



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

**AGENDA: 17**

# **2021-2023 Work of the Advisory Council and Letter of Endorsement**

**Board of Directors Meeting  
September 20, 2023**

**Dr. Gina Solomon, Chair  
Air District Advisory Council**

# 2019–2020 PM Symposium Series



## TIMELINE



# 2021–2023 Work of the Advisory Council



## TIMELINE



# What does the methodology do?



- **Estimates local health risks from PM<sub>2.5</sub> exposure**
  - PM<sub>2.5</sub> has broad impacts on human health
  - Version 2.0 covers adult mortality and pediatric asthma onset
- **Patterned on long-standing methods used for addressing potential health risks posed by toxic air contaminants (TACs)**
  - Protective of most exposed and sensitive groups
  - No safe threshold within expected PM<sub>2.5</sub> levels

# How can the methodology support Air District work?



- This methodology can:
  - **Fill an important gap in the Air District's toolbox**
    - *Impacts from toxic air contaminants (TACs) are regulated by the Air District at a local level, from individual sources, on the basis of health risk*
    - *Currently, there is no comparable tool for  $PM_{2.5}$ , the most important health risk driver in Bay Area air quality*
  - **Support risk-based assessment, regulation, and/or guidance for local  $PM_{2.5}$  impacts**

# Acknowledgements



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# Acknowledgements (cont.)



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