

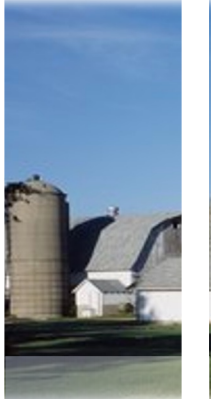


A DISASTER PLANNING INTEGRATION TOOLKIT FOR RURAL ILLINOIS (DPIT)

Problem Statement- Disasters and Rural Illinois



Declining population, economies and administrative Capacities at rural levels. Less diversified communities, fewer resources for financial support, smaller pools of personnel and insufficient communication systems.



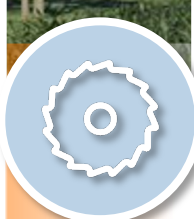
Often futile reliance on reimbursements from state or national levels. Communities are required to adopt hazard mitigation plans as a condition of receiving certain forms of federal disaster



Lack of a Culture of preparedness, not fully recovered from past disasters, and increased susceptibility to health risks, while disaster planning is ignored at local rural levels.



Traditional Disaster Planning is not tailored to address the unique needs of an inter-dependent, agrarian economy and related manufacturing, distribution and livestock operations.



Unexpected interruption to supply chains interrupt all economic activities. Disasters are usually not included in economic plans because many consider them beyond community's control.



Higsmith, Wikimedia Commons



Personal funds and donations support recovery in the absence of local plans to apply to FEMA or EDA.

What do disasters in rural Illinois look like?



2013 (Perlman, The Guardian)



2021 (YouTube, FOX2)



2021 (Landis, Govt Tech)



2021 (Olson, Latin Post)



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Our Solution

The toolkit enables rural communities to use an asset-based approach to developing their Community Development Resilience Plan (CDRP), integrating disaster resilience, economic development and green infrastructure. It addresses critical phases of emergency management, including mitigation, preparedness, response and recovery.

Integrating Economic Development and GI

Simplify old models

Develop Tools and Templates

Obtain Feedback

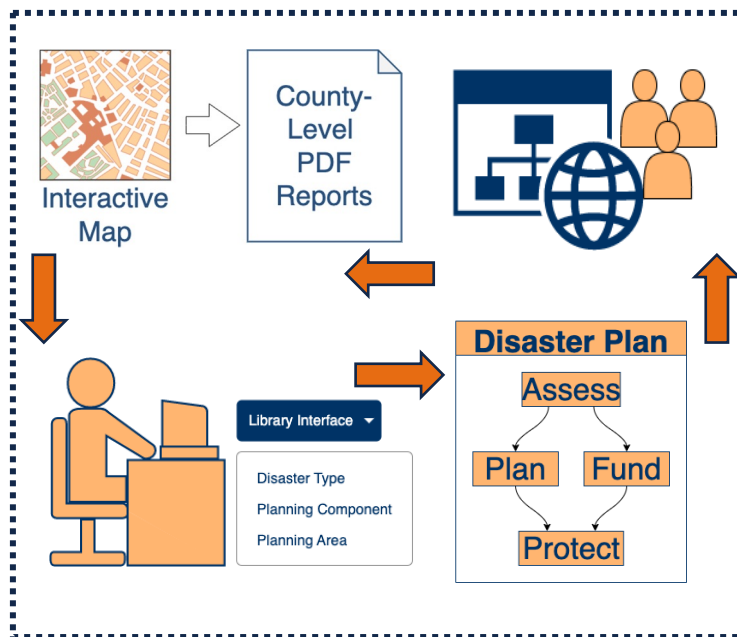
A Living Repository

The Toolkit

1 Disaster Risk Assessment Tool

Includes an interactive county-level map with a Resilience Index and links to PDF reports containing rankings, high/low risk

areas at the tract, urban/rural area and census places for each county.



2 Disaster Planning Integration (DPIT) Library

Assessment reports contain links to relevant resources in the library.

It is also a stand-alone search engine for planning areas and components, disaster types, audiences, funding, etc.

4 Stakeholder Engagement Micro-website

Involving team members, project supervisors, COADs, CEDs Teams, County Officials and other

stakeholders to use DPIT through focus group discussions, polls, recorded meetings and progress reports.

3 Community Development Resilience Planning Process

Community Assets based Approach





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Stakeholders and their Roles

1 Institutional Stakeholders

COADs comprising Rural Communities and Local Government - (toolkit-assisted hazard mitigation planning)

Regions – Planning Facilitation through toolkit use

University Extensions- Maintenance, Updating, Improvements and Revision, Planning Education

Planners/Policy Makers – Development of stand-alone or integrated disaster plans, facilitate funding applications, tailoring toolkit to local needs and using it to document and celebrate local successes

2 Other Organizations

Private Organizations –Benefit from a one-stop resource assessment + library with case studies and project templates

Not-for-Profit Organizations/Nongovernmental Bodies – Help communities to resources and funding

Civic Organizations – Informed participation, can assist and push for needs-based solutions

Schools- Organize workshops, awareness fairs, youth-related activities for hazard mitigation, and community consciousness building

3 Individuals

Residents and Business Owners - Assess assets and develop plans for protecting their local industries, businesses or housing, as well as approach local governments to apply for recovery funds

Students and Researchers – Use the toolkit as a knowledge base as well as a pathway for engaging with community development work for disaster planning

Feedback: What do you think?

Does it address the issues discussed?

SCOPE

ELEMENTS

Adequacy, Accessibility, User-friendly

Potential Users, Forums, Mediums

ENGAGEMENT

INTERFACE

Individual elements, Final Toolkit

Updates, reproducibility and generalization

UPDATES