



WRAP Staff Report

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March 10-11, 2004

Fire Emissions Joint Forum Meeting



Technical Summit & Modeling Workshop

■ Technical Summit – January 26-27

- Discuss each Forum's deliverables and schedule for 2004 technical work
- Review ideas for technical data and analyses needed for reasonable progress demonstrations
- Discuss Attribution of Haze project

■ Modeling Workshop – January 28-29

- Review 2003 work completed
- Demonstrate new technical tools (source apportionment, QA checklist, windblown dust EI/model, 2002 MM5 meteorological modeling)
- Review planned WRAP RMC 2004 workplan
- Review modeling plans of other RPOs

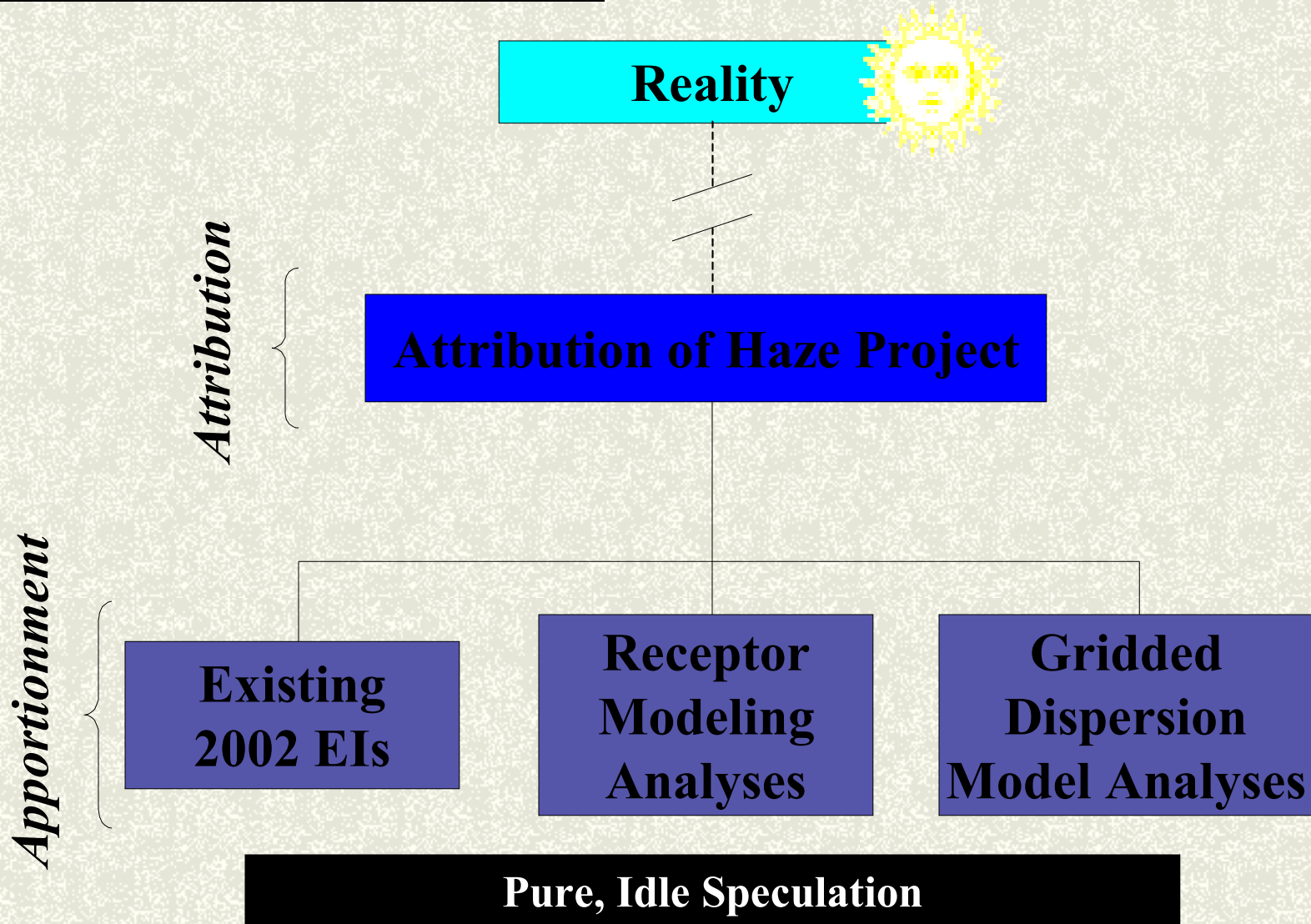


April WRAP Board Meeting

- **April 6-7 – Tempe Missions Palms Hotel**
 - **Discuss Stationary Source issues**
 - **Workgroup from 2/18-19 SSJF meeting to develop options for Board considerations**
 - **Issues**
 - **Extend EPA IAQR to West for Regional Haze?**
 - **List of questions**
 - **Pros and cons of IAQR extension versus WRAP-developed program for stationary sources**
 - **BART**

Attribution of Haze Project

Conceptual Model





2004 AoH Project Data Sources

- Source apportionment modeling simulations from the Regional Modeling Center
- Receptor-oriented source contribution analyses of aerosol and meteorological monitoring data from the Causes of Haze Assessment project
- Existing and refined emissions inventories from the Dust, Emissions, and Fire Forums
- Special-purpose source attribution studies such as BRAVO, et cetera
- EPA technical guidance documents and analyses
- Journal publications, and workshop/conference reports addressing emissions and visibility impairment



2004 AoH Project Deliverables

■ Identify:

- Geographic source areas of emissions that contribute to impairment at each mandatory federal and tribal Class I area
- Mass and species distributions of emissions by source categories within each contributing geographic source area
- The amount of natural and manmade emissions affecting each Class I area



2004 AoH Project Deliverables

■ Provide:

- Documentation of the assumptions, methods, and uncertainties used in the integrated analyses of modeling, monitoring, and emissions data.
- Succinct, clear summaries for policymakers, of the estimated areas and sources of impairment for each Class I area, including the associated uncertainty



Schedule

■ January – March

- Organizational meetings – phone/in-person
- Develop scope of work for contractor support + hire

■ April – June

- Review/discuss existing source attribution studies (BRAVO, et cetera)
- Contractor to identify data available for AoH project

■ July – September

- Review/discuss work products from RMC, CoHA, and EIs
- Assign expert review topics



Schedule

■ October – December

- Continue review/discussion of work products from RMC, CoHA, and EIs
- Review/discuss draft reports from expert reviewers
- Review first draft of AoH report prepared by contractor

■ January 2005

- Publish final 2004 AoH report
- Make plan for subsequent workgroup activities



Dust Emissions Joint Forum

- **Discussed at 2/24-25 DEJF Meeting**
- **Gather opinions through survey, then move to policy workshop(s)**
- **Natural and anthropogenic definitions**
 - **Drafts of “dust” and “fugitive dust”**
 - **Purpose of policy**
 - **Definitions table**