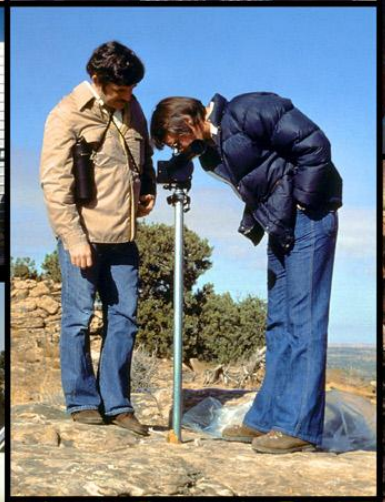
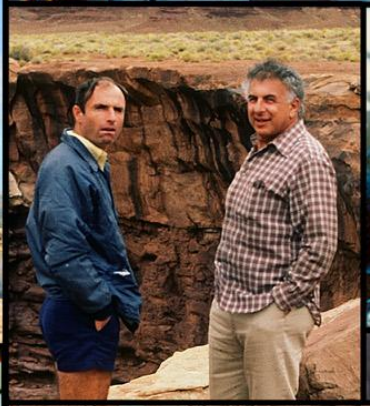
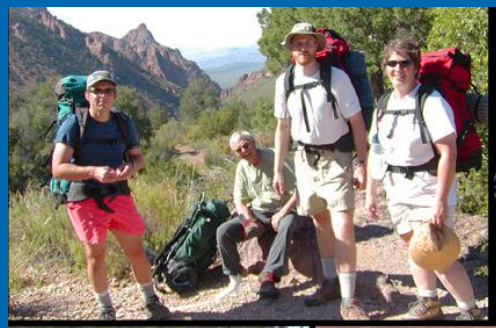
IMPROVE PROGRAM

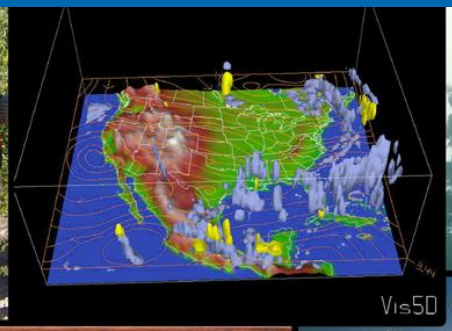
PEOPLE AND THINGS

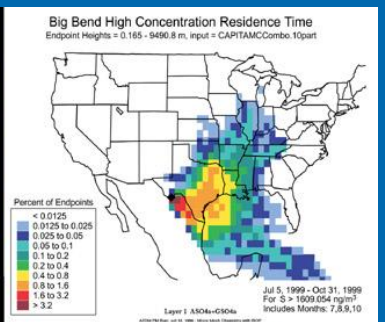
LAKE POWELL PROJECT
AIR QUALITY SUBPROJECT
MUSEUM of NORTHERN ARIZONA

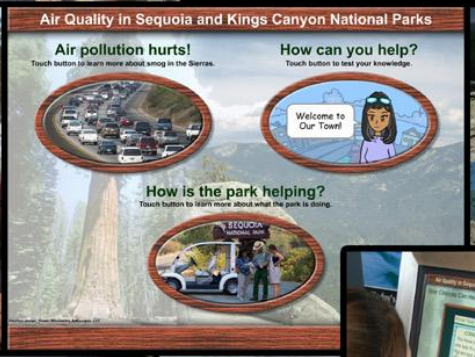




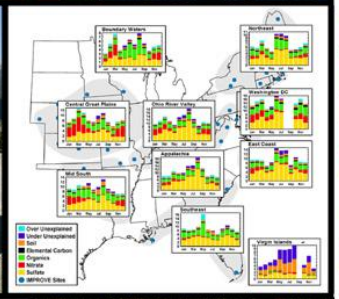


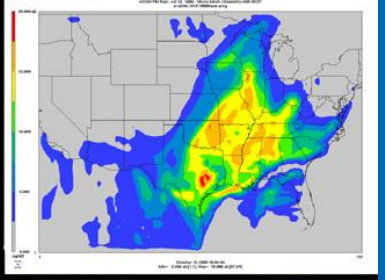

Vis5D

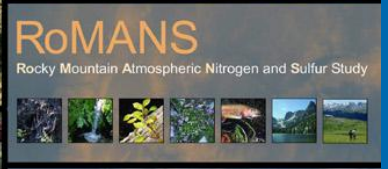

Big Bend High Concentration Residence Time
Endpoint Heights = 0.165 - 9490.8 m, input = CAPITAMCCombo.10part
Percent of Endpoints
< 0.0125
0.0125 to 0.025
0.025 to 0.05
0.05 to 0.1
0.1 to 0.2
0.2 to 0.4
0.4 to 0.8
0.8 to 1.6
1.6 to 3.2
> 3.2
Jul 5, 1999 - Oct 31, 1999
For S > 1609.054 ng/m³
Includes Months: 7,8,9,10


