

Overview

- **Now & Future** - MN is experiencing changes to its highly variable climate with shorter winters, fewer cold extremes, and more heavy and extreme precipitation resulting in repeated freeze-thaw cycles, a longer growing season, and new invasive species. In the future MN will face heat extremes and drought, with diminished air quality from increased wildfire smoke, higher levels of ozone & more pollen [BP#29](#)
- **Goals** - Increase Community Resilience, Protect Infrastructure, Expand Urban Forests, Sequester Carbon
- **How** - Plan and prepare for extreme weather, adapt to changing climatic conditions, and foster stronger community connectedness & social & economic vitality. [GSC BP29](#) Strengthen emergency preparedness, build resilient infrastructure, weatherize buildings, maintain tree cover, natural areas & working lands.
- **New Opportunities** [Fed IJA funds for MN](#) Water Infrastructure, Weatherization, Resilient transportation
- **Co-Benefits** - cost savings, health & well-being, community connections, soil health, storm water infiltration, habitat, carbon sequestration, recreation, agriculture, green jobs.
- **Resources** - GSC BP29 [Climate Adaptation and Community Resilience](#) MN Climate Action Framework, [Resilient Communities](#) , [Climate Smart Natural & Working Lands](#) , [Hennepin Co Natural Resources Plan Update](#)

Local Policies

Action 30. Adopt, budget for & achieve urban tree canopy coverage & diversity goals [GSC BP#16.3](#)

- Diversify trees on boulevards/city land [GSC BP16.4](#) , Provide Incentives for Tree Planting on Private Property

Action 31. Adopt a [Tree Preservation Ordinance](#) &/or [Model Landscape Ordinance](#) for a Municipal Zoning Code (GS GSC BP [3.1](#), [3.3](#), [3.5](#), [7.5](#), [10.4](#), [10.6](#), [16.5](#)) topics covered include soil and tree health, biodiversity, water infiltration, irrigation, sun and wind orientation, parking lots, and industrial buffer yards

Action 32. Protect public buildings and natural/constructed infrastructure to reduce physical damage and sustain their function during extreme weather events. [GSC BPA# 29.5](#)

- Edina [Living Streets Policy](#), [Flood Risk Reduction Strategy](#) , [Homeowner Education on Flooding & Drainage](#)

City/County Coordinated Investments

Action 33. Expanding tree canopy through coordinated county-city investments - focus on equity & heat islands

- Met Council [Growing Shade Tool](#) [Climate Vulnerability - Localized Flooding & Extreme Heat Maps](#)

Action 34. Integrating Resilience in infrastructure through coordinated county-city investments (Fed IJA Funds)

Action 35. Update & co-implement County-Wide All Hazard Mitigation (emergency preparedness) & **Natural Resources Plans** with county, cities, community based organizations

- **Address climate risks** (flooding, heat, air quality, backup power). **Preserve & restore natural resources** & manage invasive species. **Strengthen community connections** (CERT Teams, Resilience Hubs)
- **Learn about & give feedback to strengthen [Hennepin County's Natural Resources Plan](#)** during our [Oct 6, City County Climate Action Conference](#) afternoon & evening **Resilience** sessions.

Action 36. Address cumulative air quality impacts (and heat islands) **in priority areas through City-County-Community Collaboration.**

- In areas with high asthma & heart disease rates, conduct cumulative air quality impact studies and plan & implement actions to reduce point source & mobile source air pollution, electrify busses & heavy vehicles, prevent highway expansion, mitigate air pollution through tree planting and reach out to households experiencing asthma to improve indoor air quality & boost health care participation.

Resources [MPCA Air Quality](#), [MDH Air Quality, Climate & Health](#),

- [MPCA Interactive Map Areas of EJ Concern](#), [MN DOT Sustainability & Public Health](#),
- [City of Mpls Health Dept. Air Quality](#) [Minneapolis Green Zones](#), [Our Streets Minneapolis/i94](#)
- [Hennepin Co. Climate Action Plan](#) (p. 22) [Hennepin Co. Public Health Climate Action Committee](#)
- [MN EJ Table/Frontline Communities](#), [MCEA](#), [Clean Air MN](#)