

Resiliency in Regional Planning

Resilient Connecticut Workshop

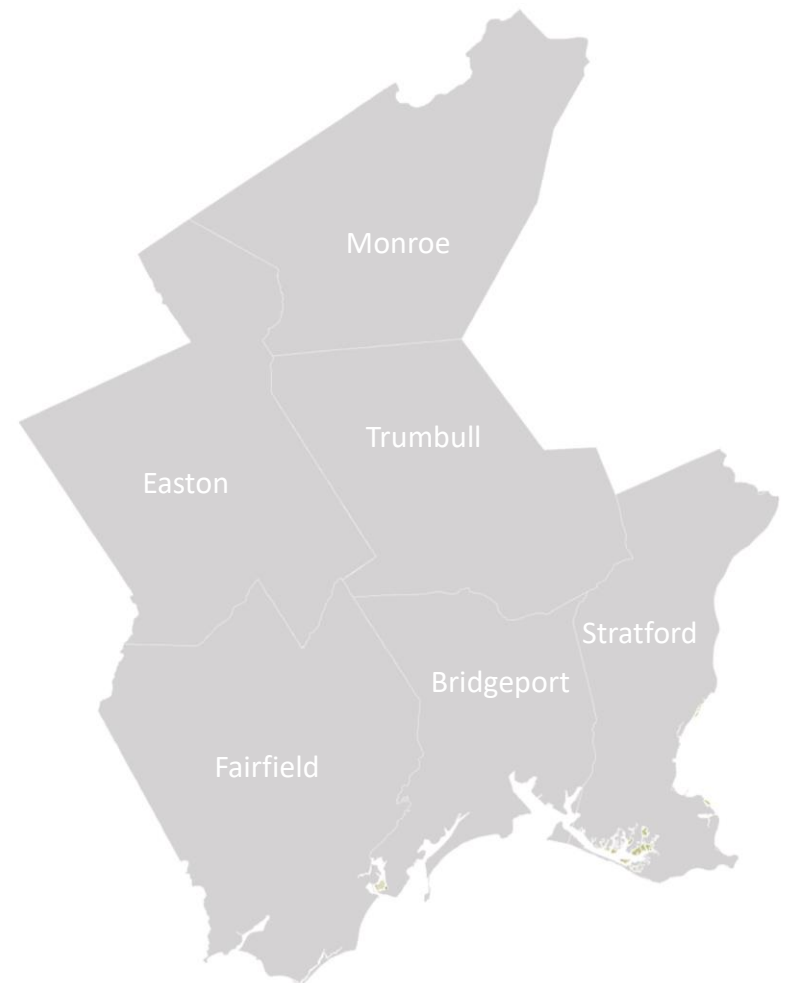
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UConn Stamford



