# 

# Disaster Risk Reduction (DRR) Ambassador Curriculum

### Participant Guide

## *Module 5:*

## *Approaching the Challenge of Disaster Risk Reduction: NIST Community Resilience Guide*

**THE DRR AMBASSADOR CURRICULUM**

The **goal** of the DRR Ambassador Curriculum is to facilitate DRR efforts for the whole community by:

* Engaging in discussion of how disasters can be reduced through local action
* Sharing insights among local leaders and technical experts to enable the development of cross functional solutions
* Acquiring the best-available information, knowledge of best practices, and analytic tools to enable better-informed decisions before, during, and after disasters

There are 24-modules in the curriculum. The “DRR Ambassador Curriculum At-a-Glance” table, located at the end of this document, lists the modules of the Curriculum.

**DRR-A CURRICULUM TARGET AUDIENCE**

The target audience includes those involved in community development decision-making, such as local community staff, volunteer and stakeholder groups, and federal and state officials.

**METHODS OF DELIVERY**

There are three delivery methodsby which you may be able to complete modules in the DRR-A Curriculum: via webinars hosted by NHMA or partner organizations; presented in conferences and/or classrooms by qualified DRR-A Curriculum instructor(s); or downloadable for individual study from the NHMA website. Watch the NHMA website for announcements about webinars and workshops that include the module(s) in which you are interested.

**CERTIFICATES**

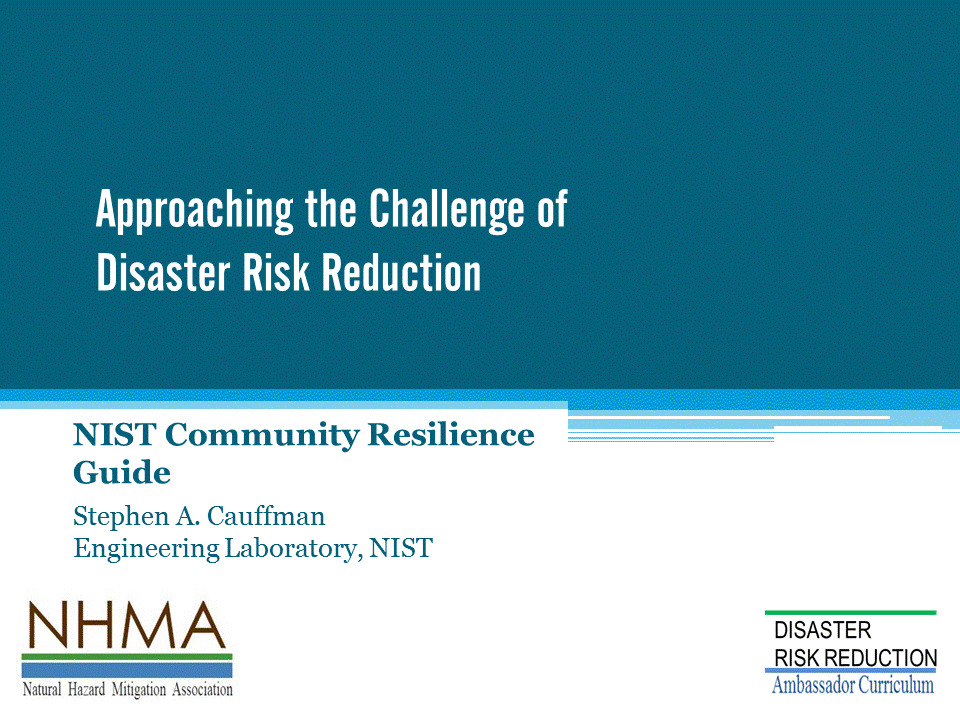
* Certificates of Completion may be awarded by NHMA to participants who successfully complete NHMA-sponsored DRR Ambassador modules by attending and passing a short post-test.
* Certificates of Attendance may be awarded to participants who attend but choose not to take the post-test may be issued a Certificate of Attendance.
* A Disaster Risk Reduction Ambassador Certificate will be awarded to individuals who successfully complete all 24 modules.

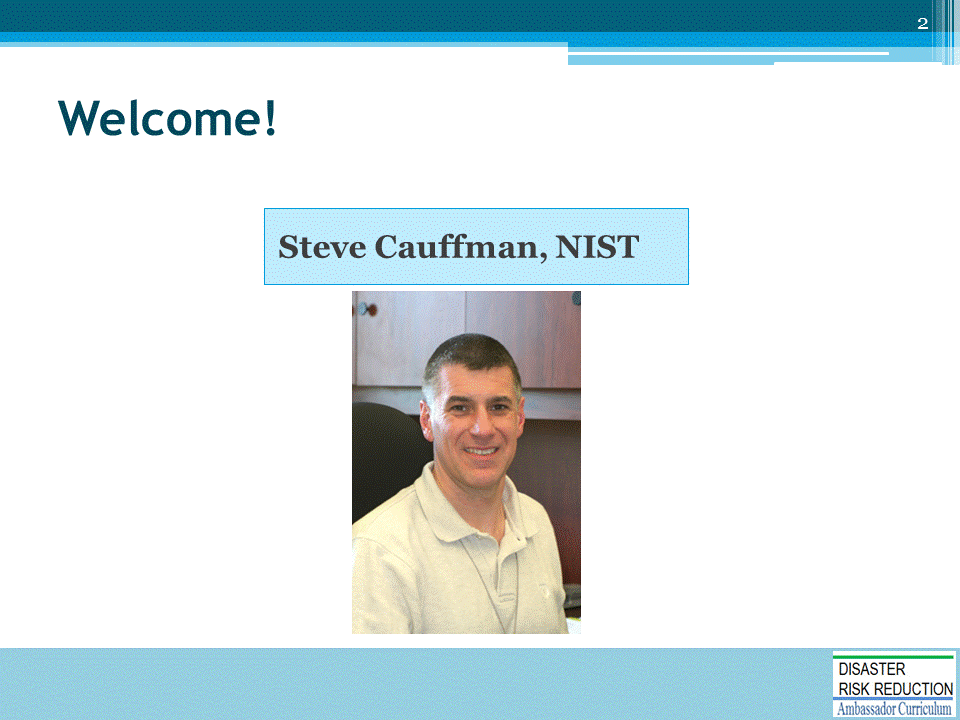
Ask your certifying boards about acceptance of NHMA DRR-A certificates for continuing education credits.

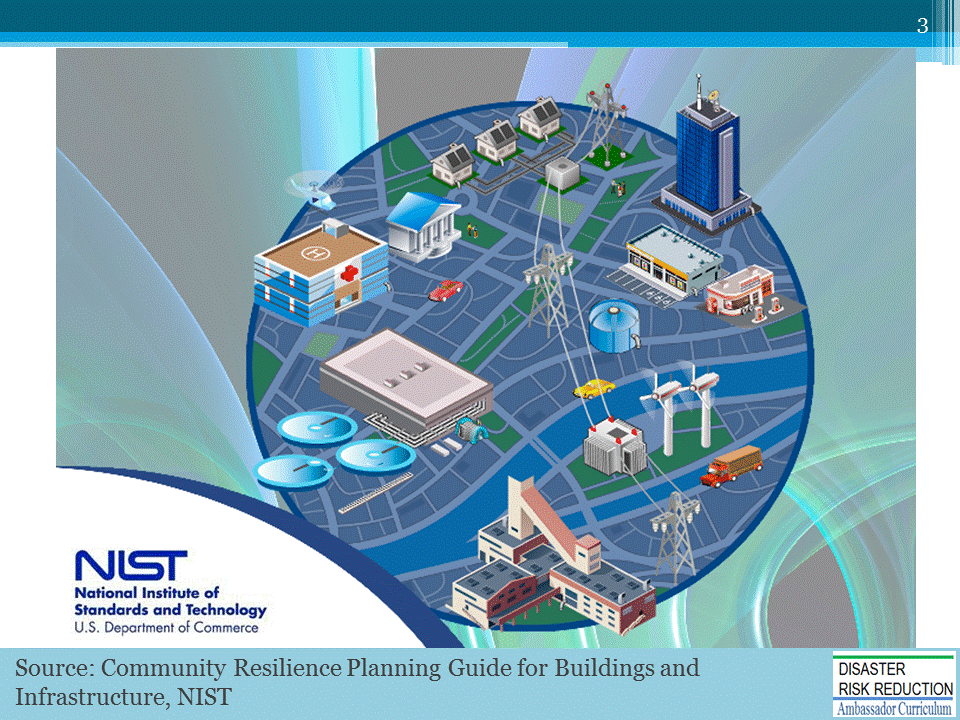
**MODULE 5 – APPROACHING THE CHALLENGE OF DISASTER RISK REDUCTION: NIST COMMUNITY RESILIENCE GUIDE**

The Learning Objectives for this module are:

1. Define resilience in the context of an entire community
2. Identify the six planning steps described in the NIST *Community Resilience Planning Guide for Buildings and Infrastructure Systems*
3. State the purpose of the NIST *Community Resilience Economic Decision Guide for Buildings and Infrastructure Systems*

