



# City of San Antonio

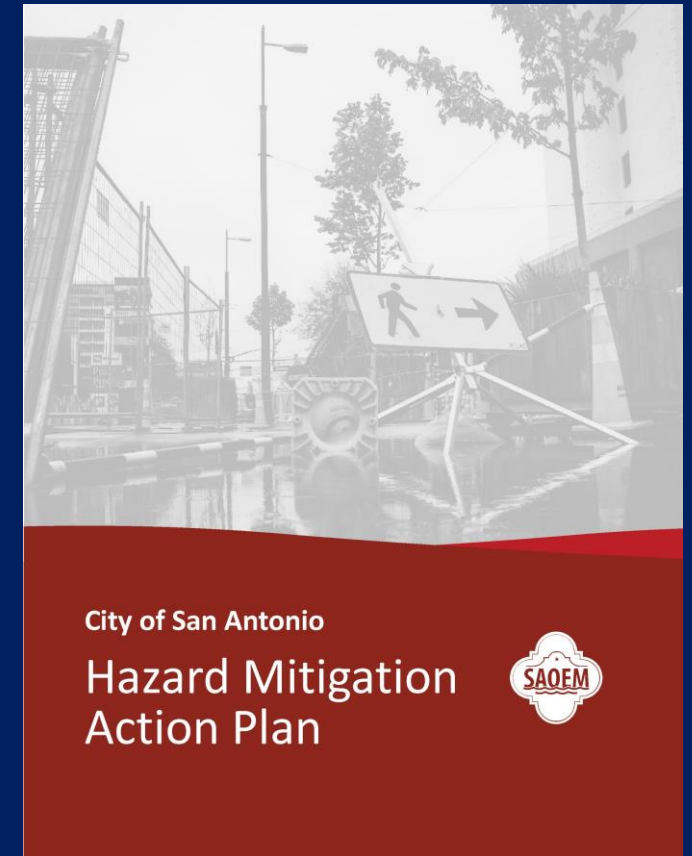
## Hazard Mitigation Action Plan Update



City Council A Session – Item 26  
November 3, 2022  
Presented by: Deputy Chief Bryan Norris

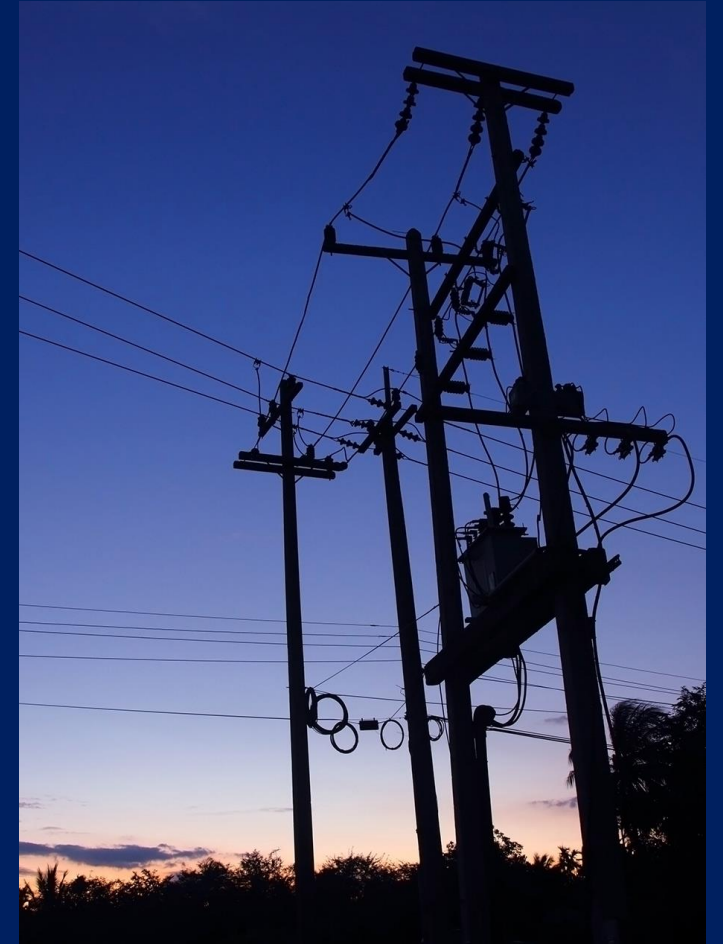
# Hazard Mitigation Plan

- Hazard mitigation is defined as actions taken to reduce the effects of natural hazards on a community and its population
- The Hazard Mitigation Plan identifies goals, objectives, and proactive measures to enhance the City's long-term sustainability, by addressing both natural and technological hazards
- State, tribal, and local governments are required to develop a hazard mitigation plan as a condition for receiving FEMA mitigation funding



# Background

- The Hazard Mitigation Plan (HMP) was adopted by City Council in October 2021
- City Council requested amendments to include:
  - A review of the winter weather hazard profile
  - A review of the hazard risk ranking
  - The integration of climate change and how it impacts our hazard profiles
  - Perform community engagement
  - Overall plan reformatting



# Winter Weather Hazard Profile

- Conducted interviews with key stakeholders to gather information related to Winter Storm Uri
- Updated Winter Weather Profile to include impacts and costs experienced by the City of San Antonio
- Used information to update hazard ranking



# Hazard Risk Ranking

- The Planning Team implemented a new risk ranking methodology using five metrics
  - **Hazard Probability** - How likely a hazard event is to occur
  - **Generalized Severity** - How significantly a hazard impacts the overall San Antonio community
  - **Acute Severity** - How significantly a hazard impacts vulnerable populations
  - **Climate Change** - How climate change may exacerbate hazard conditions
  - **Community Concern** - Community perception of hazard risk

# Final Hazard Ranking



Drought



Extreme Heat



Flood



Wildfire



Winter Storm



Cyber Attack



Hazardous Materials



Infectious Disease



Pipeline Failure



Terrorism



Dam Failure



Expansive Soils



Extreme Wind



Hail



Lightning



Technological Disruption



Tornado

High Risk

Medium Risk

Low Risk



# Climate Change Integration

- Integrated existing the San Antonio Climate Ready Action and Adaptation Plan
- Involved the Planning Team and climate subject matter experts to provide input and guidance
- Leveraged climate change data to update hazard profiles



# Community Engagement

- SASpeakUp Survey
  - Survey open from July 14<sup>th</sup> to August 31<sup>st</sup>
  - Input gathered on which hazards are of concern to the community
  - 520 participants
- 42 Outreach Events
  - Council Districts, HOA's and Neighborhood Associations
  - Neighbors Helping Neighbors Community Event
  - CoSA Disability Access Advisory Committee (DAAC)
  - United Way 211 Spotlight
  - CoSA Faith Based Initiative - The Intersection: Congregations & Resilience Hubs
  - Summer Youth Program



# Next Steps

- City Council approves amendment
- Amendments are forwarded to the Texas Department of Emergency Management and the Federal Emergency Management Agency for review and approval
- Plan Maintenance
  - Planning Team will meet biannually to monitor and evaluate mitigation actions and review hazards
  - Continue public involvement/awareness through regular SAOEM public outreach



# Staff Recommendation

- City Council approves this resolution to adopt the amended Hazard Mitigation Action Plan



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