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Climate Resiliency: Dealing with (un)Certainty

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Disasters are happening with increasing frequency and intensity.

Alaska Disasters

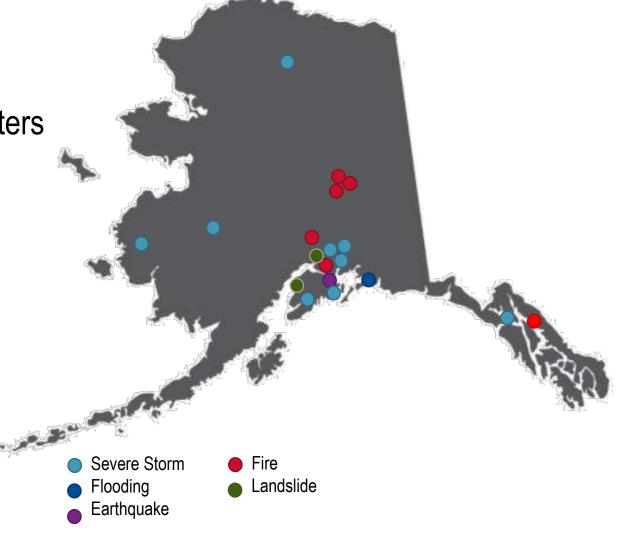
19 Federally declared natural disasters and fires (2017-2023)

10 Severe Storms and Flooding

5 Fires

Earthquake

2 Landslide



\$300 Project costs for federally declared disasters, 2017-2022

Climate Economic Impact and Funding for Resilience (2023)

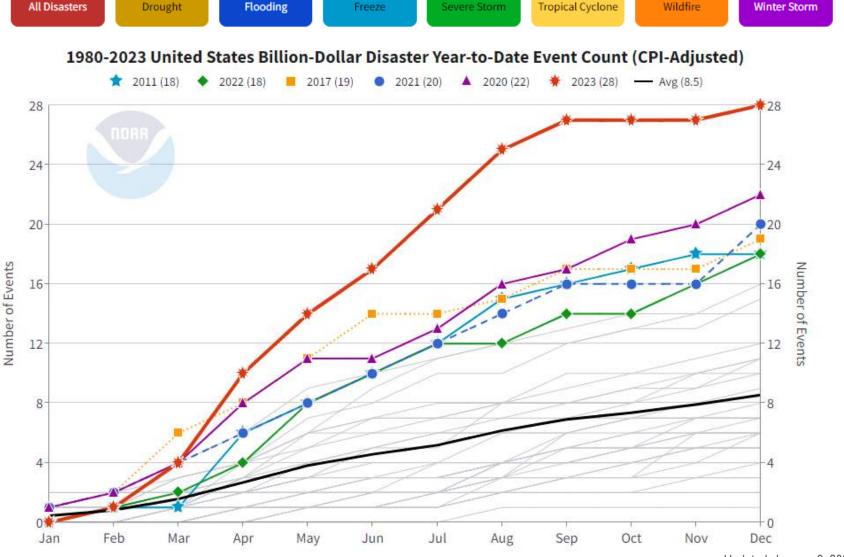
weather and climate disaster events in 2023

LOSSES IN U.S. EXCEEDING

\$1 billion each

More than 3 million adults forced to evacuate homes

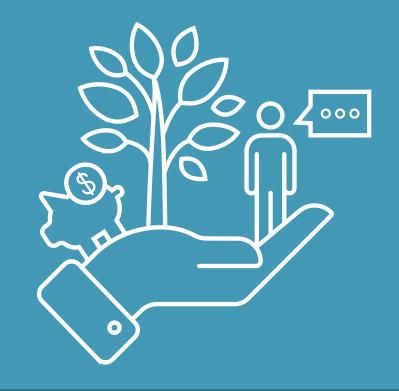
in 2022 because of a natural disaster, according to a Census Bureau tally.