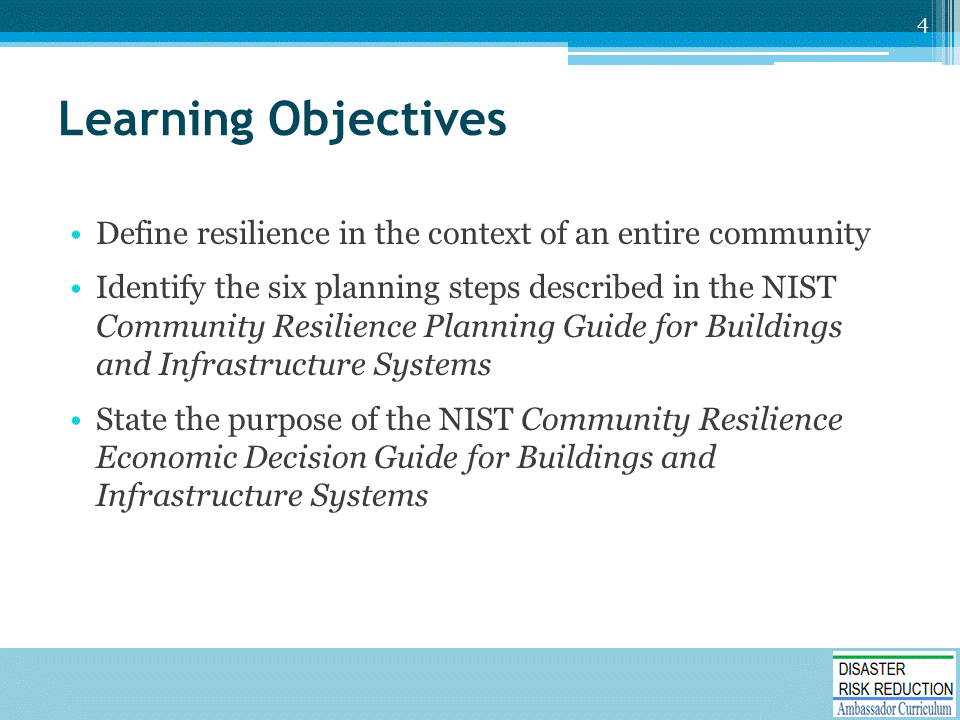


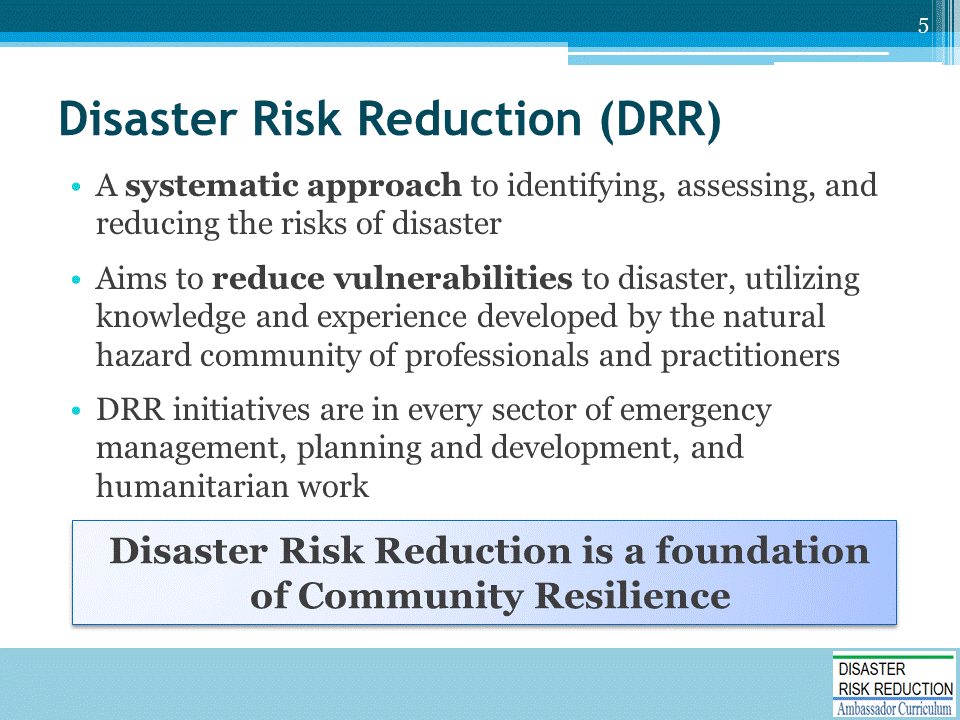


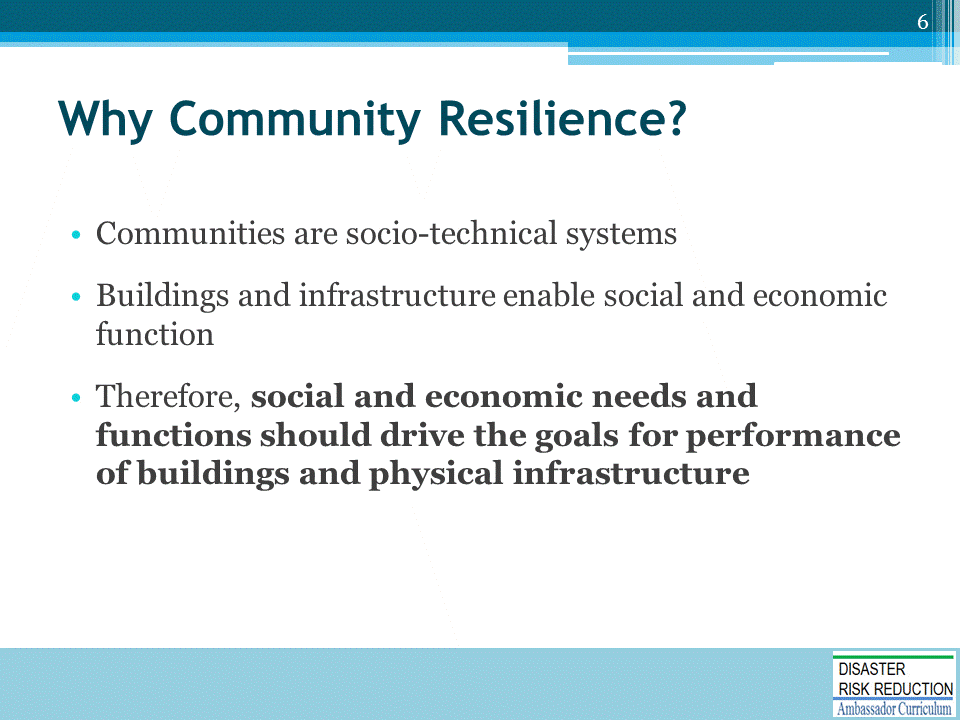


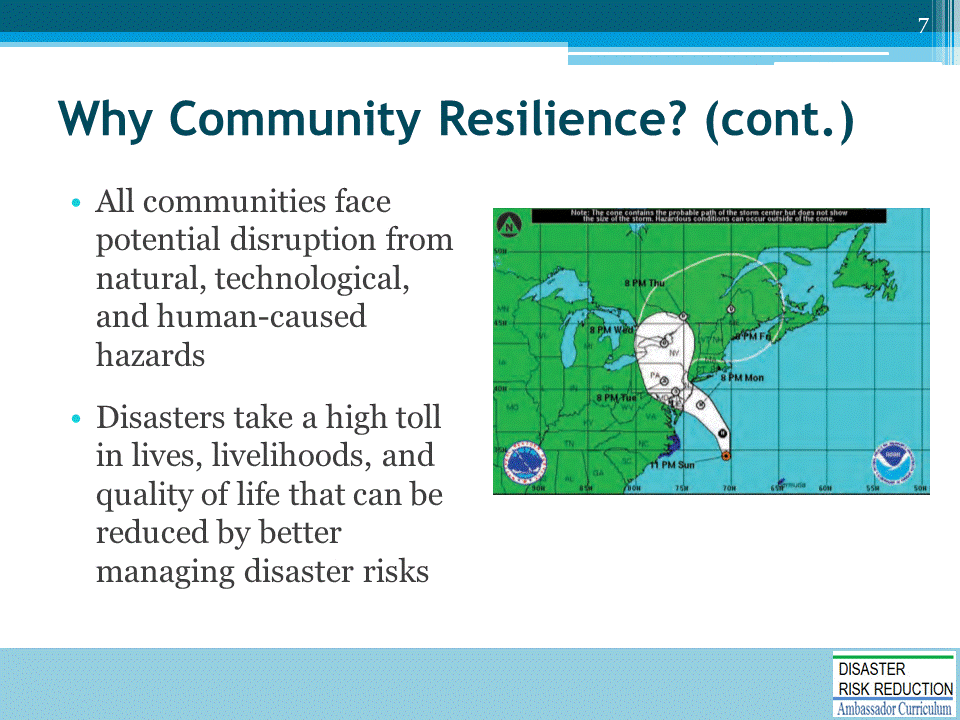
The purpose of this module is to:

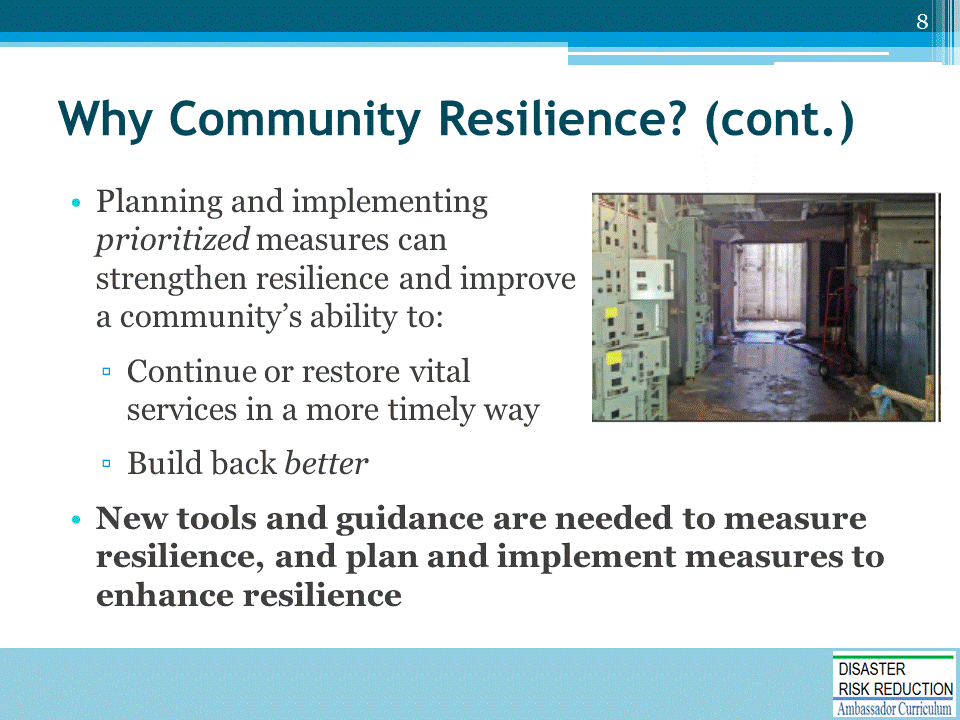
* Discuss an approach to preventing hazards from becoming disasters
* Describe the role of infrastructure and buildings in supporting social and economic function
* Provide an overview of the NIST **tools and guidance** for measuring resilience; and planning and implementing measures to enhance resilience

