

# MATESIII Proposed Dispersion Modeling

MATES III Technical Advisory  
Group Meeting  
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# Proposed MATES III Modeling

- **Regional Modeling**

- UAM-TOX (Baseline analysis)

- Evaluate CAMx, CMAQ, CALGRID

- MM5 prognostic meteorological model

- CALMET/ETA 12 Km diagnostic  
meteorological model

- 2 km grid (60 X 105)

- **Microscale Point Source Modeling**

- ISCST3 (Primary)

- Meteorology extracted from CALMET

- Sub-grid scale (m)

# Tasks

- Evaluate Modeling Tools for Point Sources  
Other Regional Sources
- Prepare Meteorological Inputs for the Modeling  
Analysis
- Develop Modeling Protocol
- Model Evaluation and Application
- Risk Calculation
- Data Presentation