METROCOG

Connecticut Metropolitan Council of Governments

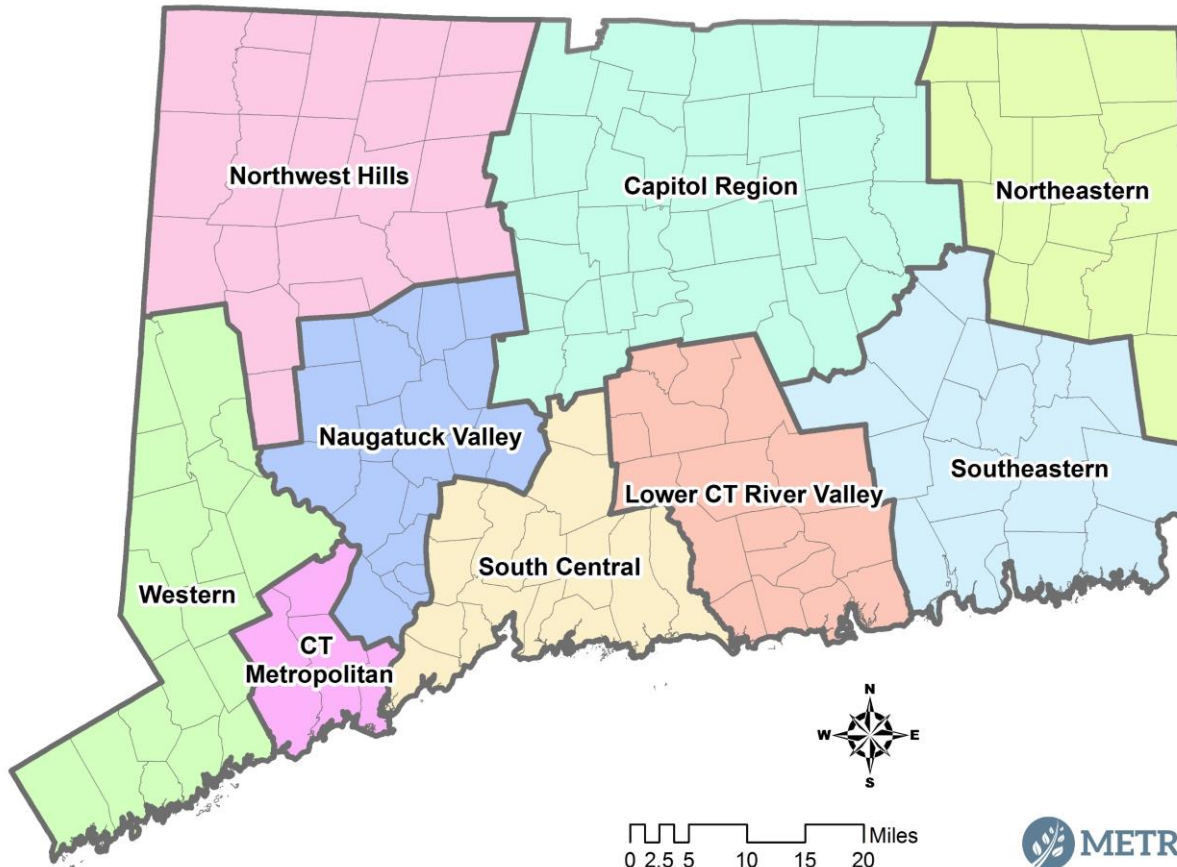
TODAY'S PRESENTATION



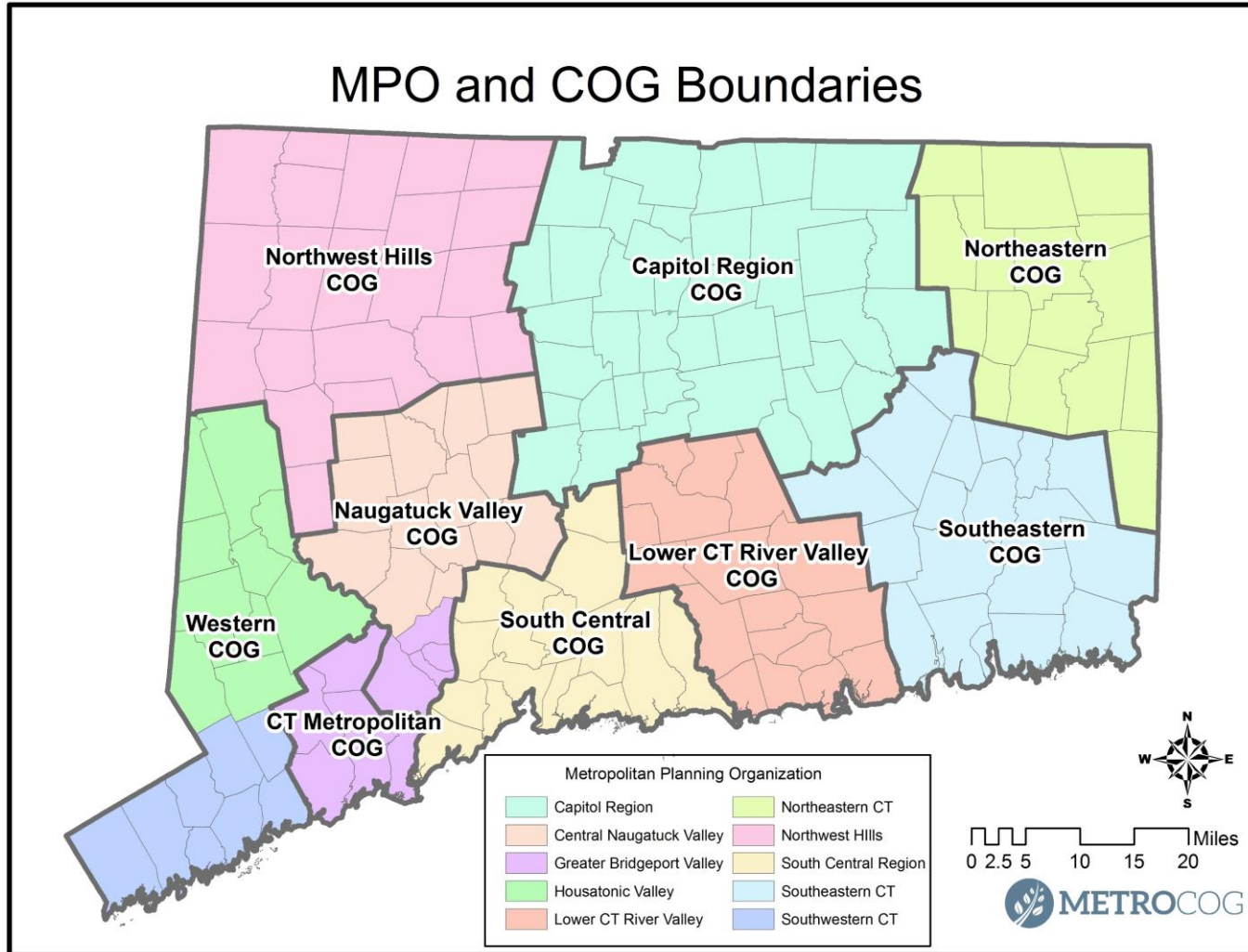
1. Council of Governments (COG) Overview
2. Metropolitan Planning Organization (MPO) Overview
3. MetroCOG Overview
4. Resilience in Transportation Planning
5. Regional Natural Hazard Mitigation Plans
6. FEMA Community Rating System