Air Quality in Sequoia and Kings Canyon National Parks
Air pollution hurts!
Touch button to learn more about smog in the Sierras.
How can you help?
Touch button to test your knowledge.
Welcome to Our Town!
How is the park helping?
Touch button to learn more about what the park is doing.
SEQUOIA NATIONAL PARK

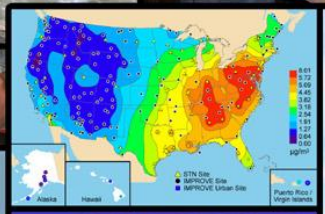
Calendar
IMPROVE
Interagency Monitoring of Protected Visual Environments

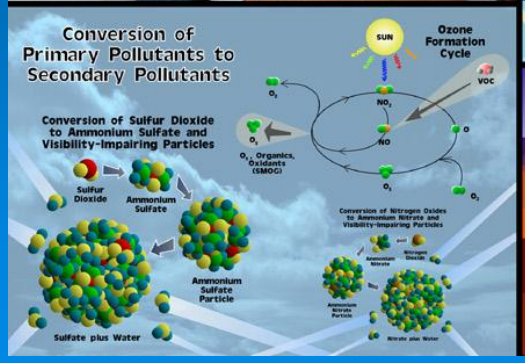


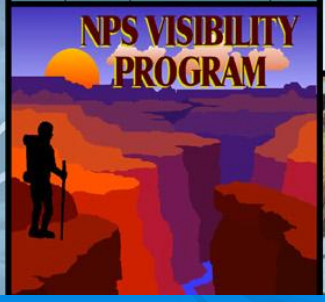


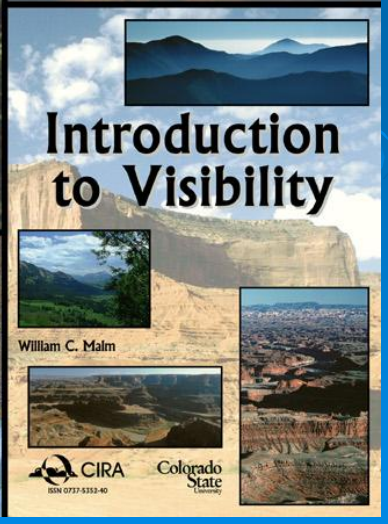

RoMANS
Rocky Mountain Atmospheric Nitrogen and Sulfur Study

Air Quality at Great Smoky Mountains National Park
Touch to Explore
Shrinking Views
Touch to Explore
Acid Overload
Touch to Explore
Ozone Pollution
Touch to Explore
Finding Solutions




Conversion of Primary Pollutants to Secondary Pollutants
SUN
Ozone Formation Cycle
VOC
Conversion of Sulfur Dioxide to Ammonium Sulfate and Visibility-Impairing Particles
Sulfur Dioxide
Ammonium Sulfate
Ammonium Sulfate Particle
Sulfate plus Water
Conversion of Nitrogen Oxides to Ammonium Nitrate and Visibility-Impairing Particles


NPS VISIBILITY PROGRAM


Introduction to Visibility
William C. Malm
CIRA
Colorado State University
ISSN 0737-5352-40

NATIONAL
PARK SERVICE
46

Level 1
Visual Air Quality
Modeler
WinHaze 2.9.0
Containing 101
National Park, Wilderness
and Urban area scenes
WinHaze Version 2.9.0
September 26, 2002

PIXE DETECTOR
PESA DETECTOR
SEEM
RBS DETECTOR
Beam Line 1-C Area
Quadrupole Focusing Magnet
Beam Collimator and Target Box
Vacuum Valve
Resonator Tank
Vacuum Leak Detector
Beam Line #0 Area
Medical Isotope Production Block
Beam Line
North Cave Experimental Area
Beam Line 1-A Area
Particle Detection Electronics