Tying It All Together

Improving Community Resilience by Integrating Risk Modeling and Community Planning

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When coordination of plans is absent, a community may not be treating hazards as a planning priority.
This project is about integrating the resources that are out there into existing local planning processes and connecting those processes together.
Project Approach

Phase I  *(Nearing Completion)*
– Identify potential flood risk models, tools and methods
– Identify planning opportunities (“Points of Intervention”)
– Develop integration strategy
– Identify local partners

Phase II  *(Summer 2016)*
– Demonstrate implementation
– Assess implementation
– Revise integration strategy

Phase III  *(Fall/Winter 2016 and Spring/Summer 2017)*
– Develop and execute outreach plan
– Release final integration guidance
– Develop feedback for model and tool developers
Phase I
Strategy Development
Creating a framework
Identifying Potential Models, Tools and Methods

A challenging (and daunting) task
– Review of current literature, models and tools
– Survey of APA, ASFPM and NACo memberships
– Consultation with subject matter experts
– Refinement of entries

Development of an inventory
– Description of each resource
– Owner, location and other key facts
– Types of data/outputs available
– Mitigation planning, community resilience, urban planning, GIS management and high level notes
– Recommended points of intervention
– Target user(s)
– Estimated level of effort for target user(s)
Identifying and Discussing Planning Opportunities
Developing an Integration Strategy

General guidance for integrating data into local planning processes
– Not just *what* you should do, but *how* to do it

Establishing a framework for the pilot studies
– Planning team members and stakeholders
– Messaging and timeframe
– Maintenance

Target audience
– Planners, planning organizations and planning consultants
– Model developers and users
– Local, State and Federal agencies

Planning crosswalks and case studies
Identifying Local Partners

Working with 2 local governments to validate implementation
- Different regions of the United States
- Varying sizes and capabilities
- “Peer-to-peer” applicability
- City/county relationships

Characterization and prioritization process
- Input received from all project partners
- Identified 6 potential pilot communities:
  3 on the West Coast and 3 on the Gulf Coast
- Currently in the process of making the final selection and gauging interest from the finalist communities
Phase II
Demonstration and Implementation
Tying it all together
Demonstrating Implementation

Kickoff meetings and workshops

Technical assistance

Interpretation of results and findings

Identification of potential mitigation actions and community resilience activities

Guidance on implementation of projects
Assessing Implementation

Did the process unfold like we thought it would or did it take on a life of its own?
– Evaluate success of the local partners in implementing the strategies identified through the project

Answer local questions
– Address comments or concerns and document key findings
– How long does it take to gauge success?

Timing can be everything!

Intent is to provide resources that can be used at a later time within the pilot communities as well
Revising the Integration Strategy

Incorporate lessons learned from the pilot studies

Revise our approach, thoughts and recommendations

Develop a final *Integration and Implementation Strategy Guide*
Phase III
Outreach
Sharing a “replicatable” process
Developing and 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

Stay tuned!
Developing Feedback for Model and Tool Developers

Analysis of strengths, weaknesses, gaps and opportunities

Assist model and tool developers in enhancing their products based on actual practice and work being conducted in the field

Similar to feedback AECOM has provided through past projects with NOAA, NACo, FEMA and local government agencies
Currently Available Resources

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
Thank you for participating!

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