



# MWCOG RESILIENCE EFFORTS

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## 2023 Potomac River Conference, Government Innovation Panel

Katherine Rainone, AICP  
Transportation Resilience Planner, MWCOG/TPB

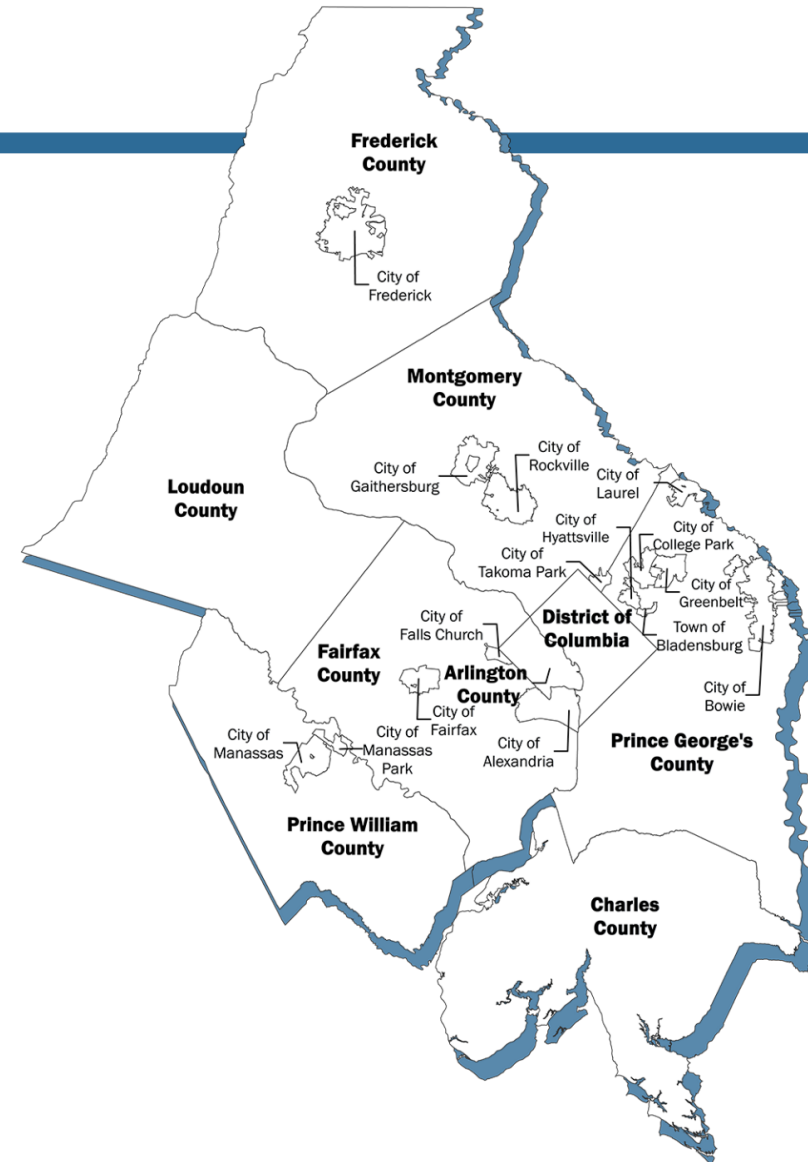
2023 Potomac River Conference  
September 21, 2023

