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Improving Community Resilience Through Integrated Risk Modeling and Community Planning

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A Strong Project Partnership



OFFICE FOR COASTAL MANAGEMENT
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

AECOM



COASTAL GEOSPATIAL SERVICES CONTRACT
DIGITAL COAST PARTNERSHIP

**When coordination
of plans is absent, a
community may not
be treating hazards
as a planning
priority**

This project is about...

- **Integrating a wide range of resources into existing local planning processes**
- **Linking those processes together**
- **Building a mitigation planning program that thrives**

Early Steps

Created an **inventory of flood risk models, tools and resources**

- Includes “points of intervention” within existing local planning processes
- Identifies target audiences, estimated levels of effort and other key factors
- Supported by a national survey through ASFPM, APA and NACo

Developed a **strategy for demonstrating approaches with pilot communities**

- Includes a proposed approach for community meetings, stakeholder engagement, public involvement, etc.
- Includes a communication plan for local coordination

Identified two **pilot communities to hold a series of meetings and workshops**

- San Luis Obispo (SLO) County, California
- Brevard County, Florida

Demonstration Strategy

General guidance for integrating data into the planning process

- Planners, planning organizations and planning consultants
- Local elected officials
- Community organizations and assistance providers
- State and federal agencies
- Model developers
- Others



Integration strategy

- Identifying the process
- Understanding the underlying reasons for why integration is important

Identifying the hazard risks associated with the planning area

- Social, economic and physical vulnerabilities
- Policy implications for future development
- Community capacities and resources

San Luis Obispo (SLO) County, California

Local Hazard Mitigation Plan

Climate Action Plan

Safety Element

Housing Element



Building Relationships and Establishing a Process

Held a series of conference call/WebEx sessions to discuss local plans

- Goals for upcoming plan updates
- What did they want to expand, enhance, improve, etc.
- Opportunities for discussion, collaboration and knowledge sharing

Scheduled a local workshop for local officials and stakeholders

- Coming up soon! May 22 in the City of San Luis Obispo

Developing a tailored 1-day workshop agenda for participants

Proposed Workshop Agenda

Welcome and Introductions

Overview and Purpose

Discussion of Local Plans and Areas of Interest

Risk Modeling Tools and Resources

Networking Break

Measuring and Mapping Flood Risk

Analyzing Social Vulnerability

Evaluating Climate Change

Community Resilience Scorecard Approaches

Communicating Resilience Efforts

Local Case Studies

Facilitated Discussion

Closing Thoughts and Next Steps

Brevard County, Florida

Planning

Emergency Management

Public Works

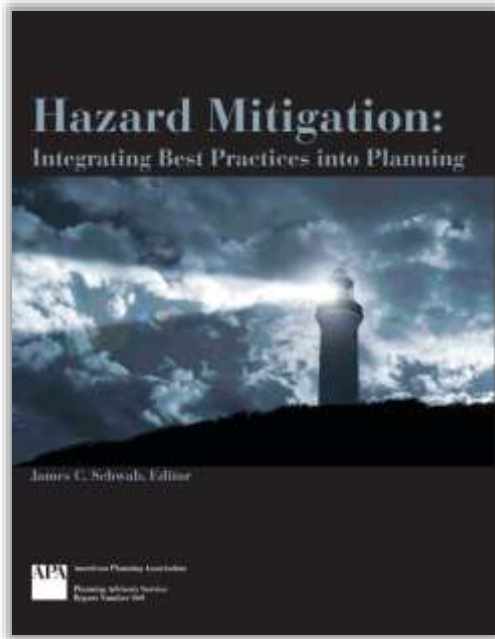
Natural Resource Management

Utilities

Space Coast TPO

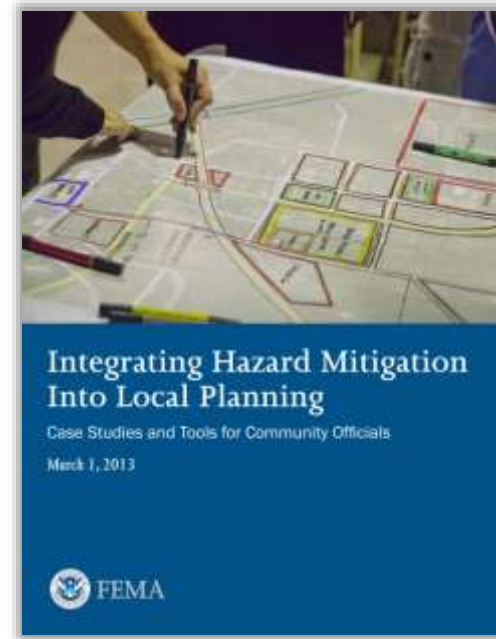
East Central Florida Regional Planning Council

Resources That Might Be of Interest



APA Planning Advisory Service Report 560

- *Hazard Mitigation: Integrating Best Practices into Planning*



FEMA Publication

- *Integrating Hazard Mitigation into Local Planning: Case Studies and Tools for Community Officials*

Executing an Outreach Plan

Distribution of guidance documents, reports and project materials

Articles for trade publications

Social media outlets

Partner organizations

**NOAA Digital Coast
("Stories from the Field")**

National conferences

– ASFPM, APA, NACo and others

Developing feedback for model and tool developers

Stay tuned!



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Thank you for participating!

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