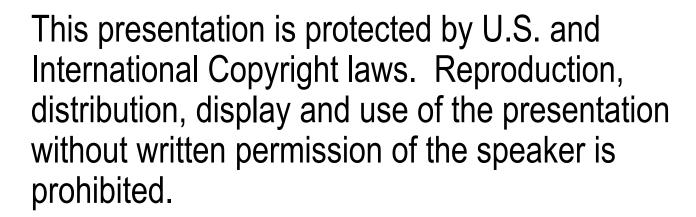
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Climate Resiliency: Dealing with (un)Certainty

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Disasters are happening with increasing frequency and intensity.

Alaska Disasters

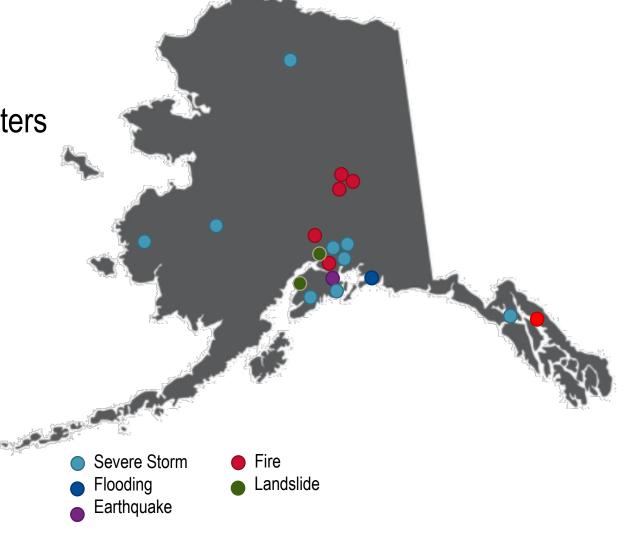
19 Federally declared natural disasters and fires (2017-2023)

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)

Flooding

Freeze

Drought

All Disasters

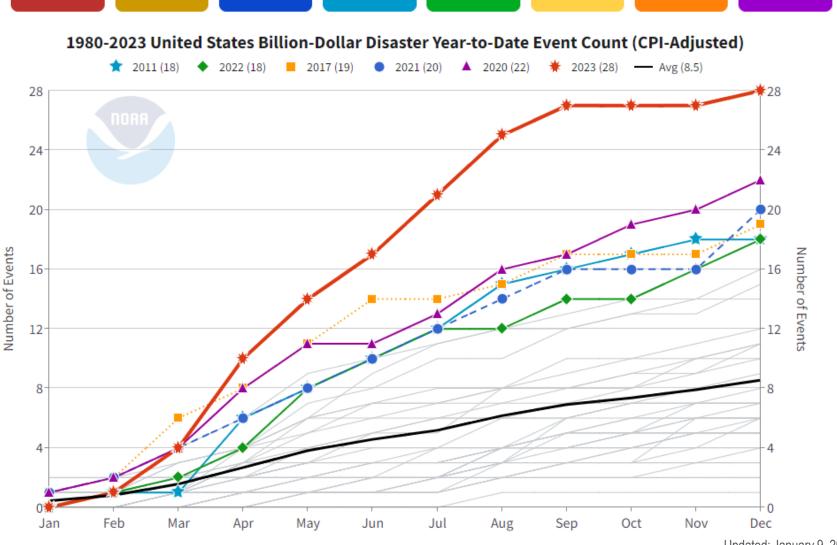
weather and climate disaster events in 2023

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.