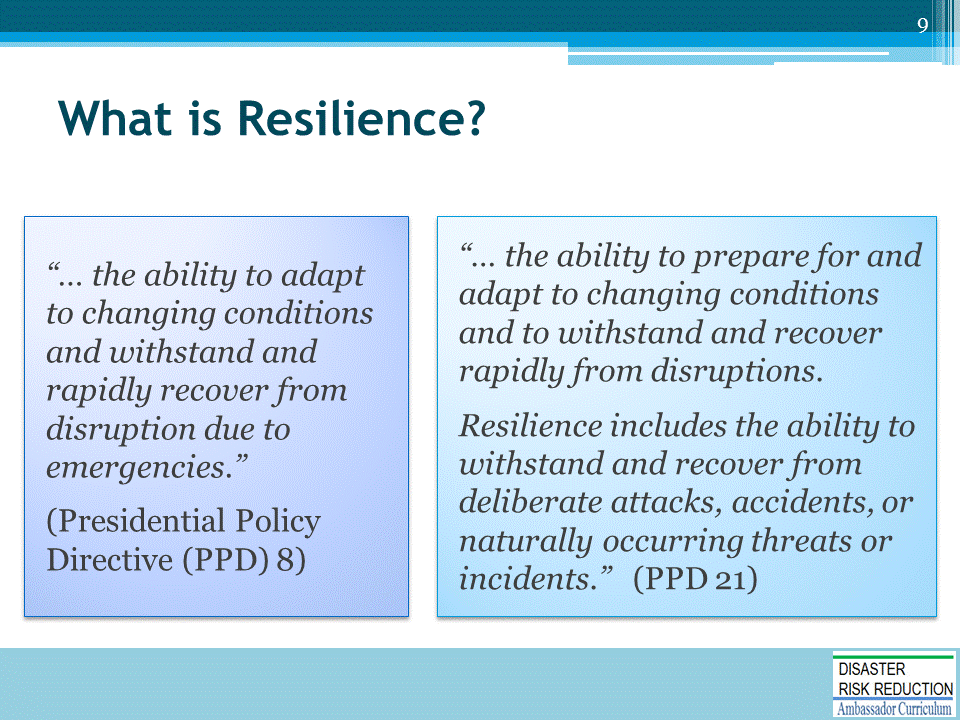


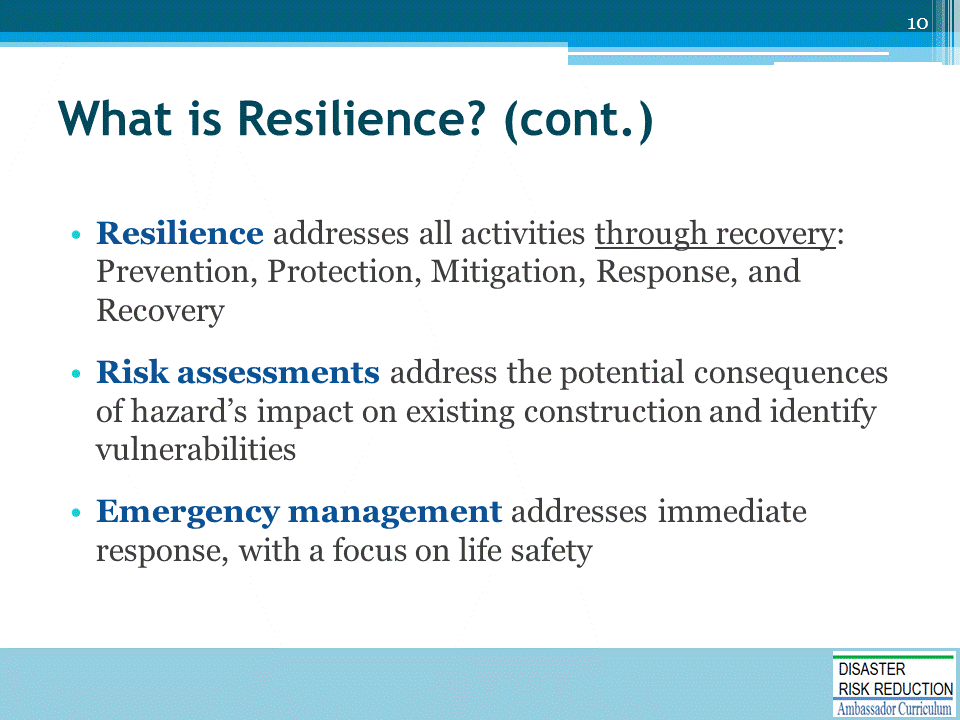


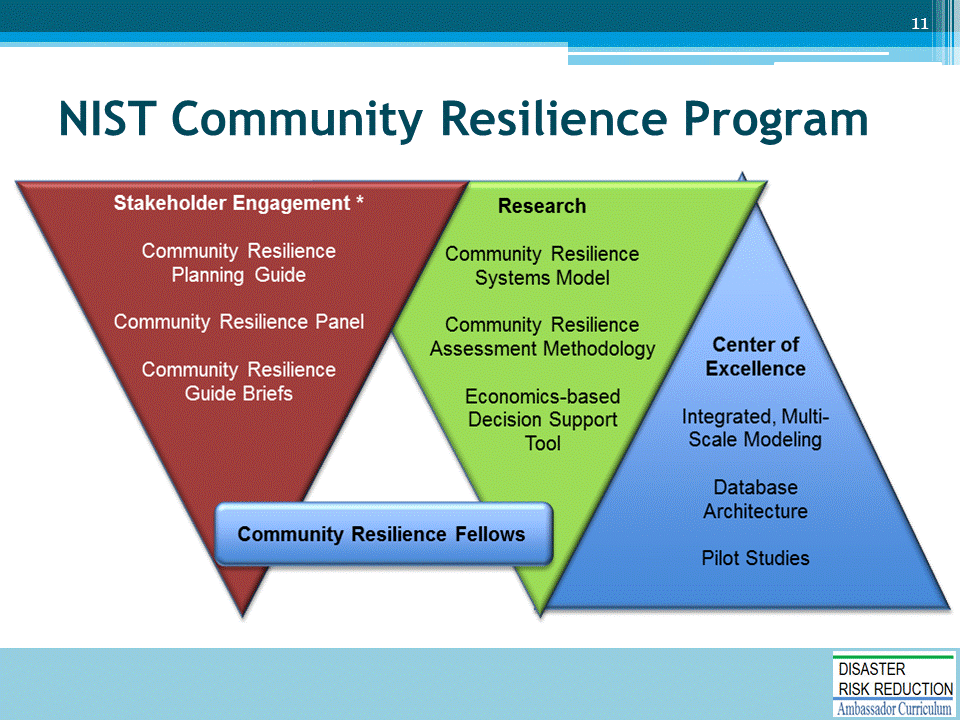


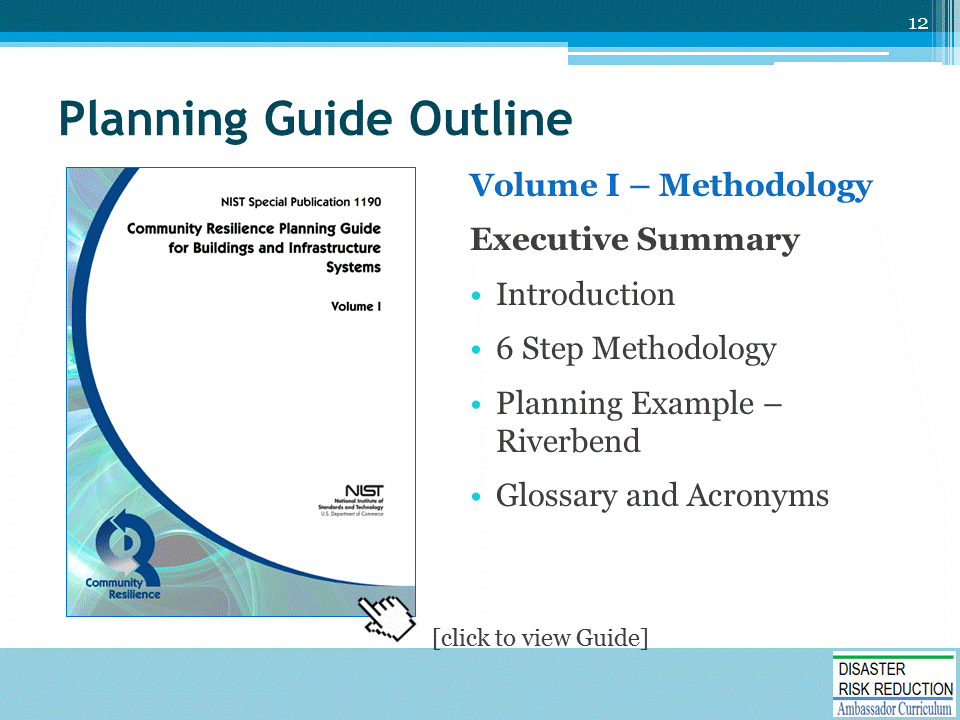




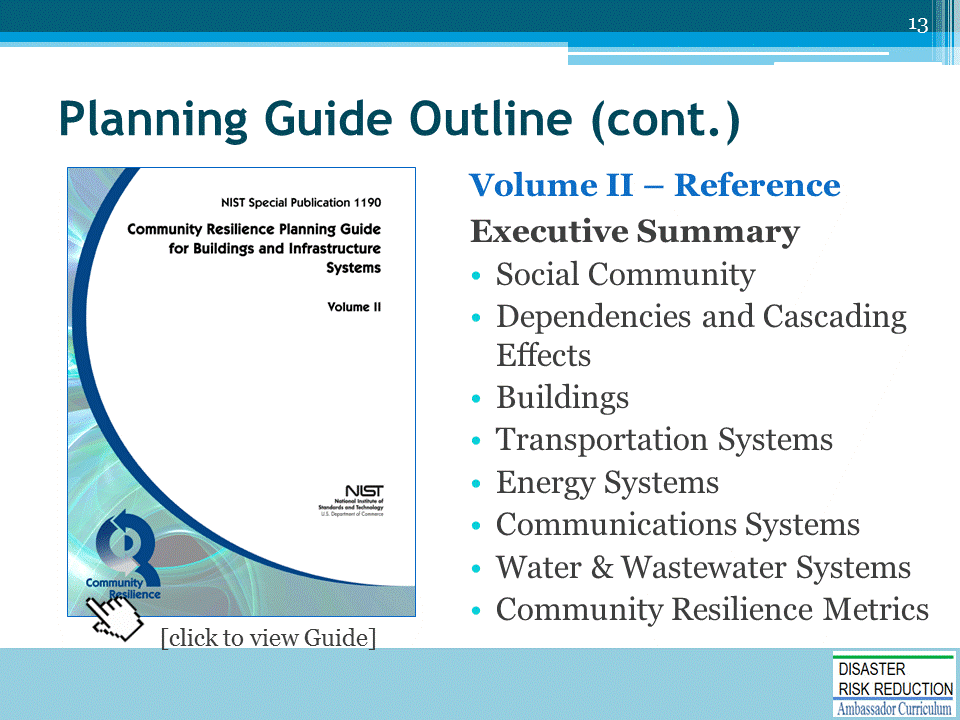




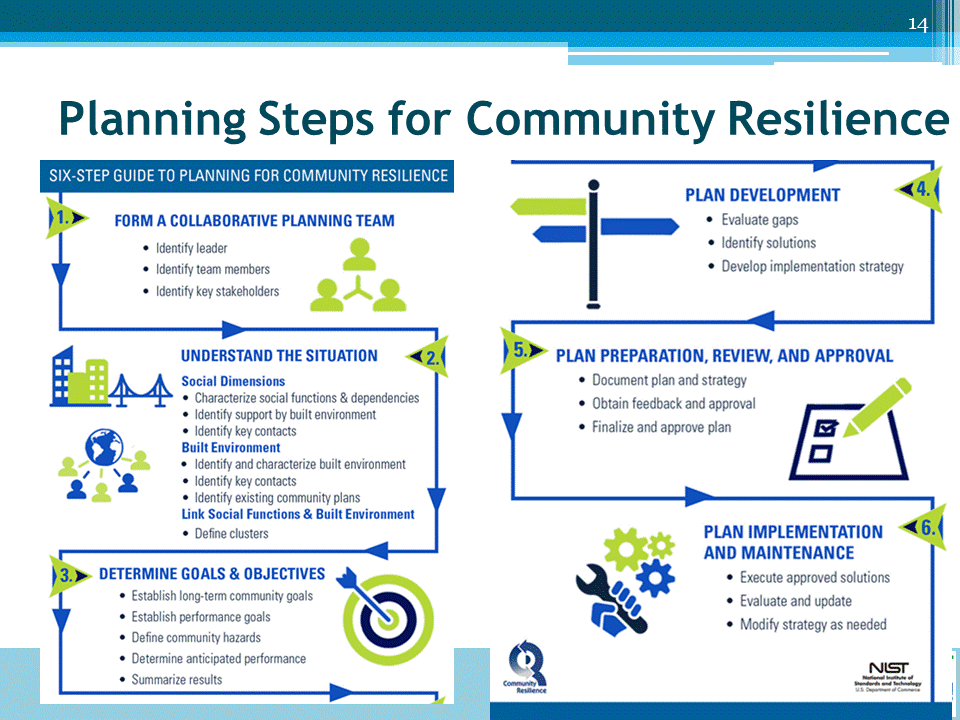


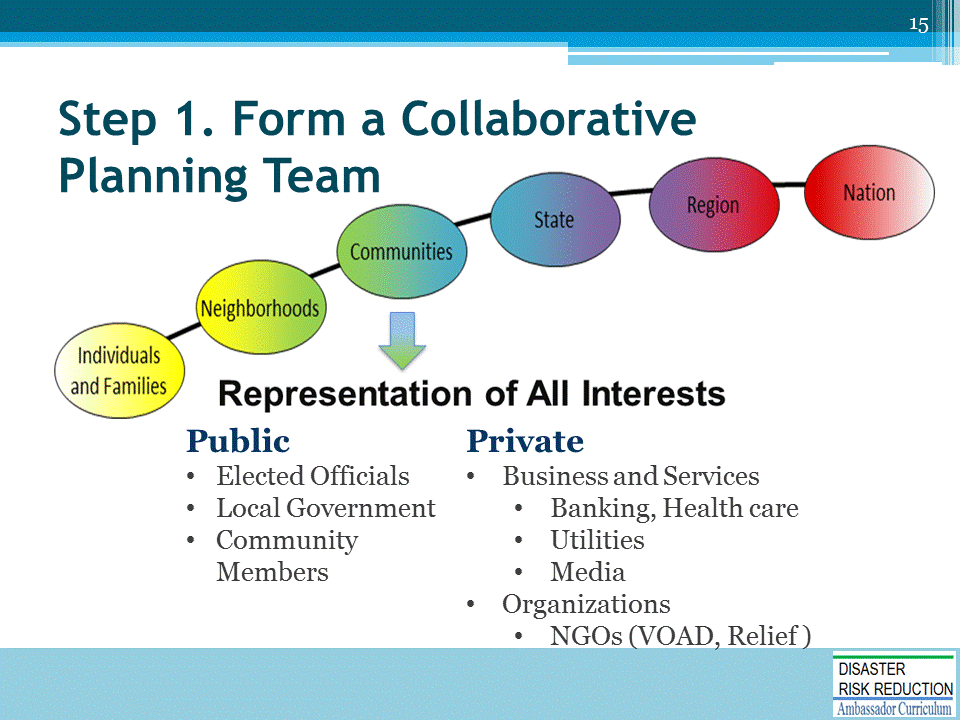


