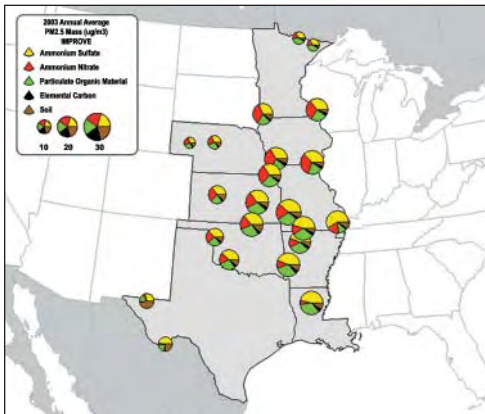


Regional Planning Organization Support

Air Resource Specialists provides comprehensive technical and policy support for regional planning organizations (RPOs) at the state, regional, and national level.



Regional Haze Rule

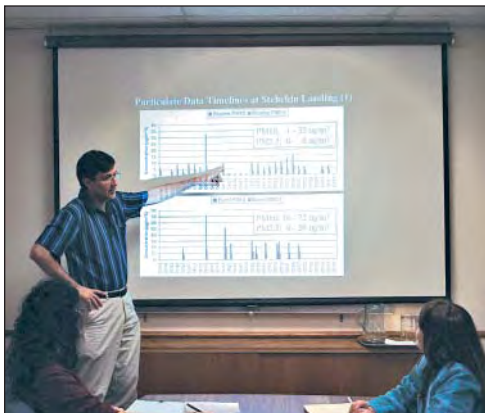
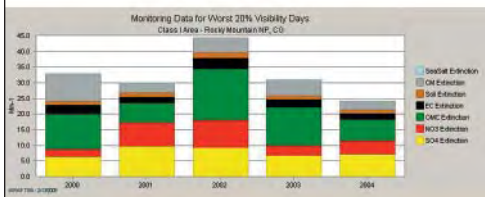
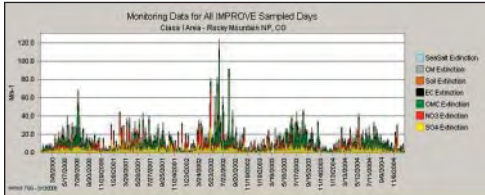
Technical and policy support for the national RPOs, states, and tribes:

- Data analyses and interpretation required for regional haze implementation plans and tracking progress under EPA's Regional Haze Rule
- Web site and tool design for managing and analyzing regional haze monitoring, modeling, and emissions inventory data sets
- Spatial and temporal characterizations of aerosol mass and extinction from IMPROVE data
- Analyses of aerosol vs. measured extinction
- Attribution, sensitivity, back trajectory, area of influence, and cluster analyses
- Data gap analyses and recommendations

Visibility and Air Quality

Technical and policy support for regional, state, and urban visibility issues:

- Development of visibility and air quality standards
- Design, installation, and operation of targeted urban and rural/wilderness special studies
- Monitoring of visibility, ambient air quality, and meteorology
- Analyses and interpretation of visibility and air quality data
- Human perception of visibility studies
- Consultation with agencies regarding existing visibility and air quality issues and policies
- Development and application of visibility models including computer image simulations of visibility impairment



Associated Services

- Effective communications with scientists, policy makers, and the public
- Technical writing (reports, presentations, conference or journal papers)
- Analytical tool development
- Web site development and hosting
- Visibility and air quality research and monitoring programs
- Development of air quality and visibility databases



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