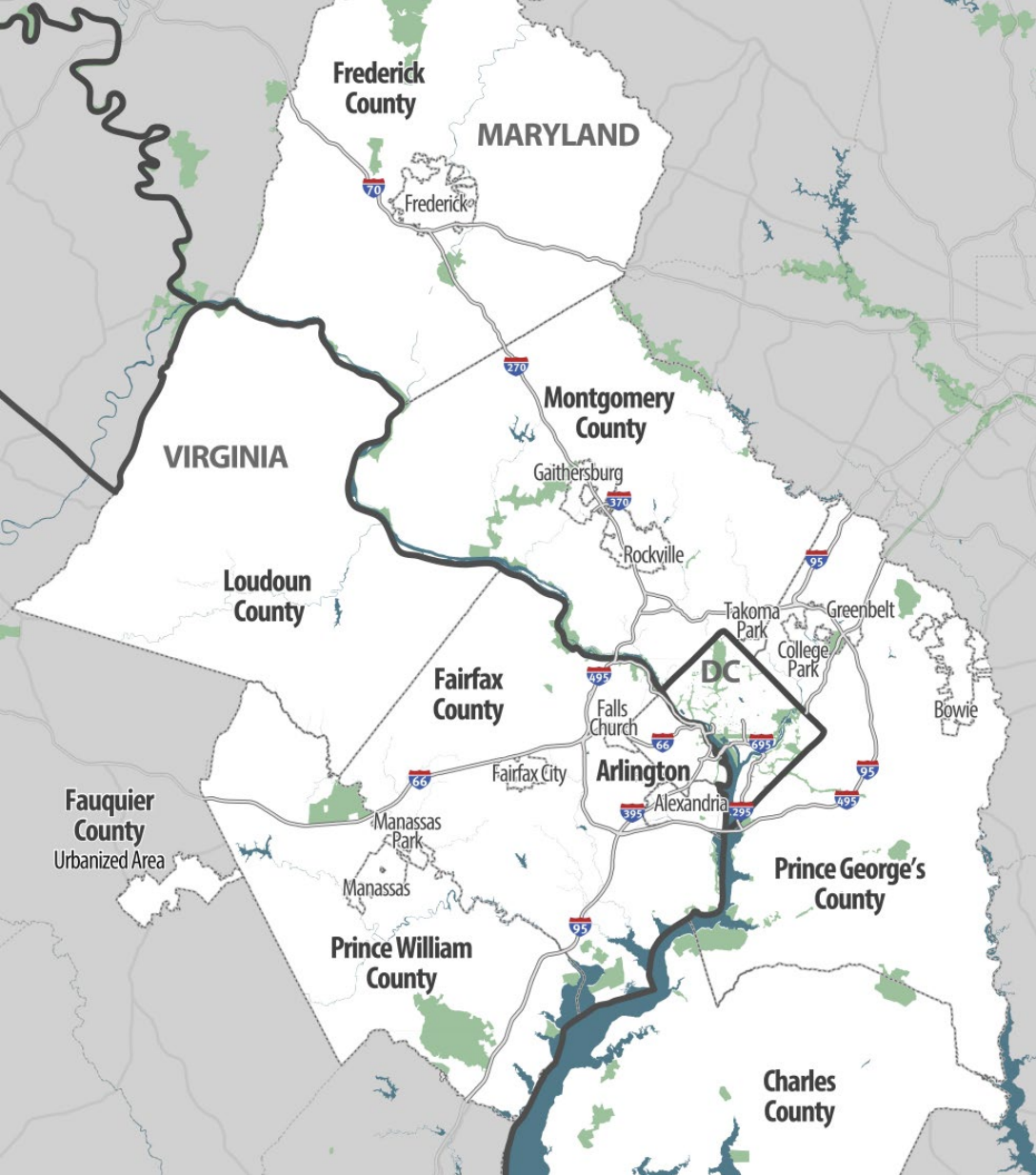


National Capital Region  
**Transportation Planning Board**

# About COG

- An independent, nonprofit association founded in 1957.
- Brings area leaders together to address regional issues and plan for the future.
- 300 elected officials from 24 local governments, the Maryland and Virginia state legislatures, and U.S. Congress, representing about 6 million residents.
- Home of the Transportation Planning Board, the region's Metropolitan Planning Organization.
- 125+ staff.





## About TPB

- The National Capital Region Transportation Planning Board (TPB) is the federally designated Metropolitan Planning Organization (MPO) for the region. The TPB is housed/staffed by COG.
- Plays an important role as the regional forum for transportation planning.
- Prepares plans and programs that the federal government must approve in order for federal-aid transportation funds to flow to metropolitan Washington.