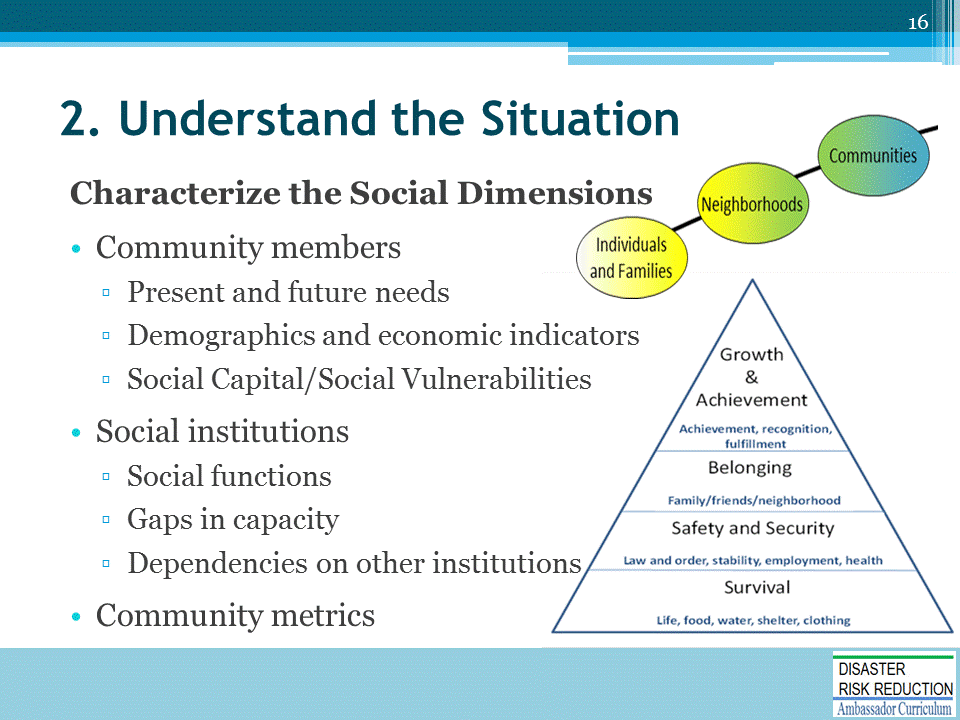
Weblink to Volume I: <https://www.nist.gov/topics/community-resilience/community-resilience-planning-guide>

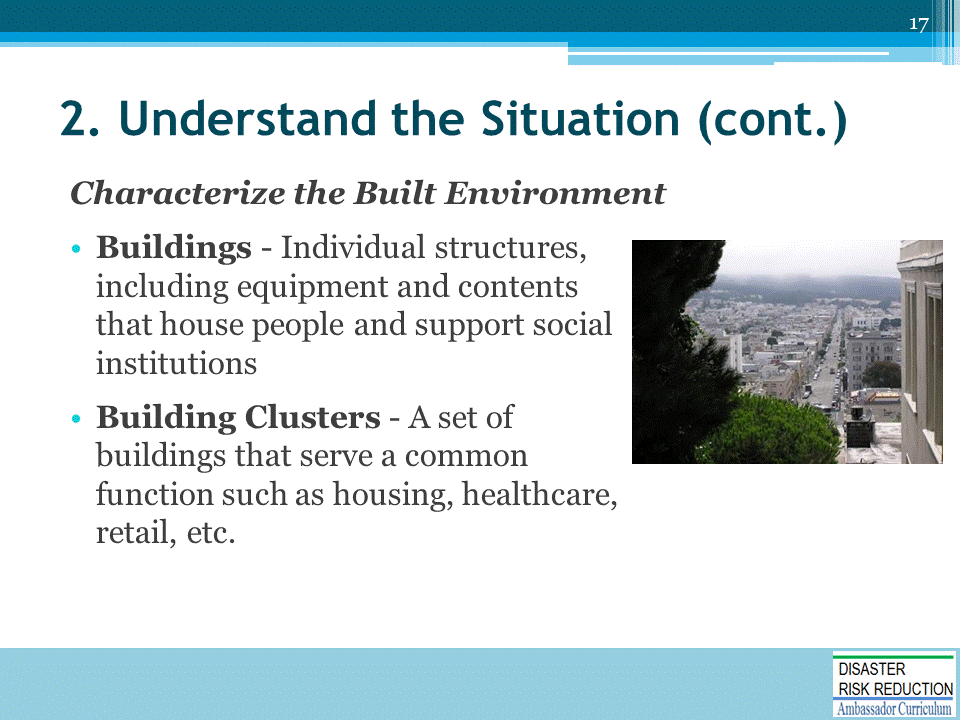


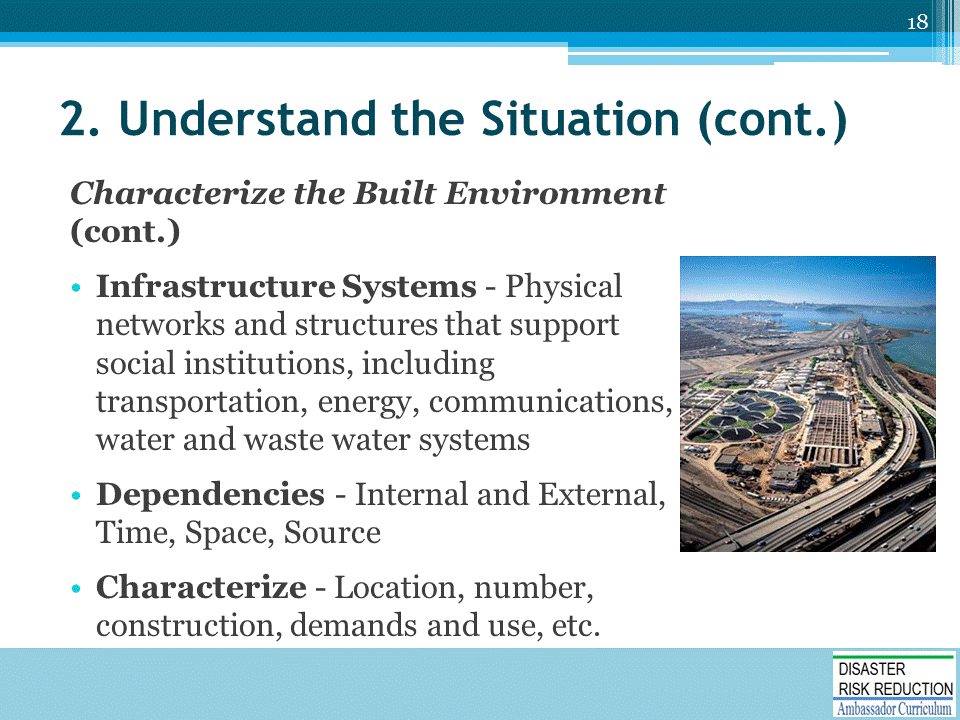
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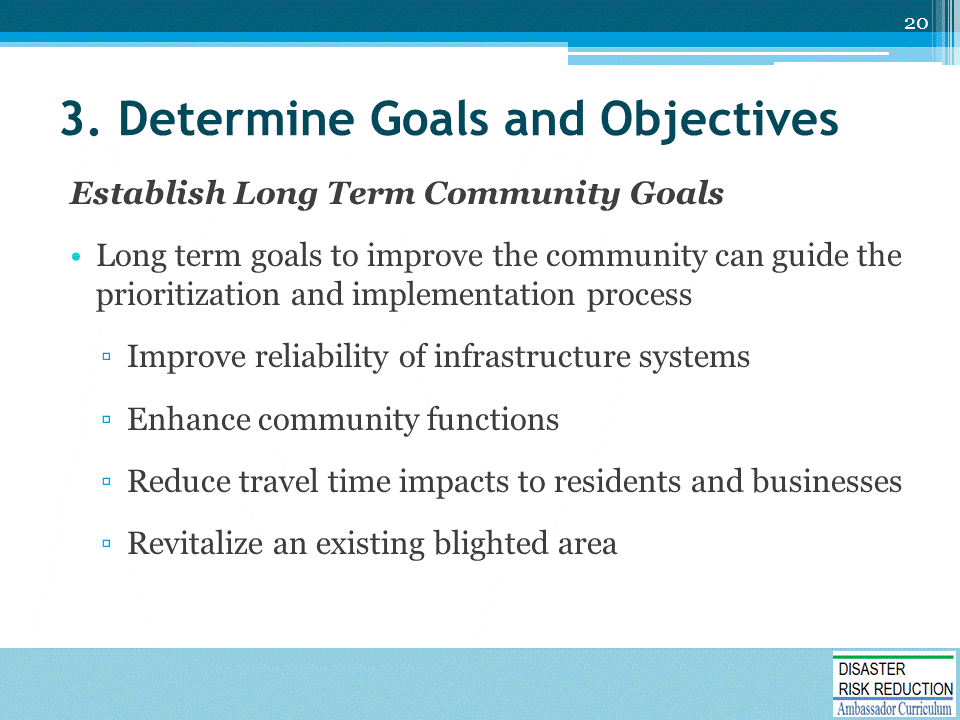


