

Overview of EPA Advanced Monitoring Initiative (AMI) Air Quality Projects

**NASA Air Quality Team Meeting:
Project Status & Program Planning
June 20, 2007**

Ed Washburn, Co-Chair of EPA GEO

AMI Background

- FY06 ORD Budget Planning (2004)
 - Reprogrammed ~\$5M as AMI in FY06
- GEOSS Strategies Released (2005)
- EPA Science Policy Council
 - Established EPA GEO
- Internal Process for AMI Projects (2006)
 - FY06 -76 Two-Pagers; 22 Peer Reviewed; 17 Funded (12 Focused on Air Quality)
 - FY07- 60 Two-Pagers; 42 Peer Reviewed; 17 Funded (6 Focused on Air Quality)



AMI Air Quality Projects

- Particulate Matter, Nitrogen Oxides, Ozone, Nitrogen & Sulfur Deposition, Air Toxics, and Mercury
- Decisions on Air Pollutant Source Apportionment & Control Strategies, State Implementation Plans, Air Quality Assessment & Accountability
- Understanding Air Pollutant Fate and Transport for More Targeted Control Strategies, Better Predictions



AMI Future

FY08 Strategic Directions

- **Air Quality Decision Making**
- Water Quality Decision Making
- Integrated-Media Decision Making
- Information Technology
- Capture Lessons Learned; Build Knowledgebase; Institutionalize AMI Pilot Project Successes
- Highlight Air Quality at EOS IV in Cape Town, South Africa, November 30, 2007