Resiliency Planning, Design, and Delivery

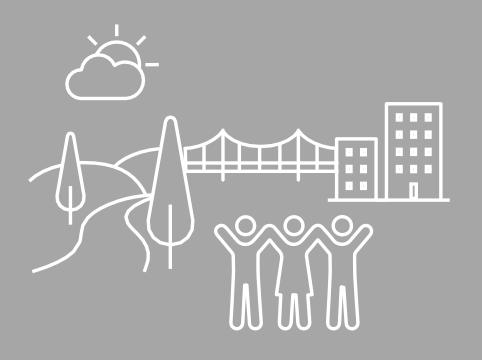
RISK & VULNERABILITY ASSESSMENT

RESILIENCY PLAN AND / OR ACTION PLAN



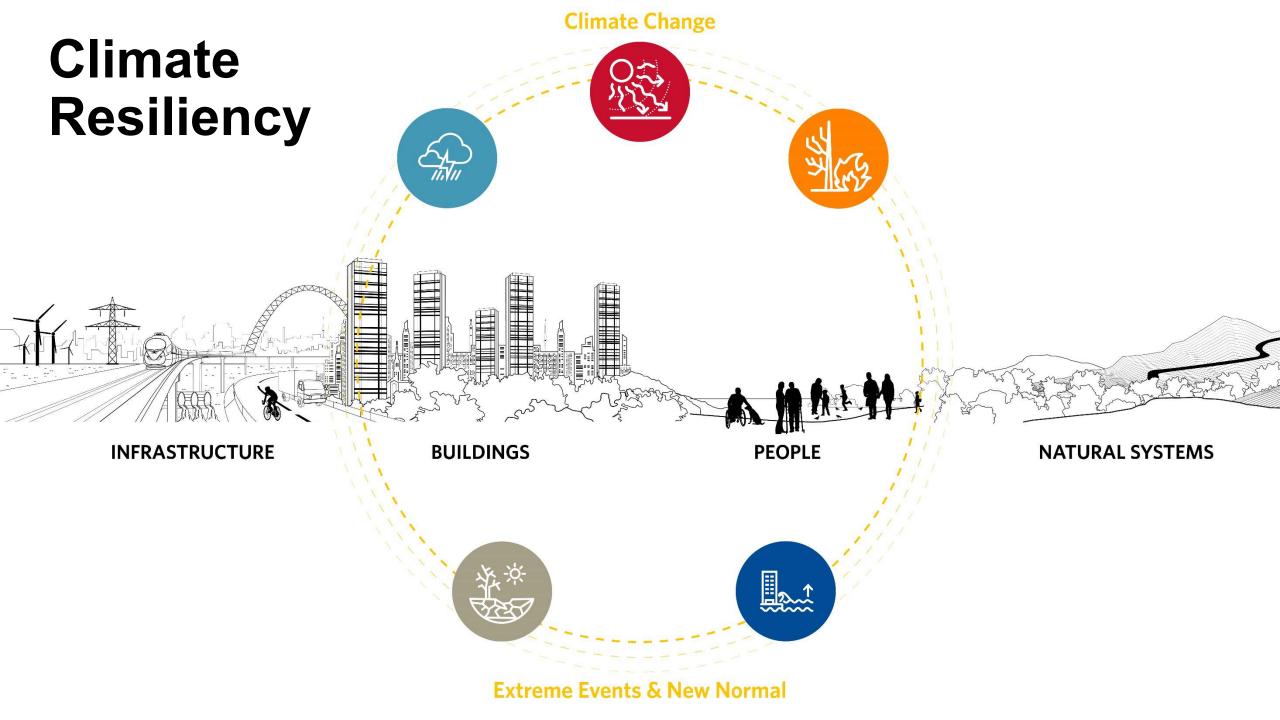


The act of balancing the environmental, social and economic needs of the built and natural environments for present and future generations.



RESILIENCY

The capacity for people, communities, buildings and infrastructure to endure, rapidly respond to and prosper despite impacts from shocks and stress.















Safety & Security

Food, Water, Shelter

Health & Medical

Energy (Power & Fuel)

Communications

Transportation

Hazardous Material

Law Enforcement/ Security



















Patient Movement



Alerts, Warnings, & Messages





Fire Services





Public Health













Fatality Management Responder Communications











Maritime

Image courtesy of FEMA









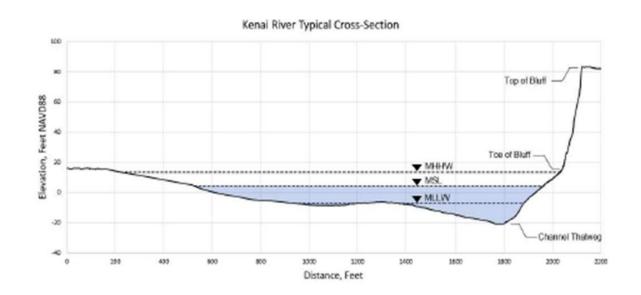






Resiliency Strategies and Design







Resiliency Strategies and Design



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Coastal Resilience Funding Opportunities

In recent years, federal and state agencies have steadily increased the volume of grant opportunities for actions that enhance



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