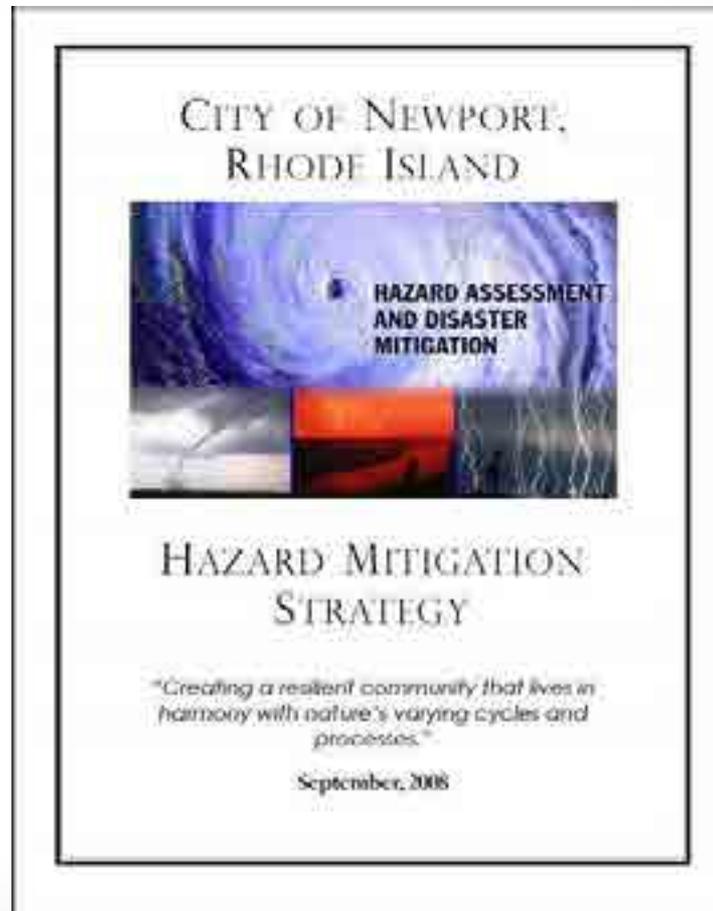
PHOTOGRAPHY: COURTESY OF THE JEKYL ISLAND MUSEUM ARCHIVES

MEETINGS CAN MAKE POLICY

Jekyll Island Duck Hunt led to the creation of the Federal Reserve. Senator Nelson Aldrich, a Rhode Island Republican, whose daughter was married to John D. Rockefeller Jr.

See: <http://www.bloombergvew.com/articles/2012-02-15/the-secret-meeting-that-launched-the-federal-reserve-echoes>

STEP 2: GET IN THE PLAN



In 2014, City of Newport sent in updates to this plan for review and approval by FEMA