Tropical Cyclone

Severe Storm

Wildfire

Winter Storm

Resiliency Planning, Design, and Delivery

RISK & VULNERABILITY ASSESSMENT

RESILIENCY PLAN AND / OR ACTION PLAN



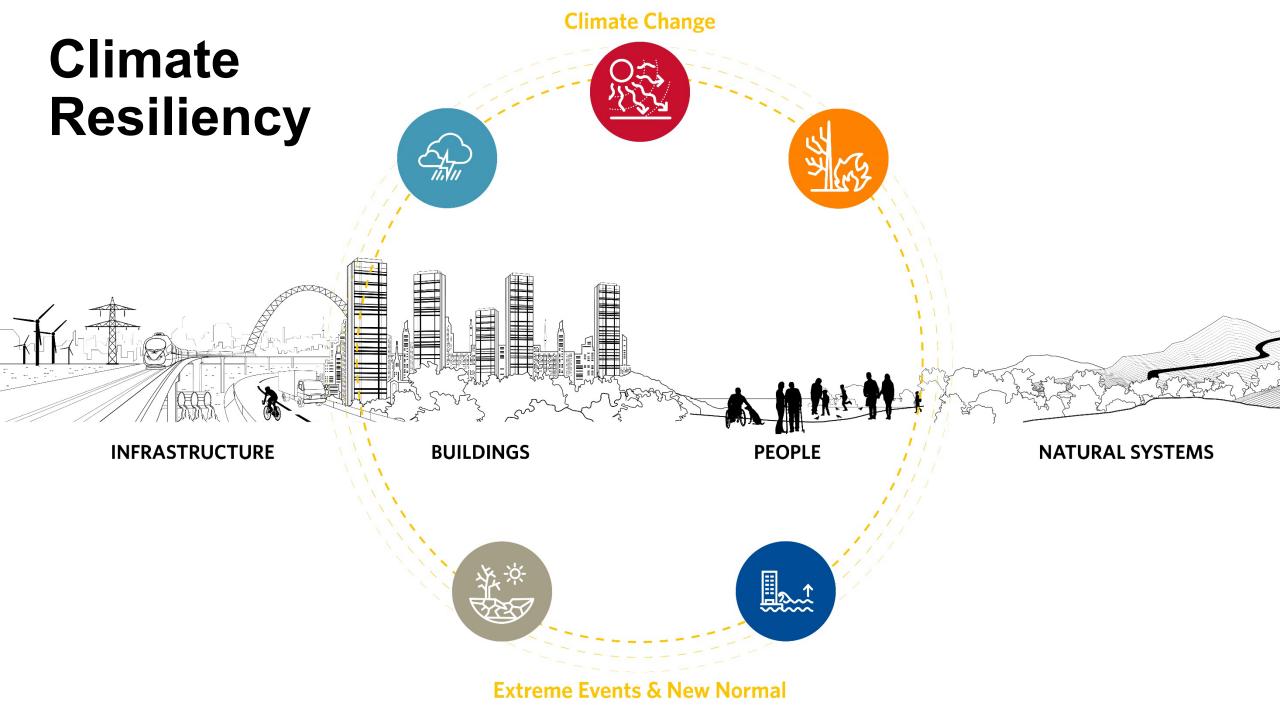


The act of balancing the environmental, social and economic needs of the built and natural environments for present and future generations.



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



Food

Water



Medical Care



Power (Grid)



Infrastructure



Highway/Roadway



Facilities



Fire Services





Patient Movement



Fuel



Alerts, Warnings, & Messages



Mass Transit



Contaminants



Search & Rescue



Shelter



Public Health



911 and Dispatch



Railway



Agriculture



Fatality Management



Responder Communications



Maritime







Finance







Government Services





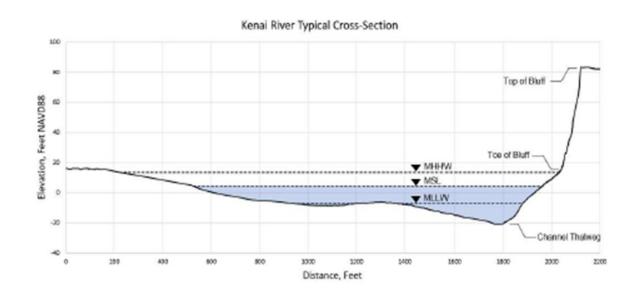






Resiliency Strategies and Design







Resiliency Strategies and Design



Add shading devices.

Add rain protection.

Collect water/drought resiliency. Maximize

pervious surface/ flood control.

Contact



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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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