# MWCOG Climate Resilience Goals

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In October 2020, per CEEPC's recommendation, the COG Board adopted (and TPB affirmed) the climate resilience goal of becoming a Climate Ready Region and making significant progress towards becoming a Climate Resilient Region by 2030.

## *Climate Ready Region:*

To be Climate Ready by 2030, all local governments must assess current and future climate risks, and be actively integrating climate planning across government plans, operations, and communications.

## *Climate Resilient Region:*

To fully be a Climate Resilient Region, the region must have the ability to adapt and absorb against disturbances caused by current and future, acute and chronic climate impacts and successfully maintain essential functions.



# COG Resilience Efforts – Local Planning

- **Local Climate Resilience Planning:** Charles, Fairfax, Frederick, Prince George’s Counties and Cities of Frederick and Rockville
- **Site Feasibility, Planning, and Design:** for clean energy, combined heat and power, electric vehicle charging deployment, microgrids, and grid hardening
- **Resilience Authority Feasibility Study:** feasibility study to provide recommendations feasible legal entity or structure to secure, manage, and distribute private and funding to implement the Prince George’s County’s Climate Action Plan
- **Military Installation Resilience Review:** Assessed climate risks and measures for four installations in Washington D.C. (Phase 2 to begin this month)
- **Regional Tree Canopy/Urban Heat Island:** Best practices for establishing tree canopy goals at local and regional level, compilation of best practices for local ordinances, management strategy, planting trees in riparian zones, identification of priority planting areas (PPAs) for equity



# COG Resilience Efforts – Water/Emergency Mgmt

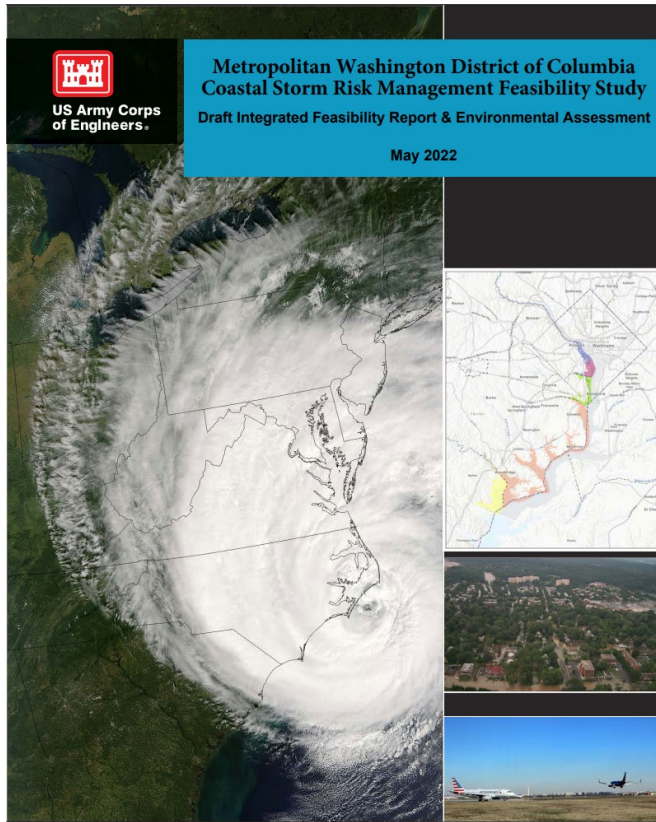


Figure: US Army Corps of Engineers

- **Water Resiliency:** Water quality, water security, water monitoring, drinking water emerging issues coordinated through various COG led committees
- **Regional Blue-Green Infrastructure Community Engagement and Planning:** FEMA funded project to develop and deploy model community engagement and BGI planning framework
- **COG/USACE Northern Virginia Coastal Storm Risk Management Study:** Assesses feasibility of solutions to reduce long-term coastal flood risks
- **Regional Water Supply Emergency and Drought Awareness Response Plans:** 2023 regional drought exercise findings will be used to update plans
- **Regional Emergency Support Function (RESF)–12:** Energy and emergency preparedness and exercises