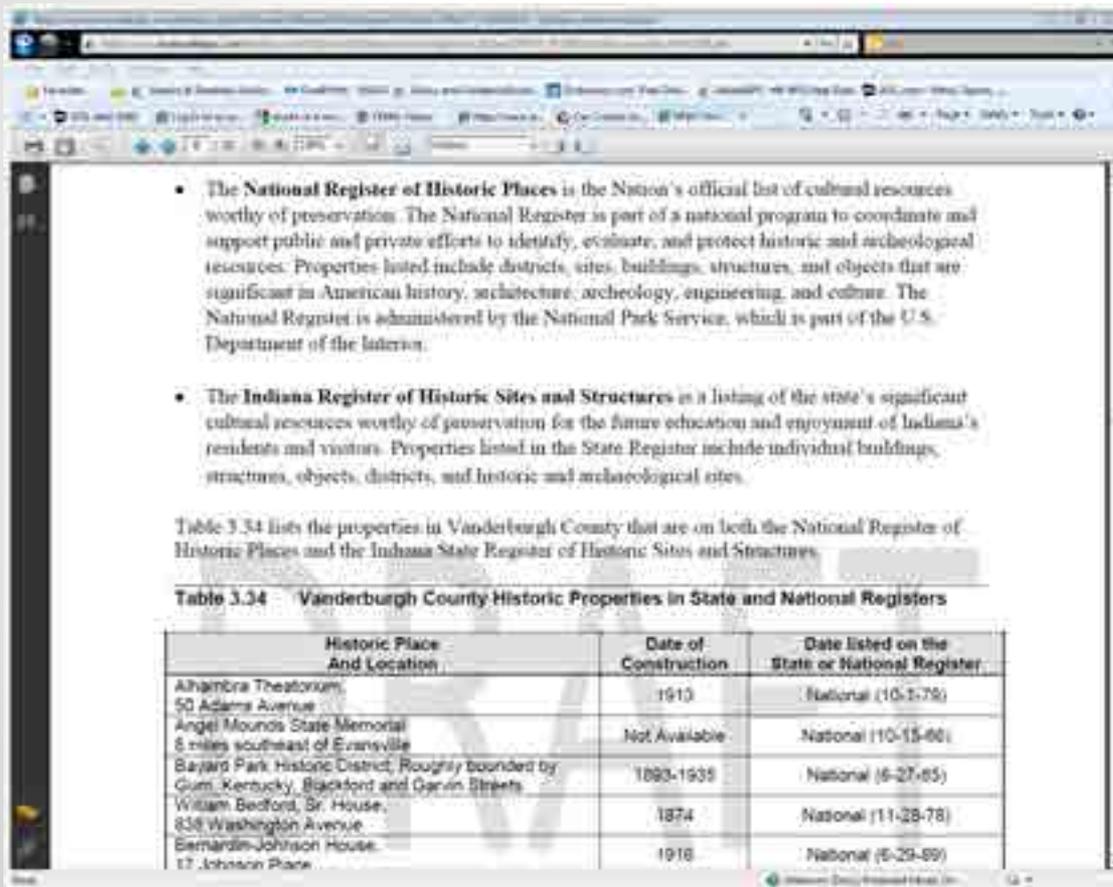
UNDERSTAND AND LOCATE YOUR COMMUNITY'S RESOURCES



Document this in a systematic way
Make it available to other agencies

LEARNING TO PRIORITIZE

Using NR data that exists



The screenshot shows a web browser window displaying a document with two bullet points and a table. The first bullet point describes the National Register of Historic Places, and the second describes the Indiana Register of Historic Sites and Structures. Below the text is a table titled "Table 3.34 Vanderburgh County Historic Properties in State and National Registers".

- The **National Register of Historic Places** is the Nation's official list of cultural resources worthy of preservation. The National Register is part of a national program to coordinate and support public and private efforts to identify, evaluate, and protect historic and archeological resources. Properties listed include districts, sites, buildings, structures, and objects that are significant in American history, architecture, archeology, engineering, and culture. The National Register is administered by the National Park Service, which is part of the U.S. Department of the Interior.
- The **Indiana Register of Historic Sites and Structures** is a listing of the state's significant cultural resources worthy of preservation for the future education and enjoyment of Indiana's residents and visitors. Properties listed in the State Register include individual buildings, structures, objects, districts, and historic and archeological sites.

Table 3.34 lists the properties in Vanderburgh County that are on both the National Register of Historic Places and the Indiana State Register of Historic Sites and Structures.

Table 3.34 Vanderburgh County Historic Properties in State and National Registers

Historic Place And Location	Date of Construction	Date listed on the State or National Register
Alhambra Theatrorium, 50 Adams Avenue	1910	National (10-1-79)
Angel Mounds State Memorial 8 miles southeast of Evansville	Not Available	National (10-15-66)
Bayard Park Historic District, Roughly bounded by Gum, Kentucky, Blackford and Garvin Streets	1893-1939	National (6-27-85)
William Bedford, Sr. House, 838 Washington Avenue	1874	National (11-28-78)
Bernardin-Johnson House, 17 Johnson Place	1918	National (6-29-89)



IDENTIFY THE RISK

- **Natural disaster:**
Hurricane, flood, tornado, earthquake, etc.
- **Man-made disaster:**
Fire, terrorism, car accident, etc.

Must include all the risks (natural hazards) as well as estimate. Look for repetitive loss properties within the hazard areas.



<http://matthewtrader.com/blog/forney-texas-tornado-aftermath>

DO SOME RESEARCH



Call toll free: **1-888-379-9531** or **have us call you**

Q Search FloodSmart.gov

HOME

FLOODING & FLOOD RISKS

ABOUT THE NATIONAL FLOOD INSURANCE PROGRAM

RESIDENTIAL COVERAGE

COMMERCIAL COVERAGE

POLICYHOLDER RESOURCES

PREPARATION & RECOVERY

RESOURCES

- > Agent Site
- > Agent Locator
- > Community Rating System
- > Community Resources
- > File your Claim
- > Frequently Asked Questions
- > Glossary
- > Flood Facts
- > Media Resources
- > Toolkits
- >  Email Updates

Community Rating System (CRS)



[ABOUT CRS](#)

[WHY JOIN THE CRS](#)

[CRS NEWS](#)

[CRS RESOURCES](#)

[CONTACT CRS](#)

ABOUT CRS

The National Flood Insurance Program's (NFIP's) Community Rating System (CRS) is a voluntary incentive program that recognizes communities for implementing floodplain management practices that exceed the Federal minimum requirements of the NFIP to provide protection from flooding.