CT COUNCIL OF GOVERNMENTS

Regional Councils of Governments in Connecticut



CT METROPOLITAN PLANNING ORGANIZATIONS



ABOUT METROCOG



City of Bridgeport; Towns of Easton, Fairfield, Monroe, Stratford & Trumbull

Host agency for the Greater Bridgeport and Valley MPO (GBVMPO)

Provide a range of planning and project specific services to the six member municipalities – Transportation, Land Use, Conservation & Natural Hazard Mitigation Planning; GIS & Mapping, Grant Writing and Project Management.

RESILIENCE IN TRANSPORTATION PLANNING

- Fixing America's Surface Transportation (FAST ACT) 2015
 - Improve transportation system resiliency and reliability.
 - Reducing (or mitigating) the stormwater impacts of surface transportation.

- CTDOT 2018 Statewide Long-Range Transportation Plan

- Improve reliability of the transportation system by addressing vulnerabilities.
- Integrate 'green' transportation practices into all Department activities from planning to design and construction to operations.



Photo: Christian Abraham (CTPOST)

RESILIENCE IN TRANSPORTATION PLANNING

GBVMPO 2019 Metropolitan Transportation Plan: Resiliency Projects

- Raise Roads for Resiliency: Fairfield's Post Road/US 1 flooding potentially effects 20,000 vehicles per day
- Green Infrastructure Projects
 - Installation of bioretention, bioswales, rain gardens and tree box plantings.
 - Daylight watercourses to improve inland drainage and reduce downstream roadway flooding.



Photo: CJ Zurcher

REGIONAL HAZARD MITIGATION PLANNING

- FEMA requirement for municipalities to access federal disaster assistance, mitigation grant funding and program eligibility.
- All CT COGS have FEMA approved regional plans
 - Identify and analyze hazards locally and regionally
 - Enable regional project prioritization



FEMA COMMUNITY RATING SYSTEM (CRS)



- Reduces residential flood insurance premiums for accepted municipalities.
- MetroCOG CRS Communities
 - Fairfield, Stratford and Trumbull all accepted between 2018 and 2019 (Class 8 rating).
 - Bridgeport currently in the application process.
- MetroCOG Application Assistance
 - Developed and maintained flood hazard websites.
 - Hosted required FEMA GIS Layers in municipal parcel viewers.
 - Added additional flood hazard information to each municipal parcel.
 - Assisted with map creation and spatial analysis.

RESILIENT CONNECTICUT



- Significant local and regional planning over the last 5 to 10 years to analyze and identify
- Create and utilize a framework for hazard reduction and economic impact analysis to prioritize projects
- Create conceptual/preliminary designs for highest priority projects



THANK YOU

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