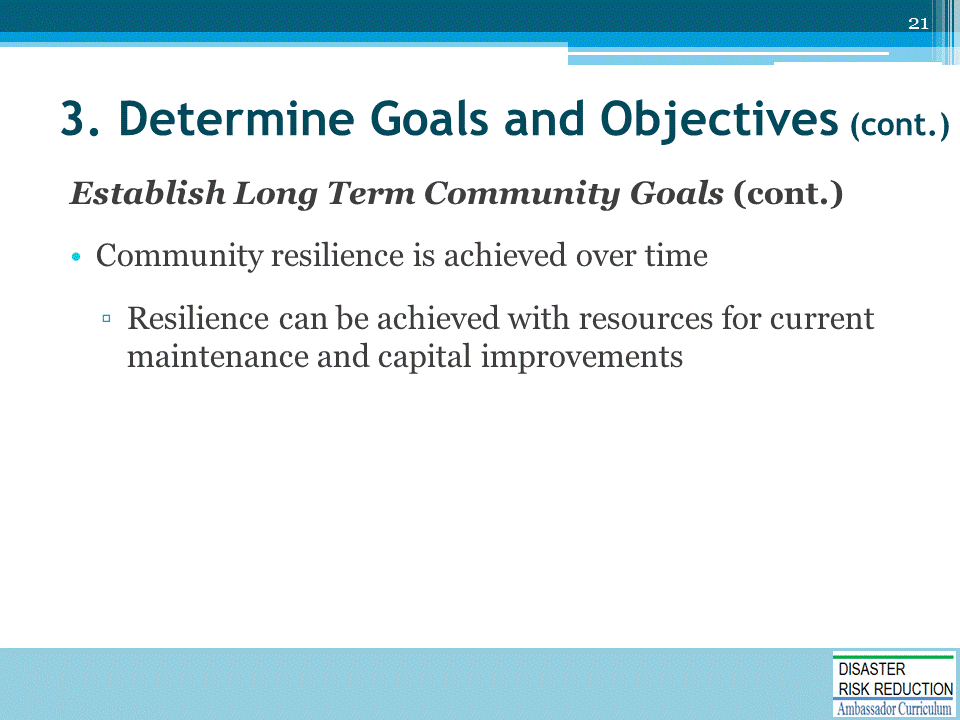


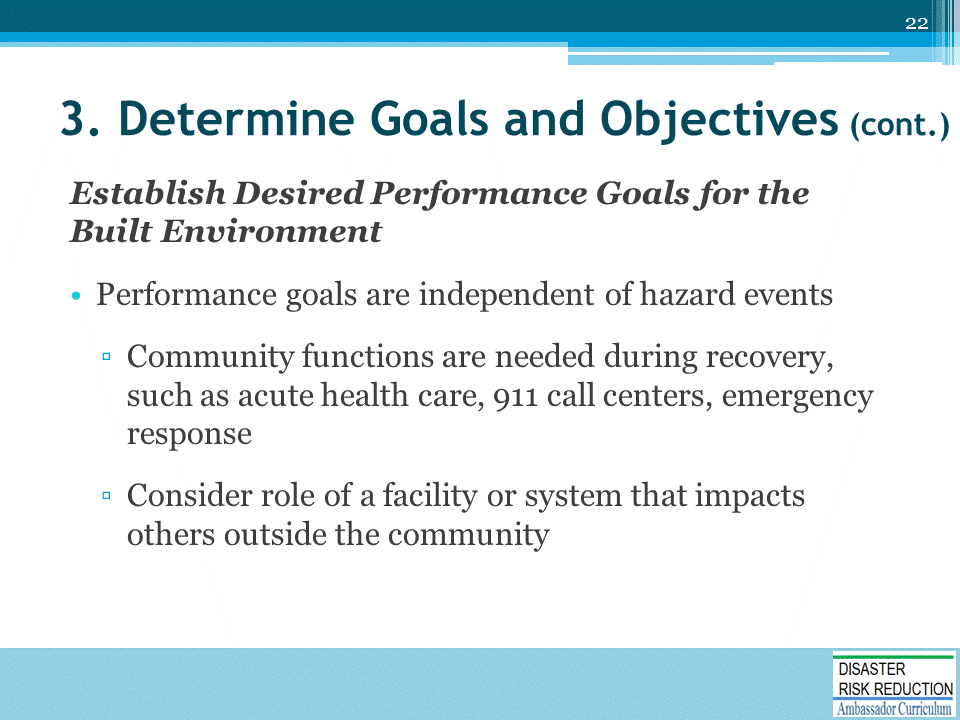


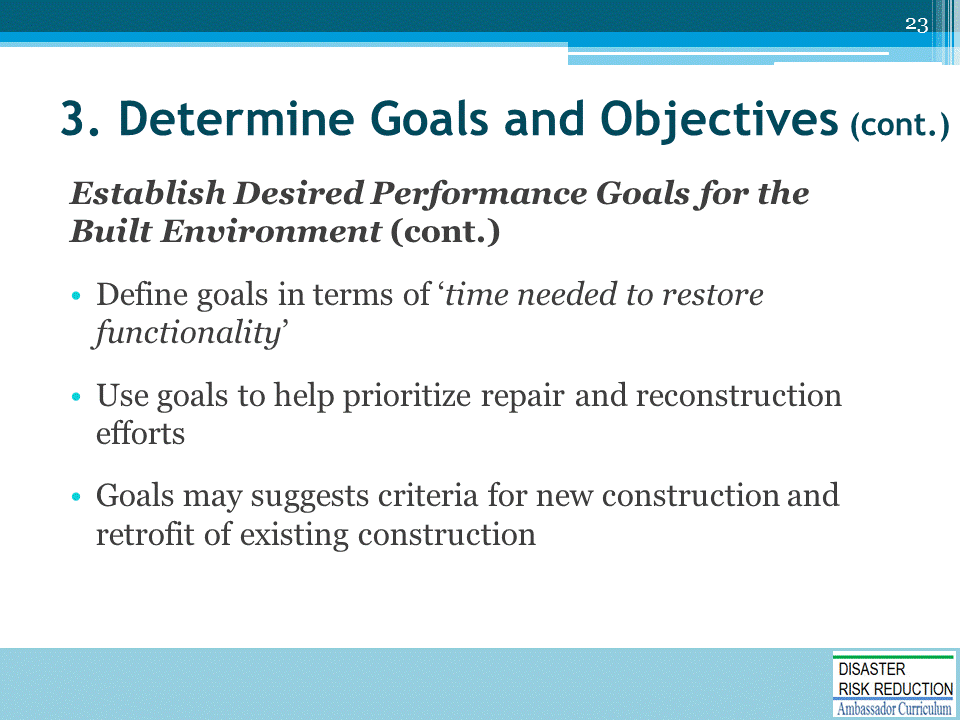


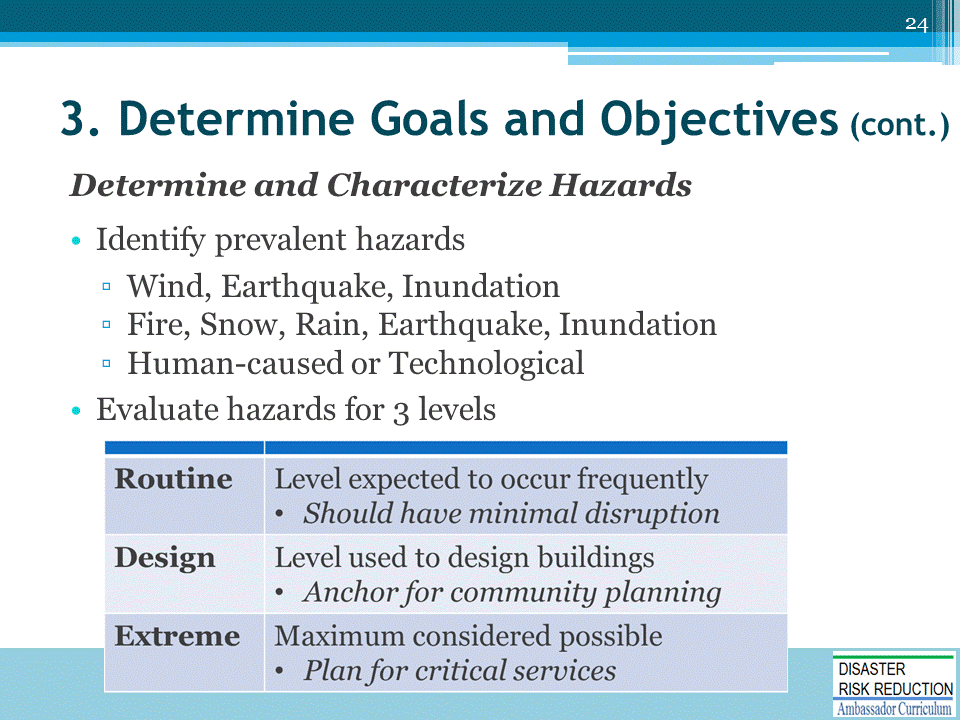


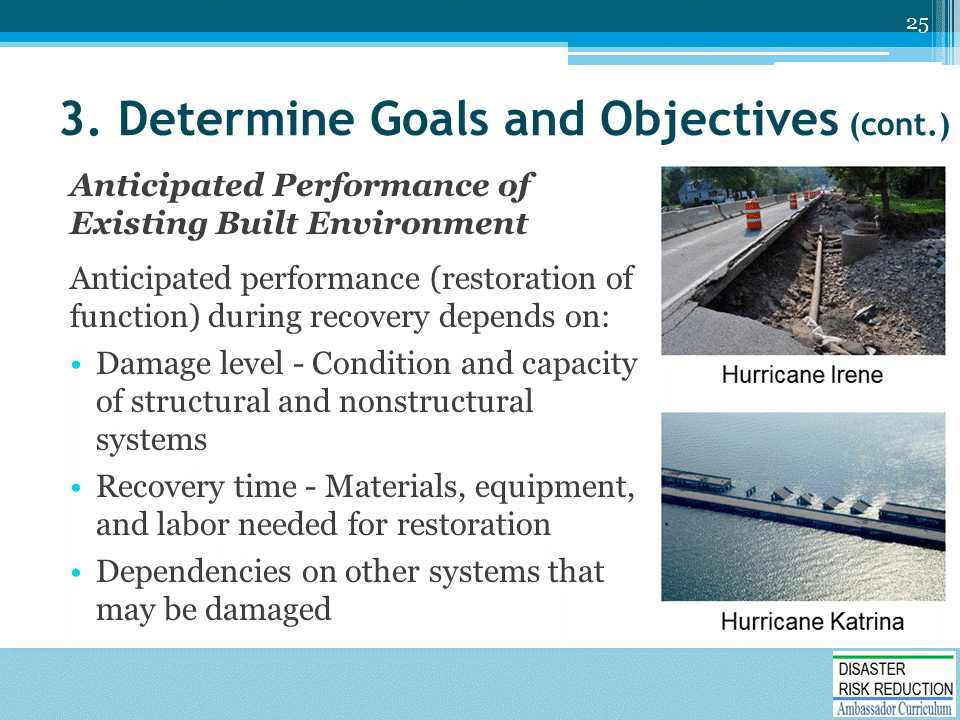


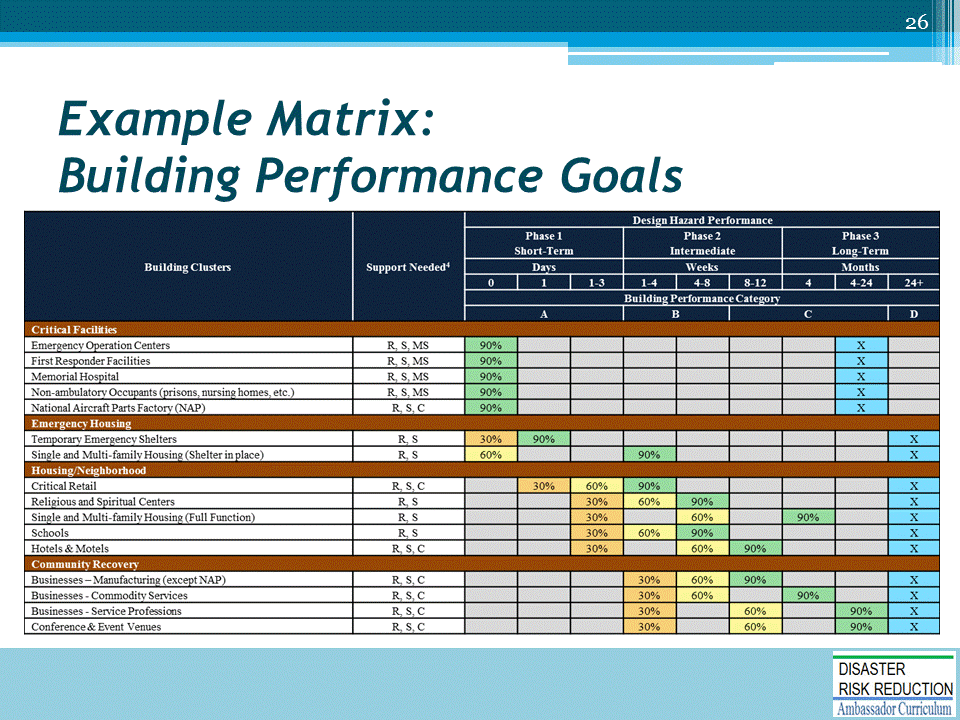


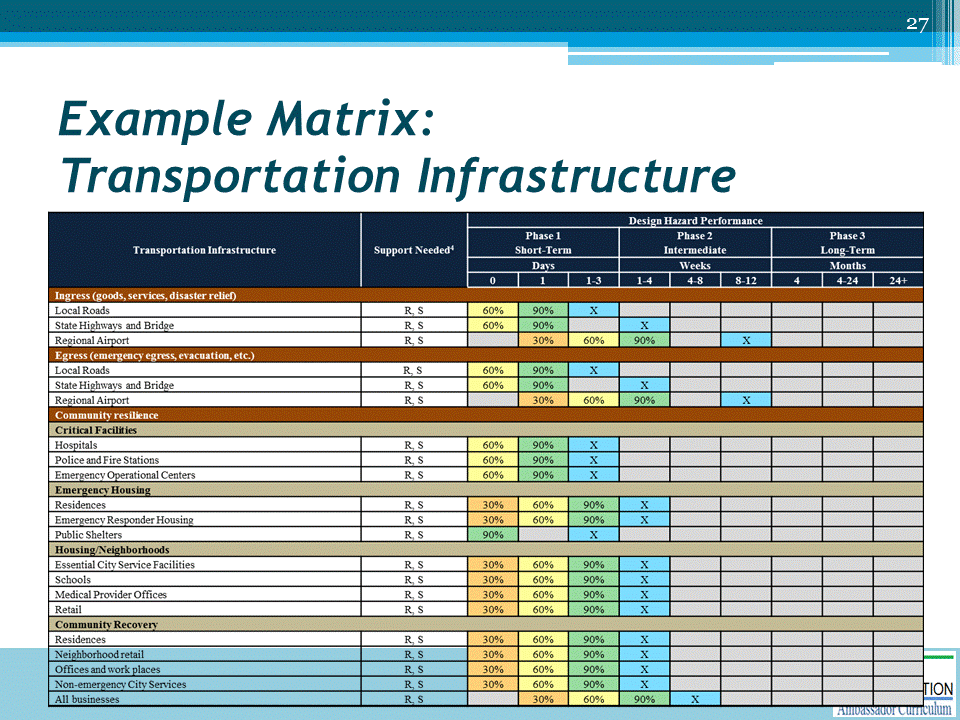


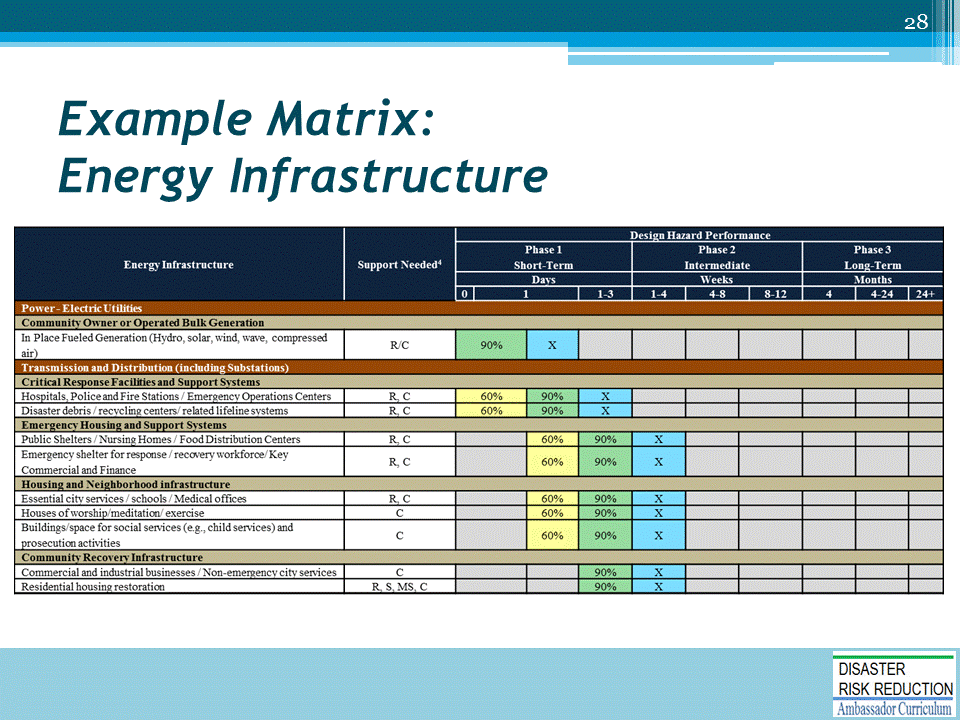


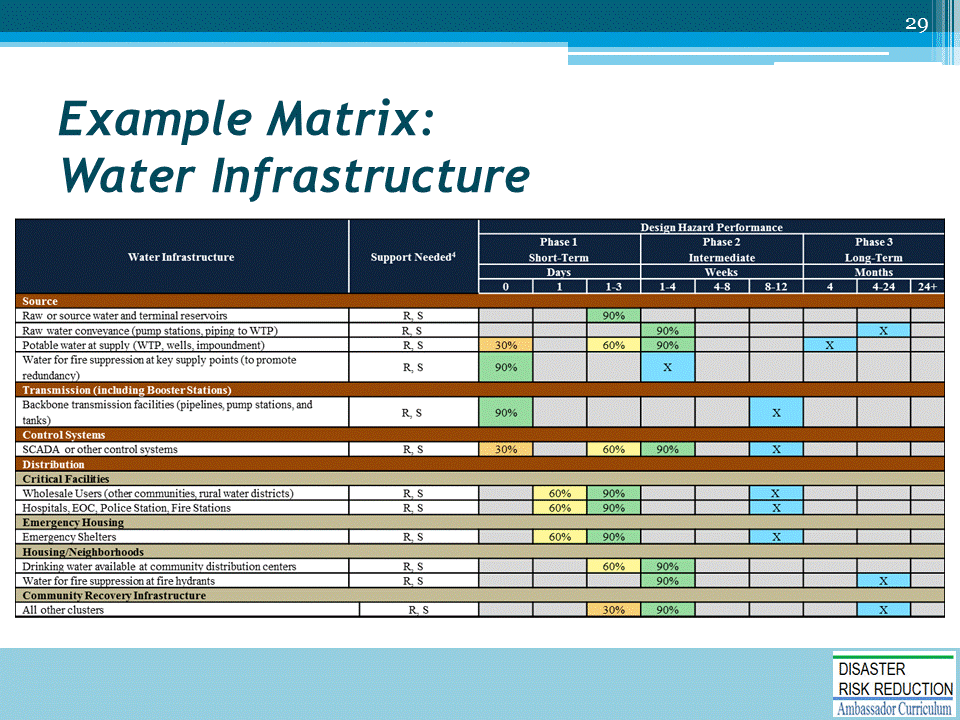


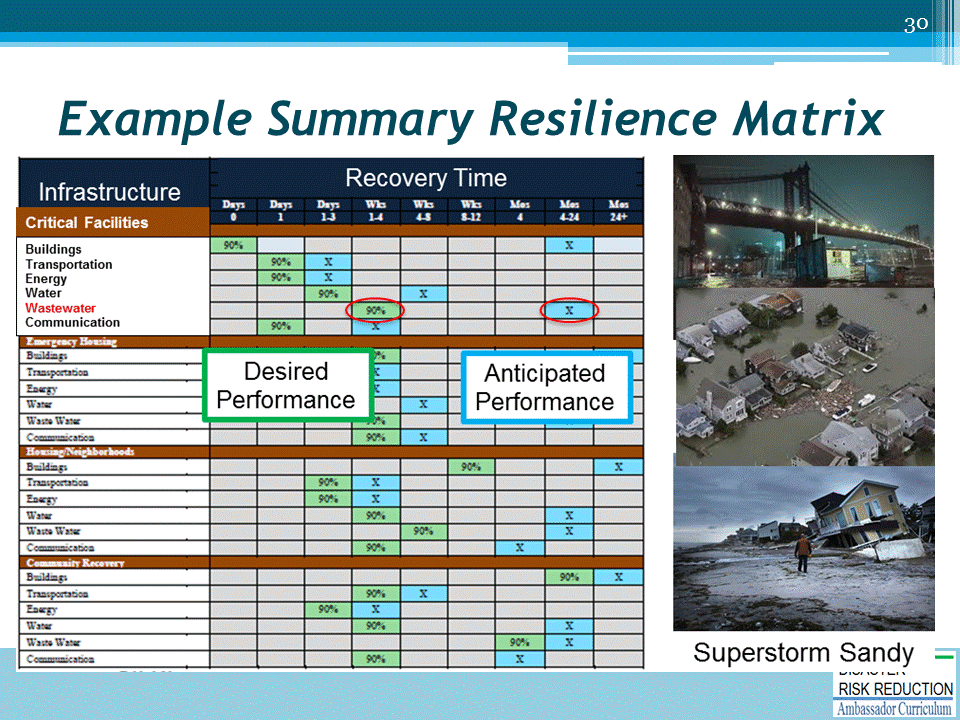


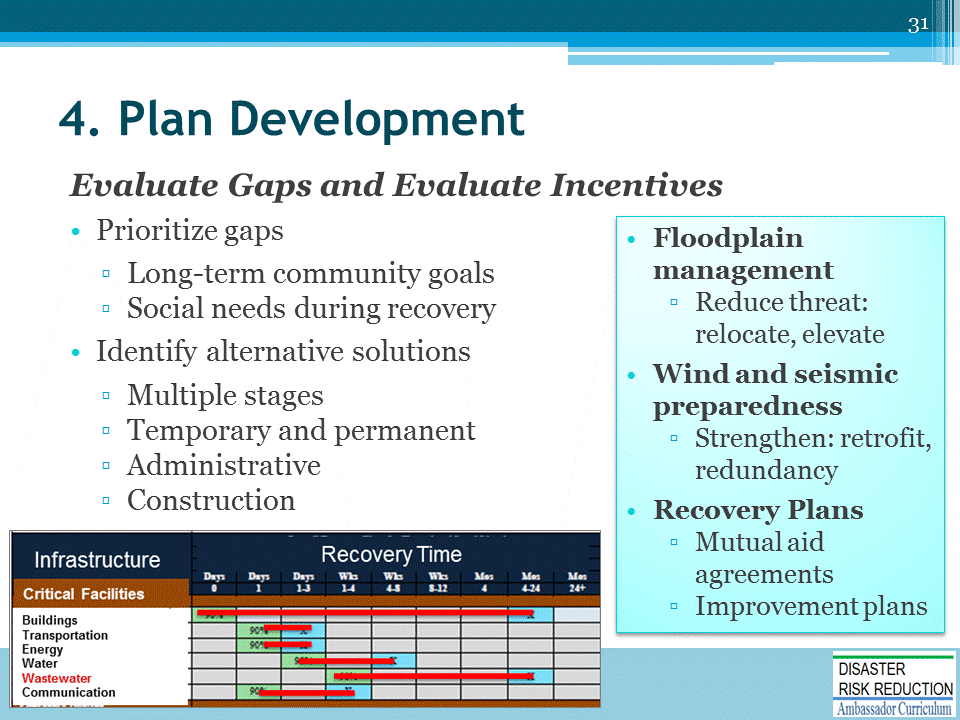






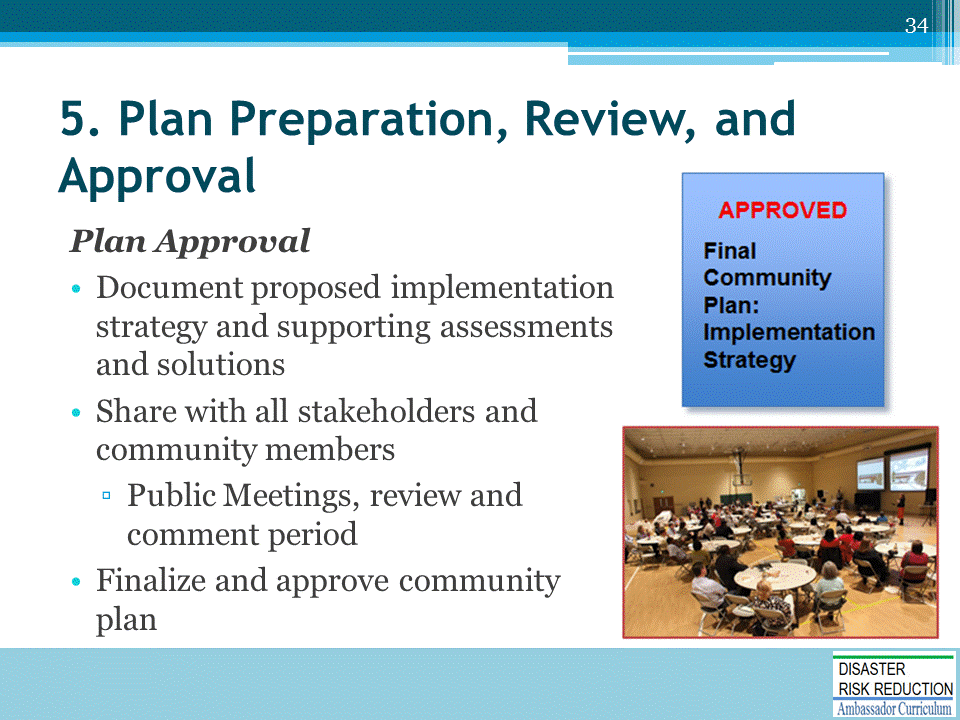




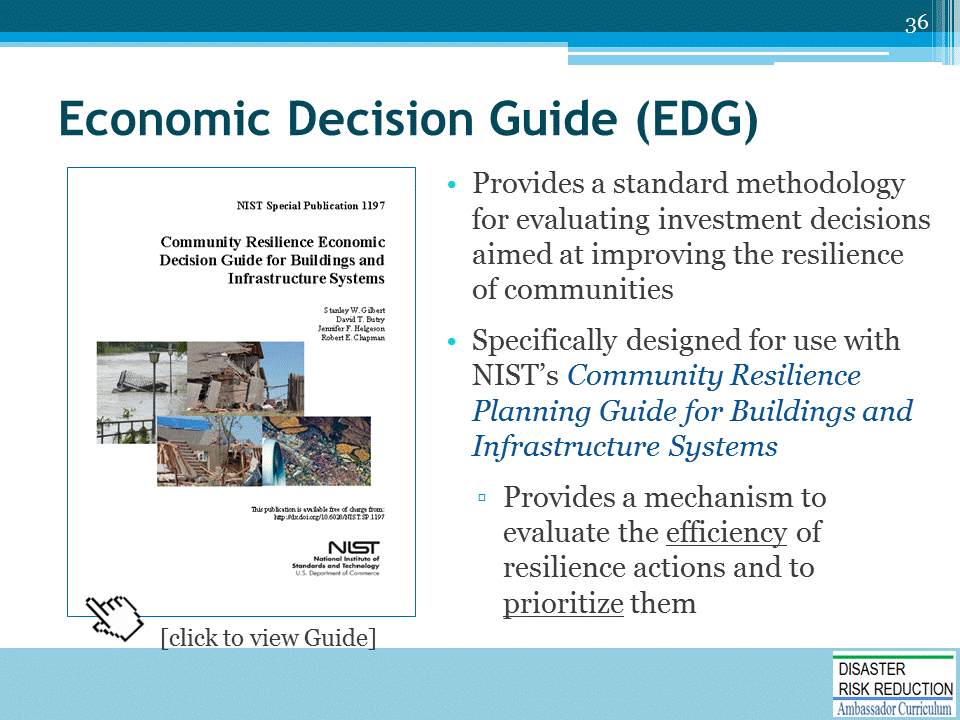




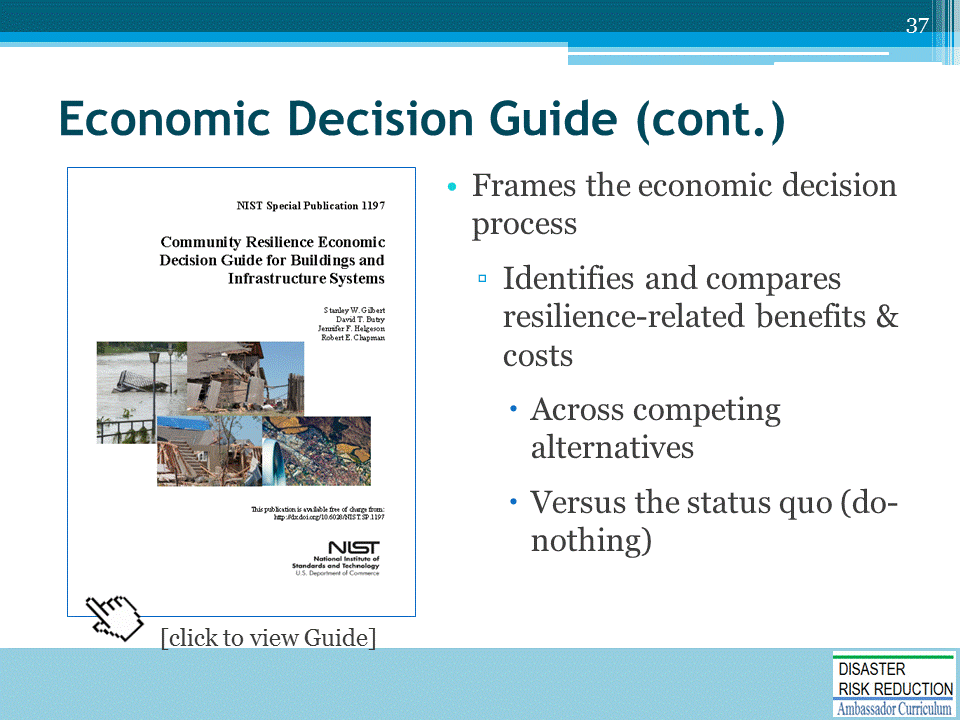


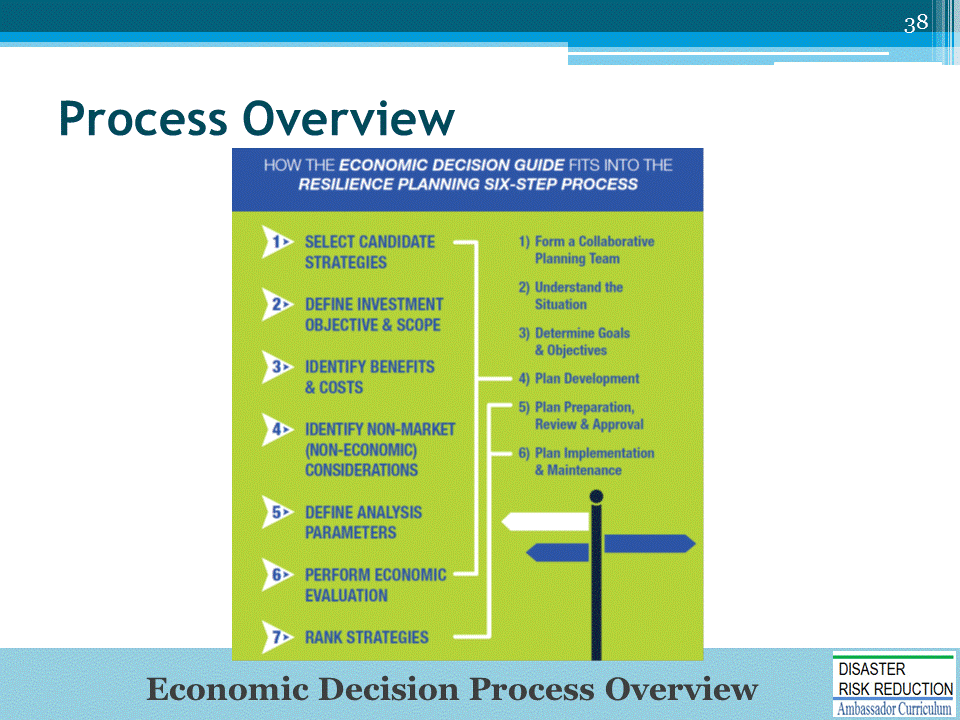


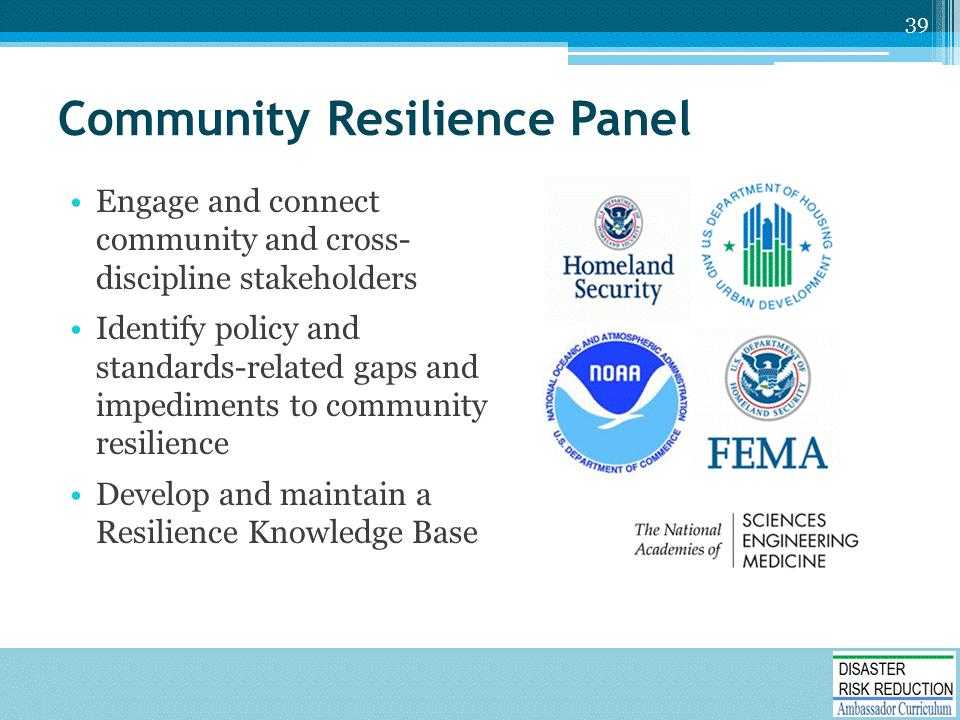


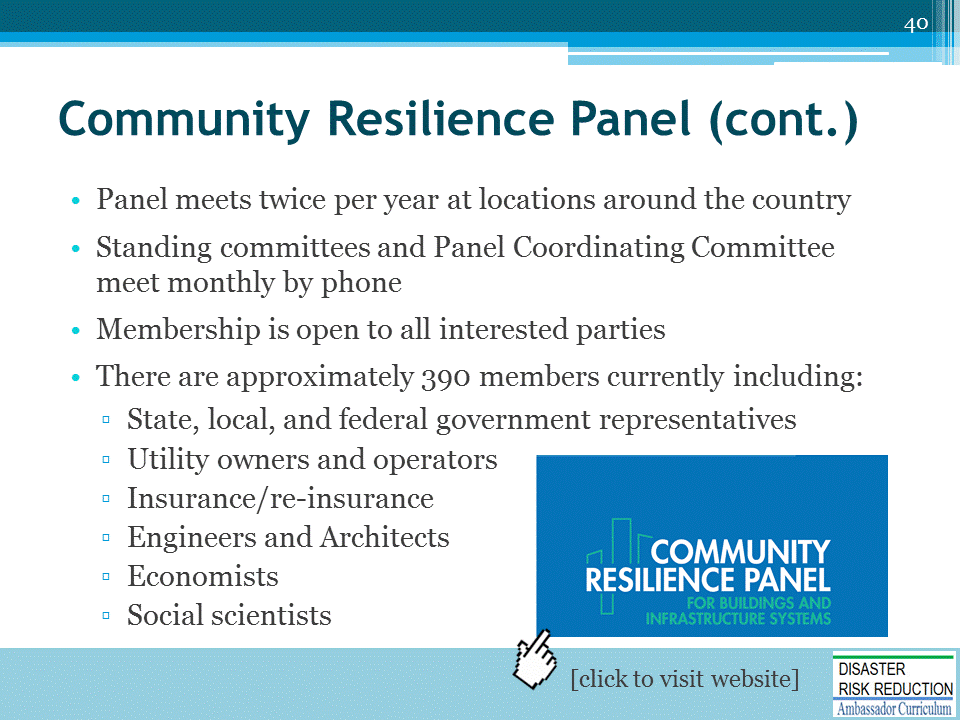


