

APPENDIX C: Resilience-related plan title summary

Harnessing Climate Services to Support Community Resilience Planning: Lessons learned from a community-engaged approach to assessing NOAA's National Water Model

Kristin B. Raub^{1,2*}, Joshua Laufer², Stephen E. Flynn², Shemilore Daniels², Trissha Sivalingam²

¹ Consortium of Universities for the Advancement of Hydrologic Science, Inc., Arlington, MA, United States.

² Global Resilience Institute, Northeastern University, Boston, MA, United States.

Table 7. A summary of the types of plans discussed in the context of resilience and planning as it relates to water-related vulnerabilities.

Community	Existing Water-Related Resilience Plans
Burlington	<ul style="list-style-type: none"> • <u>Local/State Hazard Mitigation Plan</u> (2019; County-wide Burlington Hazard Mitigation Plan) • <u>Climate Action Plan</u> (2020; City of Burlington) • <u>Tactical Basin Plan</u> (2019; 15 basins throughout VT) • <u>River Corridor Plan</u> (2010; state-wide) • <u>Functioning Floodplains Plan</u> (2021; state-wide) • <u>Hampton New Hampshire 2021 Master Plan Update Coastal Resilience Report</u> • <u>Vermont Lake Champlain Community Action Plan</u> (2022) • <u>Capital Improvement Plan</u> (2023; watermain, sewer, and stormwater rehabilitations) • <u>Nature Based Climate Solutions Plan</u> (2021; city-wide)
Cincinnati	<ul style="list-style-type: none"> • <u>Source Water Protection Plan</u> (2017; Ohio River Basin) • <u>Capital Investment Plan</u> (2016; infrastructure development) • <u>Local-Hazard Mitigation Plan</u> (2023; Hamilton County) • <u>Metro Transportation Plan</u> • <u>Strategic Regional Policy Plan</u> (2005, 2014; Ohio, Kentucky, Indiana) • <u>Green Cincinnati Plan</u> (2023) • <u>Watershed (Clean H2O40) Plan</u> (Kentucky Sanitation District 1)
Portland	<ul style="list-style-type: none"> • <u>Natural Hazard Mitigation Plan</u> (2017; Multnomah County) • <u>Vancouver Climate Adaptation Strategy</u> (2022, Washington State) • <u>Watershed Management Plan</u> (2005-2010; city-wide) • <u>Oregon DLCD Tsunami Evacuation Facility Improvement Plans:</u> https://www.oregon.gov/lcd/ocmp/pages/tsunami-planning.aspx • <u>Citywide Climate Action Plan</u> (2015; Multnomah County) • <u>Climate Resiliency and Recommendations</u> (City of Portland Bureau of Environmental Services, 2019) • <u>Southwest Community Growth Plan</u> (2000; Southwest Portland) • <u>Johnson Creek Restoration Plan</u> (2001) • <u>Community Wildfire Protection Plan</u> (Baker, Benton, Clackamas, Clatsop, Columbia, Coos, Crook, Curry, Deschutes, Douglas, Gilliam, Grant, Harney, Hood River, Jackson, Jefferson, Josephine, Klamath, Lake, Lane, Lincoln, Linn, Malheur, Marion, Morrow, Multnomah,

	<p>Polk, Sherman, Tillamook, Umatilla, Union, Wallowa, Wasco, Washington, Wheeler, and Yamhill counties)</p> <ul style="list-style-type: none"> • USACE Plan (2020; Portland Metro-area Levee System) • Floodplain/ Flood Emergency Resilience Plan (2023) • Green House Gas Emissions Plan (2020; state-wide) • City Comprehensive Emergency Management Plan (2021) • Tualatin Watershed Enhancement Collaborative Plan [TWEC] (2019; Cedar Mill/North Johnson Creek) • Blue River Park Wildfire Recovery Master Plan (2023) • Sea Level Rise Plan (2022; Coastal Oregon)
Charlotte	<ul style="list-style-type: none"> • North Carolina Climate Risk Assessment and Resilience Plan (2020) • North Carolina Enhanced Hazard Mitigation Plan (2023) • Multi-Jurisdictional Hazard Mitigation Plan (Mecklenburg County) • All-Hazards Plan (Carteret County, Harnett County) • Climate Risk Assessment and Resiliency Plan (state-wide) • Climate Resiliency Plan (Cumberland County) • Flood Risk Assessment and Reduction Community Guidebook (2021)
Boulder	<ul style="list-style-type: none"> • 2020 Colorado Resiliency [Framework] • Multi-Hazard Mitigation Plan (2016; Boulder County) • Colorado Water Plan (2023) • Statewide Transportation Plan (2045) • Urban Storm Drainage Criteria [Manual] • Water Utility Master Plan (City of Boulder) • City of Boulder Drought Plan (2022) • Hazard Mitigation Plan (2022; City and County of Denver) • The Keep it Clean Strategic Plan (Boulder County, Boulder, Longmont, Louisville, Lafayette, Superior, and Superior County) • Comprehensive Flood and Stormwater Master Plan (2022; City of Boulder)
Minneapolis	<ul style="list-style-type: none"> • Climate Change Vulnerability Assessment and Adaptation Plan (of the 1854 Ceded Territory; Including the Bois Forte, Fond du Lac, and Grand Portage Reservations) • One Watershed, One Plan (2016) • MN Department of Natural Resources Flood preparation, response, and recovery roles of local officials (https://www.dnr.state.mn.us/climate/floods/index.html) • Hennepin County All-Jurisdiction Hazard Mitigation Plan (2018) • Climate Action Plan (2013) • Climate Action Plan (Hennepin County) • State of Minnesota Hazard Mitigation Plan (2019) • Freshwater Strategic Plan (2020-2025)
Houston	<ul style="list-style-type: none"> • Texas State Flood Plan (forthcoming) • Texas Coastal Resiliency Master Plan (2019) • City of Rockport Comprehensive Plan 2022-2042 • Resilient Houston (2020) • Southeast Texas Flood Coordination Study (Lamar University, forthcoming)