

CLIMATE RESILIENCE

FULTON COUNTY



CLIMATE STRESSORS

EXTREME HEAT



BY THE END OF THE CENTURY, FULTON COUNTY WILL EXPERIENCE APPROXIMATELY 31 DAYS A YEAR WITH A MAXIMUM TEMPERATURE OVER 100 DEGREES FAHRENHEIT

INCREASED FLOODING



WITH AN INCREASE IN SEVERE WEATHER EVENTS, MORE FLOODING IS EXPECTED IN FULTON COUNTY'S STREAMS, RIVERS, AND STORMWATER MANAGEMENT SYSTEMS

AIR POLLUTION



IN 2023, FULTON COUNTY HAD 10+ UNHEALTHY AIR QUALITY DAYS. IF THE COUNTY EXPERIENCES MORE UNHEALTHY AIR QUALITY DAYS, THERE COULD BE AN INCREASE IN RESPIRATORY CONDITIONS

WHAT IS CLIMATE RESILIENCE?

THE U.S. CLIMATE RESILIENCE TOOLKIT DEFINES RESILIENCE AS “THE CAPACITY OF A COMMUNITY, BUSINESS, OR NATURAL ENVIRONMENT TO PREVENT, WITHSTAND, RESPOND TO, AND RECOVER FROM A DISRUPTION.”

WHAT DOES THIS MEAN FOR FULTON COUNTY?

Extreme Heat	Increased Flooding	Poor Air Quality
Increased risk of death by heat stroke	Injuries caused by flash floods	Damage to cardiovascular system
Damage to roads, infrastructure, and the power grid	Emergency service and ambulance delays	Increased rates of asthma in children
Potential for power outages leading to worsened conditions	Damage to homes, businesses, and vehicles	Long term exposure can lead to birth defects and cancer

WHAT CAN THE COUNTY DO?

COOLING CENTERS, SHADE STRUCTURES, & RESILIENCE HUBS

- Reduce risk from heat exposure
- Support the community during hazards

DEVELOP STORMWATER INFRASTRUCTURE

- Green infrastructure decreases flooding and improves water quality
- Riparian Buffers stabilize riverbanks, reduce flood risk, and provide habitat for wildlife

INCREASE GREEN SPACES

- Decrease temperatures and provide shaded tree canopy
- Absorb stormwater and reduce runoff
- Absorb dangerous pollutants

DEVELOP COMMUNITY GARDENS

- Enhance food security and promote healthy eating
- Absorb stormwater that could cause floods