



Infrastructure Resilience Planning Framework



OVERVIEW

The Infrastructure Resilience Planning Framework (IRPF) is a flexible framework that enables users to identify critical infrastructure, assess related risks, and develop and implement resilience solutions. The framework helps users to understand interconnected infrastructure systems and can be incorporated into many types of plans such as economic development, capital improvement, hazard mitigation, and emergency response/recovery. The IRPF's audience is state, local, tribal, and territorial governments; regional planning commissions; infrastructure owners and operators; and large manufacturing clusters.

The IRPF outlines five key steps that can be incorporated into existing planning processes to enhance resilience by addressing critical infrastructure dependencies. To support these steps, it includes guidance, tools, and resources, including infrastructure dependency questions, a meeting facilitation guide, and a compendium of mechanisms to fund resilience solutions.

IRPF 5-STEP GUIDANCE WITH TOOLS & RESOURCES

- 1 Lay the Foundation** - How to form a collaborative planning group, engage infrastructure stakeholders, and review existing information that may be relevant to the planning effort.
- 2 Identify Critical Infrastructure** - How to identify infrastructure that is critical to the community and dependencies among infrastructure systems and assets.
- 3 Assess Risk** - Approaches for assessing risk to critical infrastructure that can inform the development and prioritization of mitigation measures.
- 4 Develop Actions** - Guidance on identification of mitigation strategies to address priority infrastructure risks and achieve community resilience goals.
- 5 Implement & Evaluate** - How communities can implement prioritized resilience solutions through existing planning mechanisms, potential funding sources, and technical assistance programs.



OUTCOMES OF THE IRPF

The IRPF helps communities, regions, and infrastructure owners and operators:

- Create a comprehensive, integrated approach to infrastructure resilience which can reduce repetitive losses and mitigate the impact of hazards.
- Better understand critical infrastructure risk and identify opportunities to enhance resilience.
- Foster greater collaboration among diverse stakeholders.
- Incorporate infrastructure resilience into other planning efforts.
- Identify funding sources and improve competitiveness for grant and loan requests.

For more information on the Infrastructure Resilience Planning Framework, contact the CISA Infrastructure Development and Recovery Program at IDR@cisa.dhs.gov.