



Jacksonville's vision for resilience looks towards the future and embraces change. Even as the city faces new, increasing, and uncertain risks, we believe Jacksonville's best days are ahead. Jacksonville will draw from its essential characteristics as a *welcoming city*, a *water city*, and a *growing and spacious city* to build a resilient future for generations to come.

Jacksonville is developing a comprehensive city resilience strategy to guide policies, projects, and programs that will help Jacksonville prepare for, adapt to, and quickly rebound from acute shocks and chronic stresses the city may face. This strategy will be developed in consultation with city departments, relevant independent authorities, city council, the business community, stakeholder groups, and Jacksonville residents.

EVOLVING CHALLENGES REQUIRE NEW APPROACHES

Jacksonville is a rapidly growing city. Its vast land area and diverse industries, along with mainstays like the city's military bases and port, have made Jacksonville a dynamic place for businesses and residents to prosper. Jacksonville has also encountered its share of challenges in its 200-year history, and **will face new and increasing challenges in the future**; particularly those brought on by climate change. These impacts will further alter how residents experience daily life.

CITY RESILIENCE is the ability of city systems to **adapt** and **thrive** in the face of **acute shocks** (sudden, extreme events that threaten a community) and **chronic stresses** (long-term pressures that weaken the fabric of a community over time). Often, the impact of an acute shock, like a hurricane, is made worse by chronic stresses, like aging infrastructure or poverty. A resilience approach plans **holistically** for a safe and thriving future for the city's **people, economy, and physical environment**.

Jacksonville is a city that is constantly evolving and poised to adapt again to meet future challenges. Jacksonville's resilience strategy takes a **comprehensive approach** to preparing for and adapting to the shocks and stresses the city may face, including:



ACUTE SHOCKS

- Extreme Rainfall Events
- Extreme Heat Events
- Hurricanes / Tropical Cyclones
- Winter Storms / Extreme Cold Events
- Infrastructure Failure or Disruption
- Energy Insecurity / Blackouts
- High Winds
- Wildfires
- Infectious Diseases
- Cyber Attack
- Hazardous Materials Incidents



CHRONIC STRESSES

- Sea Level Rise
- High Tide Flooding
- Heavy Rainfall
- Coastal Erosion
- Saltwater Intrusion
- Groundwater Threats
- Urban Heat Island Effect
- Drought
- Aging Infrastructure
- Economic Downturns
- Social Inequality
- Lack of Reliable Transportation
- Lack of Safe and Affordable Housing
- Food Insecurity & Supply Chain Disruptions
- Lack of Healthcare Access
- Chronic and Infectious Diseases
- Poverty

The following four themes are central to Jacksonville’s vision for resilience. They set the direction of the bulleted fundamental objectives for the resilience strategy—the way we will evaluate and prioritize actions for **how** Jacksonville can become more resilient.

A RESILIENT JACKSONVILLE WILL BE A CITY THAT...



PROACTIVELY ADAPTS

Jacksonville will not only prepare for today’s risks, but also proactively adapt for the future in the face of climate change and evolving social and economic conditions.

- Minimize damage to property, infrastructure, and the environment from shocks and stresses
- Minimize negative effects of shocks and stresses on human health and well-being
- Minimize disruptions to the local economy
- Minimize disruptions to essential services



EXPANDS OPPORTUNITY

Jacksonville will support innovative businesses, a diverse economy, and quality jobs to ensure widespread, shared prosperity during periods of economic growth and to provide a strong buffer against any potential future downturns.

- Maximize economic growth and prosperity
- Minimize barriers to economic mobility
- Maximize access to safe housing and essential services



FOSTERS HEALTHY COMMUNITIES AND ENVIRONMENTS

Jacksonville will improve the health and well-being of all of its people, communities, and ecosystems, even as the city experiences increasing tolls from extreme heat, flooding, and other environmental and social stressors.

- Maximize residents’ physical and mental health
- Reduce disparities in health and well-being
- Maximize ecosystem health and ecosystem services



BUILDS FOR THE FUTURE

Jacksonville will grow in a way that anticipates the needs and risks of future decades and ensures the city remains a world-class place to live for generations to come.

- Maximize smart and equitable development in areas that are safest from future hazards
- Maximize safe, active, and connected transportation options
- Maximize the sustainability and adaptiveness of infrastructure
- Maximize the benefits from public investments in the short- and long-term

BUILDING ON YEARS OF EFFORTS TO STRENGTHEN JACKSONVILLE'S RESILIENCE

The work to develop a comprehensive resilience strategy for Jacksonville builds on many recent efforts in the wake of Hurricanes Matthew and Irma. These efforts have improved our data and understanding of the current and future risks we face and supported the initial development of policies, plans, and projects across City departments that help us prepare for and adapt to these risks.

Resilient Jacksonville brings these and other existing and ongoing efforts under a comprehensive program so that we can prioritize investments based on sound science and our community's goals for the future.

CURRENT CITY EFFORTS



- Storm Resiliency & Infrastructure Development Review Committee
- Adaptation Action Area Workgroup
- Duval County Local Mitigation Strategy
- City Council Special Committee on Resiliency
- City of Jacksonville 2030 Comprehensive Plan
- Tributary Flood Risk Modeling
- CAPA Strategies & UNF Citywide Heat Mapping Study
- McCoy's Creek Restoration Project
- Emerald Trail Master Plan
- Hogan's Creek Restoration Project

A PROCESS GROUNDED IN SOUND SCIENCE

The City is taking a rigorous, science-based approach to prioritizing actions and investments that will make Jacksonville more resilient. The vision and measurable objectives outlined on the previous page will guide decision-making on priorities in a clear and transparent manner.

As part of Jacksonville's resilience planning, the City is developing a comprehensive risk and vulnerability assessment that will provide detailed and actionable data on the vulnerabilities of Jacksonville's people, infrastructure, and economy to various shocks, including flooding, heat, wind, and wildfires.

Key stakeholders inside and outside city government will support the development of resilience opportunities, which will be evaluated and prioritized based on how they measurably address risks and achieve our objectives. The final resilience strategy will include a set of implementable actions for achieving Jacksonville's vision for resilience despite the risks we face.