Weblink to EDG: <https://www.nist.gov/publications/community-resilience-economic-decision-guide-buildings-and-infrastructure-systems>

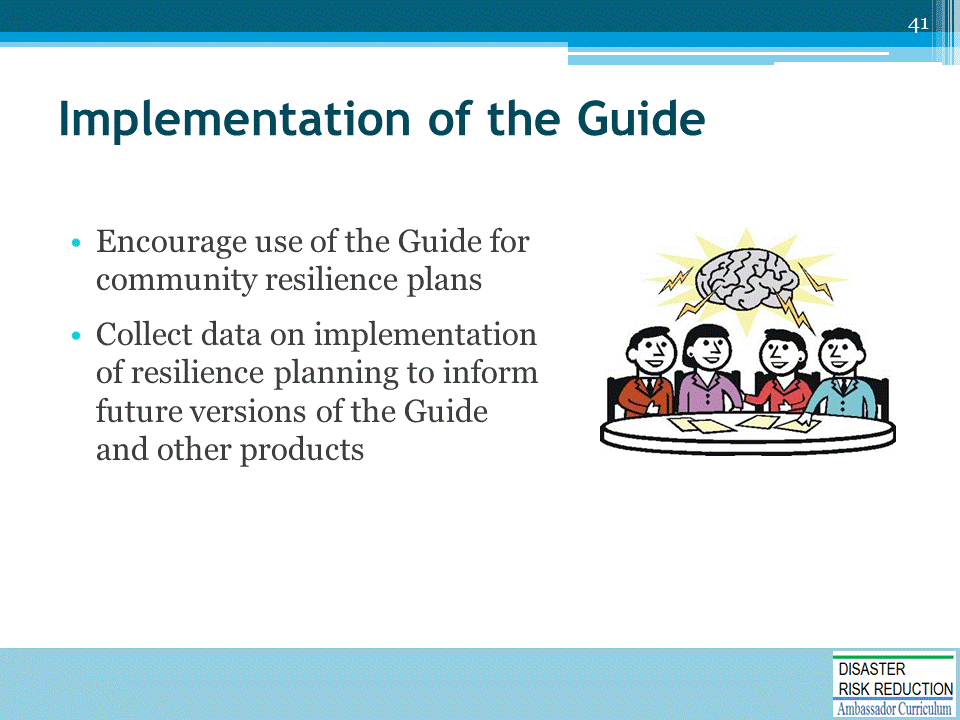


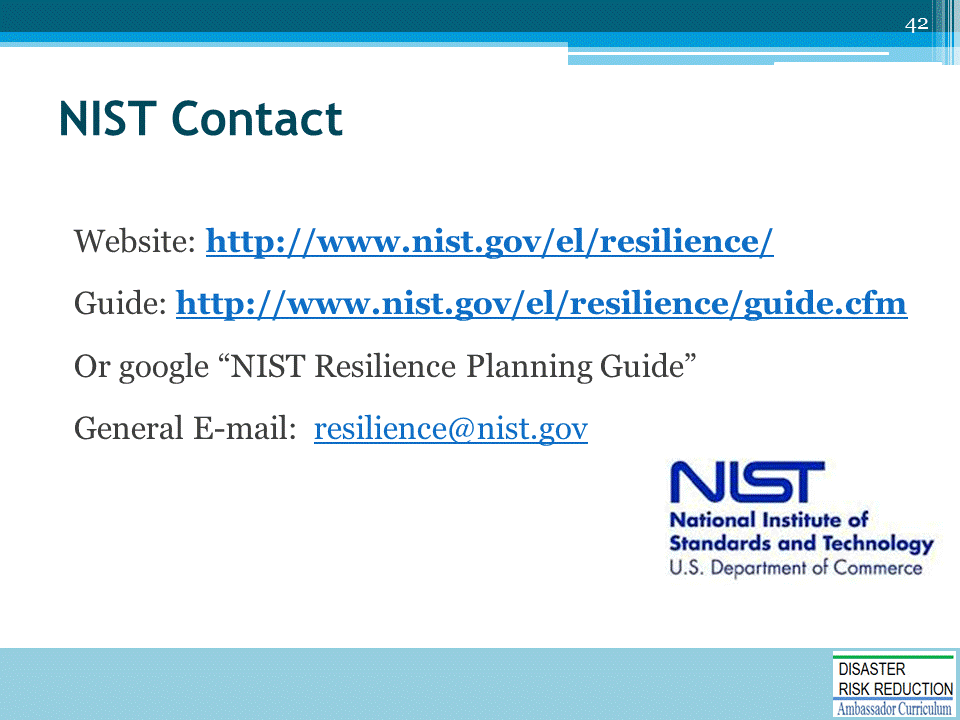


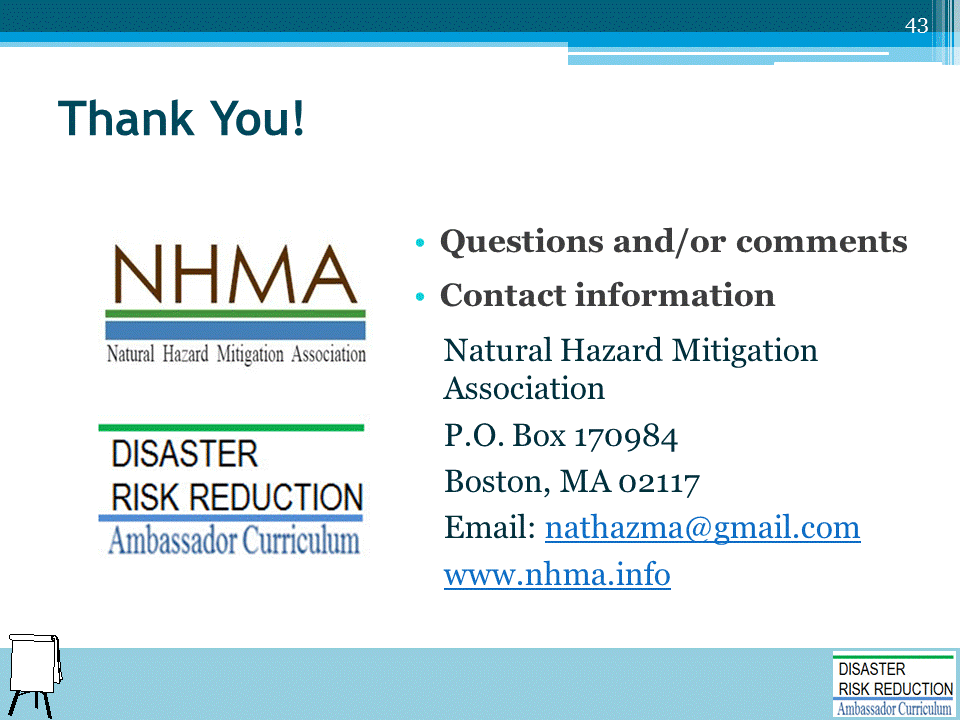




Community Resilience Panel website: <https://crpanel.nist.gov/>







**DRR AMBASSADOR CURRICULUM AT-A-GLANCE**

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| **I. Disaster Risk Reduction for a Safe and Prosperous Future** | |
| 1 | Introduction to the Natural Hazard Mitigation Association and Disaster Risk Reduction Ambassador Curriculum |
| 2 | Introduction to Disaster Risk Reduction as a Foundation of Community Resilience |
| 3 | Leadership for Disaster Risk Reduction |
| 4 | Community Disaster Risk Reduction and Adaptation |
| 5 | Approaching the Challenge of Disaster Risk Reduction: NIST Community Resilience Guide |
