

# AERMOD Implementation Workgroup Update

Erik Snyder (Region 6)

James Thurman (OAQPS)

# AERMOD Implementation Workgroup

## NO<sub>2</sub> & SO<sub>2</sub> focus

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- Formed in 2011
- Comprised of members from states and territories, local agencies, EPA regional offices, and OAQPS
- Understand and inform users of permit modeling issues with the new 1-hour NO<sub>2</sub> and SO<sub>2</sub> NAAQS
- Model example sources of NO<sub>2</sub> and SO<sub>2</sub> using existing and newly issued guidance
- Co-chaired by Erik Snyder (R6) and James Thurman (OAQPS)

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- Initial report out of single source modeling at 2011 R/S/L workshop in Atlanta
- Summary report of results provided at 10<sup>th</sup> Modeling Conference in March 2012
  - [http://www.epa.gov/ttn/scram/10thmodconf/review\\_material/AIWG\\_Summary\\_v2.pdf](http://www.epa.gov/ttn/scram/10thmodconf/review_material/AIWG_Summary_v2.pdf)
- Cumulative modeling results also presented at 10<sup>th</sup> MC and 2012 R/S/L workshop in Chicago

# AIWG – Next steps?

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- Develop new subgroups
  - NO<sub>2</sub> issues
    - NO<sub>2</sub>/NO<sub>x</sub> in-stack ratios
      - Provide input to ISR database managed by Chris Owen
    - Offer recommendations on ozone inputs to AERMOD
      - Fill in missing hours, use of seasonal averages, etc.
  - Background concentrations (multi-pollutant) and multi-source modeling
  - Others?

# This sounds great, how do I join?

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- Contact Erik Snyder or James Thurman
  - [snyder.erik@epa.gov](mailto:snyder.erik@epa.gov)
  - [thurman.james@epa.gov](mailto:thurman.james@epa.gov)