

RESOLUTION NO. _____

A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, ACCEPTING THE CITY OF MIAMI BEACH SEA LEVEL RISE VULNERABILITY ASSESSMENT AND ADAPTATION PLAN.

WHEREAS, the City of Miami Beach ("City") has long been a leader in recognizing the threat posed by sea level rise and taking proactive actions to establish a resilient city prepared for future changes; and

WHEREAS, due to its relatively low elevation and porous geology, the City is at the forefront of experiencing the impacts of sea level rise, particularly in Southeast Florida; and

WHEREAS, the City has already begun to experience the impacts of sea level rise, including more frequent flooding of coastal roadways and low-lying areas during king tide events and more widespread ponding during heavy rainfall events; and

WHEREAS, these flooding events can cause damage to City infrastructure and private property, travel disruptions, and pose significant threats to life and safety; and

WHEREAS, future sea level rise is projected to increase the scale and severity of flooding, as coastal floodwaters become more likely to overtop existing shoreline infrastructure, and elevated water levels further reduce the effectiveness of the City's stormwater drainage systems; and

WHEREAS, to better understand the risks posed by future sea level rise, the City has conducted the Sea Level Rise Vulnerability Assessment ("Assessment"), identifying City-owned and regionally significant assets most vulnerable to various flood sources across a range of current and future conditions; and

WHEREAS, the Assessment provides critical insights to help the City prioritize assets most vulnerable to sea level rise, supporting ongoing adaptation planning efforts; and

WHEREAS, the objectives of the Assessment include identifying and prioritizing critical City assets at risk from future flood events, ensuring protection of critical assets serving the City's most socially vulnerable communities, and engaging the public and stakeholders in the process; and

WHEREAS, the Assessment is compliant with Section 380.093, Florida Statutes, which defines a coordinated statewide effort through the Resilient Florida Program to adapt communities to increased risks from sea level rise, extreme weather, and precipitation; and

WHEREAS, completion of the Assessment ensures that the City remains eligible for funding assistance for projects addressing specific flood vulnerabilities identified in the Assessment; and

WHEREAS, the City is heavily urbanized, with buildings, roadways, and impervious surfaces contributing to stormwater drainage issues, a problem projected to worsen as future sea level rise challenges the capacity of the City's stormwater infrastructure; and

WHEREAS, the City, in partnership with regional efforts such as the Southeast Florida Regional Climate Change Compact and its own Blue Ribbon Panel on Flooding and Sea Level Rise, has already implemented actions such as elevating roadways, installing stormwater pumps, and increasing seawall minimum heights to respond to sea level rise; and

WHEREAS, in 2020, the Mayor and City Commission adopted Resolution No. 2020-31315, adopting the 2019 update of the Unified Sea Level Rise Projection, Southeast Florida and further directing the City of Miami Beach to utilize the updated regionally consistent sea level rise projections for planning, design and construction purposes. Sea level rise experts project an estimated increase in sea level of approximately 10 to 17 inches by 2040; 21 to 40 inches by 2070; and 40 to 92 inches by 2120; and

WHEREAS, the Neighborhood Resilience Projects Advisory Committee met on September 18, 2024, and passed a motion supporting the existing work on sea level rise vulnerability and continued development of the City's Adaptation Plan; and

WHEREAS, on October 30, 2024, the Mayor and City Commission adopted Resolution No. 2024-33332, accepting the Sea Level Rise Vulnerability Assessment and Adaptation Plan and supporting the continued development of an Adaptation Plan that focuses on evolving conditions, providing a flexible and innovative approach to planning for the future; and

WHEREAS, the findings of the Assessment informed the development of the City's Adaptation Plan that includes strategies to integrate sea level rise adaptation into City planning, design, and operations; and

WHEREAS, the City has several existing policies, studies, and plans that detail flood protection strategies. However, the full implementation of these strategies may take decades, leaving many areas of the City at risk. To address gaps, the City's Sea Level Rise Adaptation Plan identifies additional and supplemental strategies to provide flood protection through the end of the century.; and

WHEREAS, the full report of the City of Miami Beach Sea Level Rise Vulnerability Assessment and Adaptation Plan is available at www.mbrisingabove.com/va.

NOW, THEREFORE, BE IT DULY RESOLVED BY THE MAYOR AND CITY COMMISSION OF THE CITY OF MIAMI BEACH, FLORIDA, that the Mayor and City Commission hereby accept the Sea Level Rise Vulnerability Assessment and Adaptation Plan and support the continuing efforts to establish monitoring systems and the continued work to implement the recommendations provided by the Adaptation Plan.

PASSED AND ADOPTED this ____ day of _____, 2025.

ATTEST:

Rafael E. Granado, City Clerk

(Sponsored by Commission Laura Dominguez)

Steven Meiner, Mayor

APPROVED AS TO
FORM & LANGUAGE
& FOR EXECUTION



City Attorney



Date