In exchange for a community's proactive efforts to reduce flood risk, policyholders can



LATEST NEWS

Learn what you can do to keep your family and property safe

MAKING YOUR LOCAL CONCERNS MESH WITH AGENCY INTERESTS



Undertakings: Construction, rehab and repair, elevations, relocation, demolition, licenses and permits, loans and loan guarantees, grants through Public Assistance, HMGP, Unmet Needs, Pre-Disaster Mitigation, Federal Assistance to Individuals and households, acquisition. **Check with SHPO/THPO to see your Programmatic Agreement for historic properties under a disaster declaration.*******

INTEGRATION INTO LOCAL, STATE, AND FEDERAL RESPONSE

Emergency Support Functions (ESF)

Likely to be SHPO at state level

Could be review board at local level, or city planner as lead.

Conduct disaster training together to be sure all partners understand concerns



STEP 3: LOCAL LEVEL PLANNING

Ways the Landmarks Commission or Planning Board can help.



- Temporary Housing and Infill
- “Improvements” to properties to withstand future disasters: elevations, storm shutters, safe rooms, tie downs, etc.
- Demolitions and salvage protocols

DEBRIS SITES AND STAGING AREAS



EXPEDITED REVIEW PROCEDURES WITHIN LOCAL HISTORIC DISTRICTS



- **ID types of stabilization and repair that can be done without review**
- **Authorize architectural review board staff for certain types of review—if applicable**
- **Accept 106 review in lieu of local review**

EXPEDITED REVIEW

Make sure that Programmatic Agreements (PA) are in place in advance of the disaster with QUICK turn around review timelines established:

- **Three days or less for life safety needs**
- **One week for recovery actions by Federal Agencies**
- The PAs should address the big questions so you are not trying to sort them out post disaster:
 - Elevations with an elevation protocol or mitigation strategy developed
 - Moving, demolition, and salvage protocols
 - Exemptions for geographic areas, state managed properties, etc.

HISTORIC PRESERVATION RESPONSE NETWORK

- Identify historic preservation professionals and organizations
- Designate point person(s)
- Set Teams such as recovery assistance, damage assessment, etc.
- What is process to activate?
- Identify locations for travel and living arrangements?





CONDUCT MOCK TRIALS

Integrate HP training, expertise and assistance into the local response team (ask Fire department to help with drills at historic property.)

STEP 4: PROPERTY OWNER RESPONSIBILITY



SITE SPECIFIC EMERGENCY RESPONSE PLANS

PROPERTY OWNER

Help the property owner think beyond just museums, public records, etc.

Identifying repairable material, education

The DISASTER Wheel / APP

**PERSONAL COLLECTIONS ARE YOUR
COMMUNITY'S RESPOSITORY**



GETTING HELP

- Property owner resources and capacity development
- Contractor and craftsman resources
- Elected officials and governmental leaders
- Nonprofit, churches, volunteers, etc.

For your historic home, photographs, and collectibles

March 24, 2016

Natchitoches, LA



Wet collections, Mike O'Brien

Lee H. Nelson Hall
645 University Parkway
Natchitoches, LA 71457
318-356-7444 phone

STOP! Don't throw away those wet things!

Come to NCPTT's free wet recovery workshop and learn how to deal with them.

In light of the March 2016 historic floods in Louisiana and other parts of the South, the National Center for Preservation Technology and Training, The Cane River Creole National Historical Park, and the Friends of NCPTT will hold a **FREE** day-long workshop, *After the Storm: wet recovery for your historic home, photographs, and collectibles*, on Thursday, March 24, 2016 from 9:00 AM to 4:00 PM at National Center for Preservation Technology and Training.

Register
for
FREE

FLOODING IN HARPERS FERRY, WV

There are at least 82 known floods in Harpers Ferry between 1748 and 2011. During the four years of the Civil War alone, there were 20 floods.



Copyright © 1996 by David T. Gilbert

DO THE PLAN FOR ALL HAZARDS

July 23, 2015. Fire destroys 4 buildings and 9 businesses.

Help from unlikely source at first glance: WVU Extension Agency
In the days that followed, WVU dispatched experts in structural engineering, law, writing and marketing. A representative of the university's extension service split his work week between WVU and Harpers Ferry, so he could quickly pair the most urgent needs with university expertise.



Photo credit: WCHS

WORKSHOP: STRONG SAILING OR BECALMED?

Break into 4 groups (7 or 8 folks)

Read exercise (15 minutes)

Identify your team leader/reporter

Review existing documents and look for omissions

Each group reports 2 minutes (total 8)

Review with group experts.



National Park Service
U.S. Department of the Interior