# COG Resilience Efforts - Transportation

- **Transportation Resilience Planning Study:** Transportation Resilience Improvement Plan for PROTECT eligibility, interactive map, regional working group and eventual subcommittee, Regional Transportation Resilience Forum (October 3)
- **Green Infrastructure Guidelines and Proposed Standards:** Transportation Land Use Connections grant – Prince William County

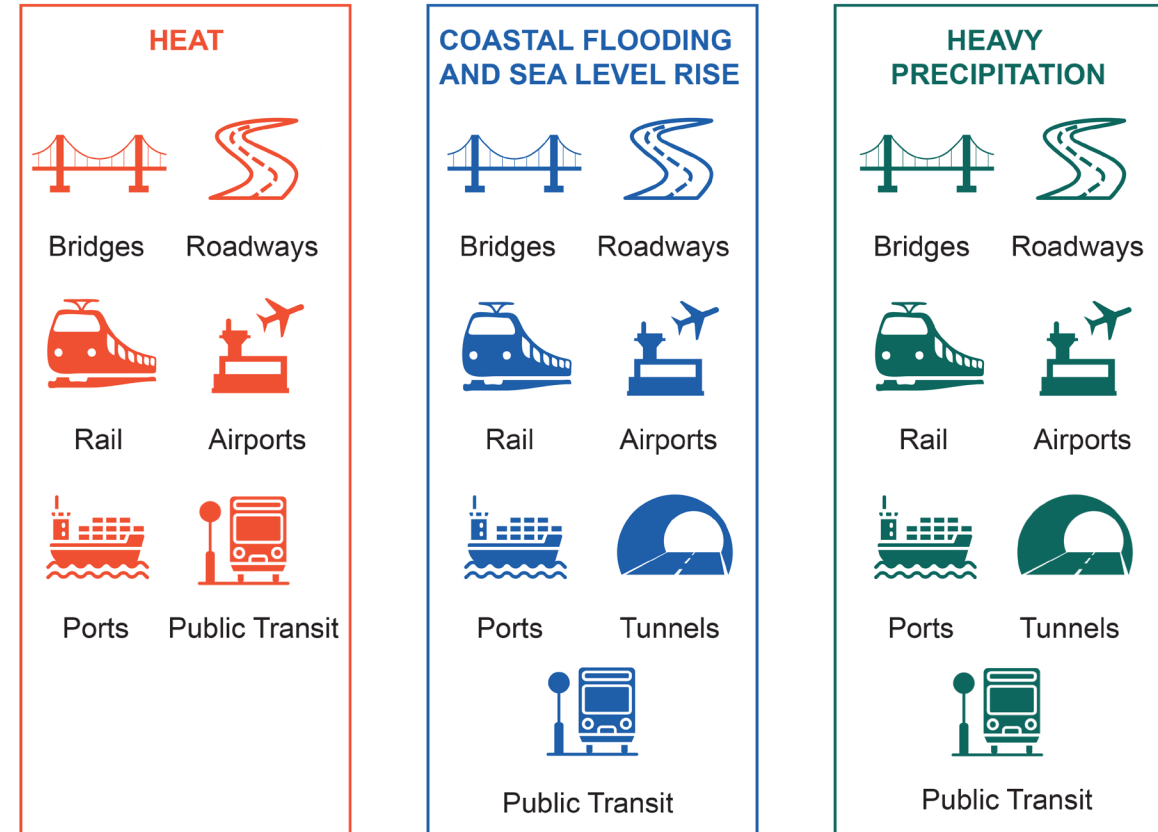


Figure: Fourth National Climate Assessment, Transportation Chapter



## Katherine Rainone

Transportation Resilience Planner

(202) 962-3283

krainone@mwkog.org

[mwkog.org](http://mwkog.org)

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777 North Capitol Street NE, Suite 300

Washington, DC 20002



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