



# CHESAPEAKE BAY COMMISSION

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CITY OF ANNAPOLIS



# MAYOR GAVIN BUCKLEY

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CITY OF ANNAPOLIS

# THE CITY OF ANNAPOLIS

- Historic city on the banks of the Chesapeake Bay
- Maryland's Capital City
- Chartered in 1649
- Seven square miles
- 39,000 residents
- Municipalities are important and they must be enabled to work their own solutions



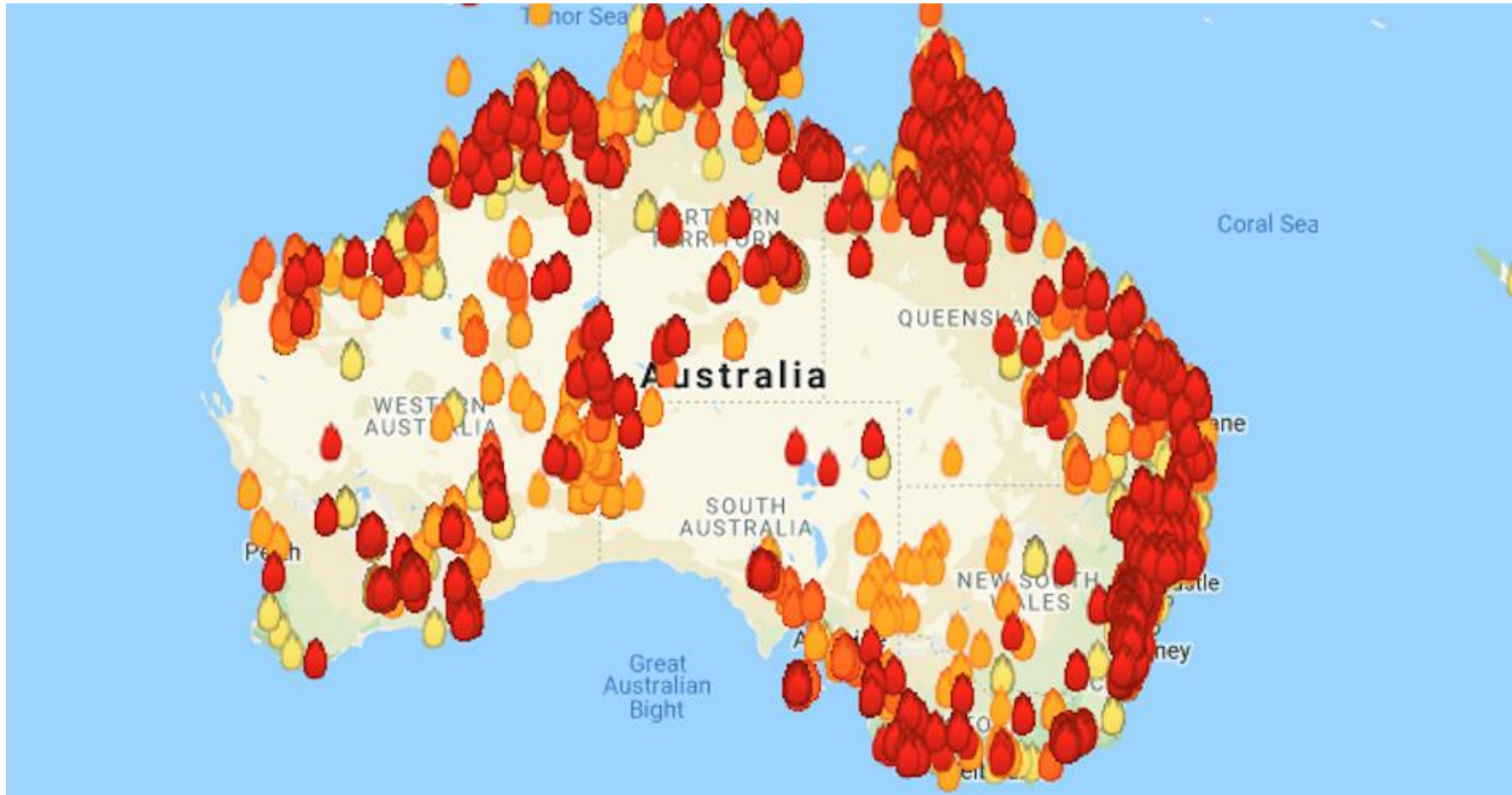


# CITY OF ANNAPOLIS ENVIRONMENTAL INITIATIVES

- Tree Canopy
- Zero Net Loss
- Styrofoam Ban
- Plastics Campaign
- Stormwater Management
- Green Space
- Multimodal Infrastructure/  
Greenways
- EV Charging Stations
- Stream Restoration
- No Discharge Zone
- Reduce Impervious Surface



# CLIMATE CHANGE: A BIG DEAL EVERYWHERE



# IN ANNAPOLIS: ONGOING TIDAL FLOODING



- More Frequent
- More Intense
- Flood Days Per Year
  - 1969 – 3.8
  - 2013 – 38.5
  - 2019 – 52
  - 2065 – 365



# RECOGNIZING THE THREAT

## ANNAPOLIS:

- **Stanford Study**

April 2019: What impact on small business and government revenue does ongoing flooding have?

- **NOAA**

October 2019: Recognizing the threat and working with Cities like Annapolis and Ellicott City to mitigate flooding events.



# SOLUTIONS: SHORT-TERM



Install sump pumps  
and backflow  
preventers



# SOLUTIONS: MID-TERM



Install heavy duty pumps and ensure that residents and businesses are aware of ways to prepare for, prevent, and mitigate flood damage.

# SOLUTIONS: LONG-TERM





# CITY DOCK ACTION GROUP: PREVIEW





# HOW CAN WE PAY FOR IT?



## Public Private Partnerships

- Capitalize on private investment through public-private partnerships
- Hillman Garage



## Federal Resilience Grants

- HUD
- EPA
- FEMA
- USDA
- NOAA
- Department of Energy



## Department of Defense

- Military Installation Resiliency Planning
- Defense Communities Act
- U.S. Naval Academy

# THE ANSWER LIES IN COLLABORATION

with

- ✓ City Elected Officials
- ✓ County, State & Federal Elected Officials
- ✓ City Department Heads And Personnel
- ✓ Businesses and Residents



**JANUARY 14  
3 TO 5 PM**

**CITY DOCK ACTION  
COMMITTEE REPORTS TO  
ANNAPOLIS CITY COUNCIL**

**TUNE IN!**





THANK YOU!

