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INTEGRATING PLANS AND PLANNING MECHANISMS INTO LOCAL HAZARD MITIGATION PLANS

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Local Hazard Mitigation Plan Seen as Integration Vehicle:

- ***Comprehensive Plans***
- ***Comprehensive Economic Development Strategy***
- ***RiskMAP***
- ***Agency Initiatives***
 - ***Green Infrastructure/Low-Impact Development***
 - ***Infrastructure and Infrastructure Dependency***
- ***THIRA***
- ***Community Rating System (CRS)***



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ALL PLANNING IN SERVICE TO MITIGATION PROJECTS

- **Hazard Mitigation Plan is an argument.**



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Snapshot of the Local Plan Review Tool

Planning Process

- Does the plan document the planning process, including how it was prepared and who was involved in the process for each jurisdiction? **(A1)**
- Does the plan document an opportunity for neighboring communities, local and regional agencies..., agencies that have the authority to regulate development, as well as other interest to be involved in the planning process? **(A2)**



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Snapshot of the Local Plan Review Tool

Planning Process

- Does the plan document how the public was involved in the planning process during the drafting stage? **(A3)**
- Does the plan describe the review and incorporation of existing plans, studies, reports, and technical information? **(A4)**



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Snapshot of the Local Plan Review Tool

Risk Assessment

- Does the plan include a description of the type, location, and extent of all natural hazards that can affect each jurisdiction? **(B1)**
- Does the plan include information on previous occurrences of hazard events and on the probability of future hazard events for each jurisdiction? **(B2)**



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Snapshot of the Local Plan Review Tool

Risk Assessment

- Is there a description of each identified hazard’s impact on the community as well as an overall summary of the community’s vulnerability for each jurisdiction? **(B3)**
- Does the plan address NFIP-insured structures within the jurisdiction that have been repetitively damaged by floods? **(B4)**



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Snapshot of the Local Plan Review Tool

Risk Assessment/Mitigation Strategy

- Was the plan revised to reflect changes in development? **(D1)**
- Was the plan revised to reflect progress in local mitigation efforts? **(D2)**
- Was the plan revised to reflect changes in priorities? **(D3)**



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Snapshot of the Local Plan Review Tool

Risk Assessment/Mitigation Strategy

- Does the plan document each jurisdiction’s existing authorities, policies, programs, and resources and its ability to expand on and improve these existing policies and programs? **(C1)**
- Does the plan include goals to reduce/avoid long-term vulnerabilities...? **(C3)**



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Snapshot of the Local Plan Review Tool

Risk Assessment/Mitigation Strategy

- Does the plan identify and analyze a comprehensive range of specific mitigation actions and projects for each jurisdiction being considered to reduce the effects of hazards, with emphasis on new and existing buildings and infrastructure? **(C4)**



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Snapshot of the Local Plan Review Tool

Risk Assessment/Mitigation Strategy

- Does the plan contain an action plan that describes how the actions identified will be prioritized..., implemented, and administered by each jurisdiction? **(C5)**
- Does the plan describe a process by which local governments will integrate the requirements of the mitigation plan into other planning mechanisms, such as comprehensive or capital improvement plans? **(C6)**



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Expectations of Information within HMPs

- You will – guaranteed – overkill “vulnerability” (B3).
- Identification of assets = narrative, naming
- Problem Statements
- Mitigation Projects tied to Problem Statements
- Vulnerability narrative specific to counties and cities.

Context.

- Mitigation projects generally
- Mitigation projects/action plan resulting from context.



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Comprehensive Plans

- The most literal way to meet C6.
 - The goals developed in mitigation plan should be reflected in comprehensive plan.
- The description of the county or city is vulnerability (B3).
 - Can be directly lifted into plan.
 - “Problem statements”
- The description of the county or city potentially satisfies D1.



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Comprehensive Economic Development Strategy

- Can help satisfy C1:
 - In order to develop an economic strategy, a jurisdiction’s capacity must be explained.
- Applies to B3:
 - Capacity is vulnerability.
 - Can help direct “problem statements.”
- Helps satisfy C6:
 - CEDS can integrate (reference) other planning mechanisms.



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RiskMAP

- RiskMAP needs to be referenced directly in a hazard mitigation plan.
- RiskMAP Discovery:
 - Areas of Mitigation Interest (AoMI)
 - The creation of “problem statements”
 - The identification of mitigation projects
 - Satisfies A1 and A2.



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Green Infrastructure/Low-Impact Development

- Would need to satisfy all steps of the planning process (A1, A2, A3, and A4).
- Satisfies C4 and C5:
 - The point is to develop and prioritize mitigation projects that emphasize GI/LID.
 - Addresses D3 (priority changes)
- Will integrate secondarily with B3:
 - In order to develop GI/LID projects, context/vulnerability is clarified.
 - Underrepresented areas discussed.



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Infrastructure

- Would need to satisfy all steps of the planning process (A1, A2, A3, and A4).
- Satisfies C4 and C5:
 - The point is to develop and prioritize mitigation projects that protect infrastructure, systems.
 - Specific, multi-faceted projects
- Linked also with comprehensive/CEDS:
 - Projects could alter environment.
- Will integrate secondarily with B3:
 - In order to develop infrastructure projects, context/vulnerability is clarified.



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THIRA

- Identifies threats and hazards of concern.
- Gives the threats and hazards context.
- Establishes capability targets.
- Applies results.



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THIRA

- Helps with prioritization of mitigation projects (C5):
 - Projects are tied to hazards. If THIRA focuses on a certain natural hazard, then that is an argument to prioritize projects dealing with that hazard.
 - The description of “capability” can be a variable in prioritization.
- A THIRA’s description of “capability” can be highly beneficial for a mitigation plan. “Capability” is C1 and ties into B3.



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THIRA

- THIRA also informs about a community by the implication that results from the act of choosing capability targets:
 - Identifying capability targets informs the reviewer either about where there are capability needs and/or about where the reviewer can expect resources to be concentrated outside of strict mitigation plan activity.



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THIRA

- Mitigation plan might want to address C6 by noting that its priorities also could inform the “capability target” identification in future THIRA updates.
- If plan addresses infrastructure, then THIRA potentially informs infrastructure vulnerability assessment:
 - By the act of choosing a “capability target” like “cyber-attack,” its justification must inform qualitatively about vulnerabilities to infrastructure.



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Community Rating System

- 510 Floodplain Management Plan
 - Maximum credit: 382 Points
- Crosswalk requires multi-hazard risk assessment.
- Be mindful of its purpose: “floodplain management”
- ADDs have advantage in their definition of planning committee and in their role to regionally develop comprehensive plans and/or land-use plans.
- Integration should not be attempted without buy-in before a multi-jurisdictional plan process has begun
 - Meet “sufficient” number of times



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Community Rating System

- Integration should not be attempted without buy-in before a multi-jurisdictional plan process has begun
 - Meet “sufficient” number of times.
 - Community must send at least 2 representatives to the planning committee.
 - At least half of community’s representatives must attend all meetings of the planning committee.
 - **Credit for multi-jurisdictional planning committee based on representation from offices that implement the activities in “Step 7”.**



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Community Rating System

- “Step 7 Categories”:
 - Preventative Measures (e.g., codes)
 - Property Protection (e.g., elevation)
 - Natural Resource Protection
 - Emergency Services
 - Structure Flood Control Projects
 - Public Information



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Community Rating System

- Mitigation actions and projects.
- Actions prioritized and funded by the local community.
 - How does the community itself “plan to manage the floodplain.”
- The community separately prioritizes its list of potentially externally funded mitigation projects that apply to mitigation plan.



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