| **II. Forming a Community’s Vision for Disaster Risk Reduction** | |
| 6 | Risk Assessment through Storytelling: An Asset-Based Approach |
| 7 | Achieving Community Buy-in for Disaster Risk Reduction: Win-Win Approaches |
| 8 | Leveraging Resources to Improve Disaster Risk Reduction |
| **III. Realizable, Practical, and Affordable Approaches for Moving from a Vision for Disaster Risk Reduction to a Strategy** | |
| 9 | Selecting and Implementing a Strategy for Addressing Community Disaster Risk Problems |
| 10 | Integrating Hazard Mitigation into Local Planning |
| 11 | Beyond Codes and Low-Impact Development |
| 12 | Creating the Plan: A Sustainable Floodplain Management Process Model |
| **IV. Resources and Tools for Implementing a Community’s Disaster Risk Reduction Strategy** | |
| 13 | Climate and Weather Tools and Trends |
| 14 | Risk Assessment Basics |
| 15 | Legal and Policy Opportunities for Disaster Risk Reduction |
| 16 | Linking Catastrophe Insurance to Disaster Risk Reduction |
| **V. Resources for Hazard-Specific Disaster Risk Reduction** | |
| 17 | Living with Water: Inland and Coastal Flooding |
| 18 | Design for Flood Resilience: Part I: Floodplain Management and Flood Resistant Design |
| 19 | Design for Flood Resilience: Part II: Green Infrastructure / Low Impact Development |
| 20 | Overcoming Impediments to Flood Resilience: Paths Forward |
| 21 | Wildfire Mitigation |
| 22 | The Wildfire-Flood Connection |
| 23 | Severe Thunderstorm/Tornado Safe Rooms |
| 24 | From Policy to Engineering: Earthquake Risks |