

Using Google Earth™ to Access and Display Air Pollution Data

17th Annual Emissions Inventory Conference
June 5, 2008

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Background

Purpose

- Provide a method to overcome current web page problems
- Provide information in easy-to-use format
- Provide direct link to data

Background

Previous “high-level” emissions pages on our web site...

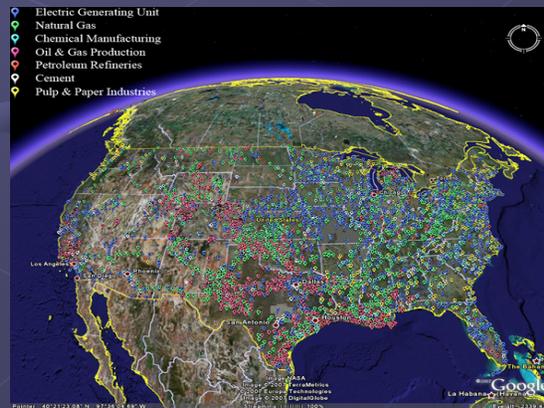
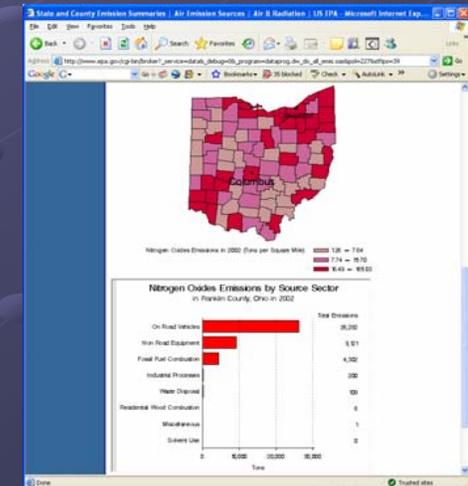
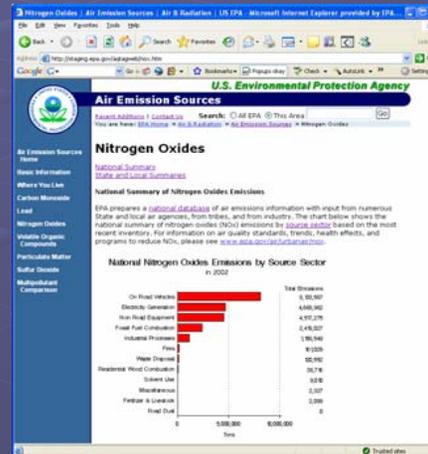
- Do not provide data in an “easy-to-use” format
- Do not answer some of the most common questions
- Do not provide the spatial, temporal, or sector-specific resolution many people need

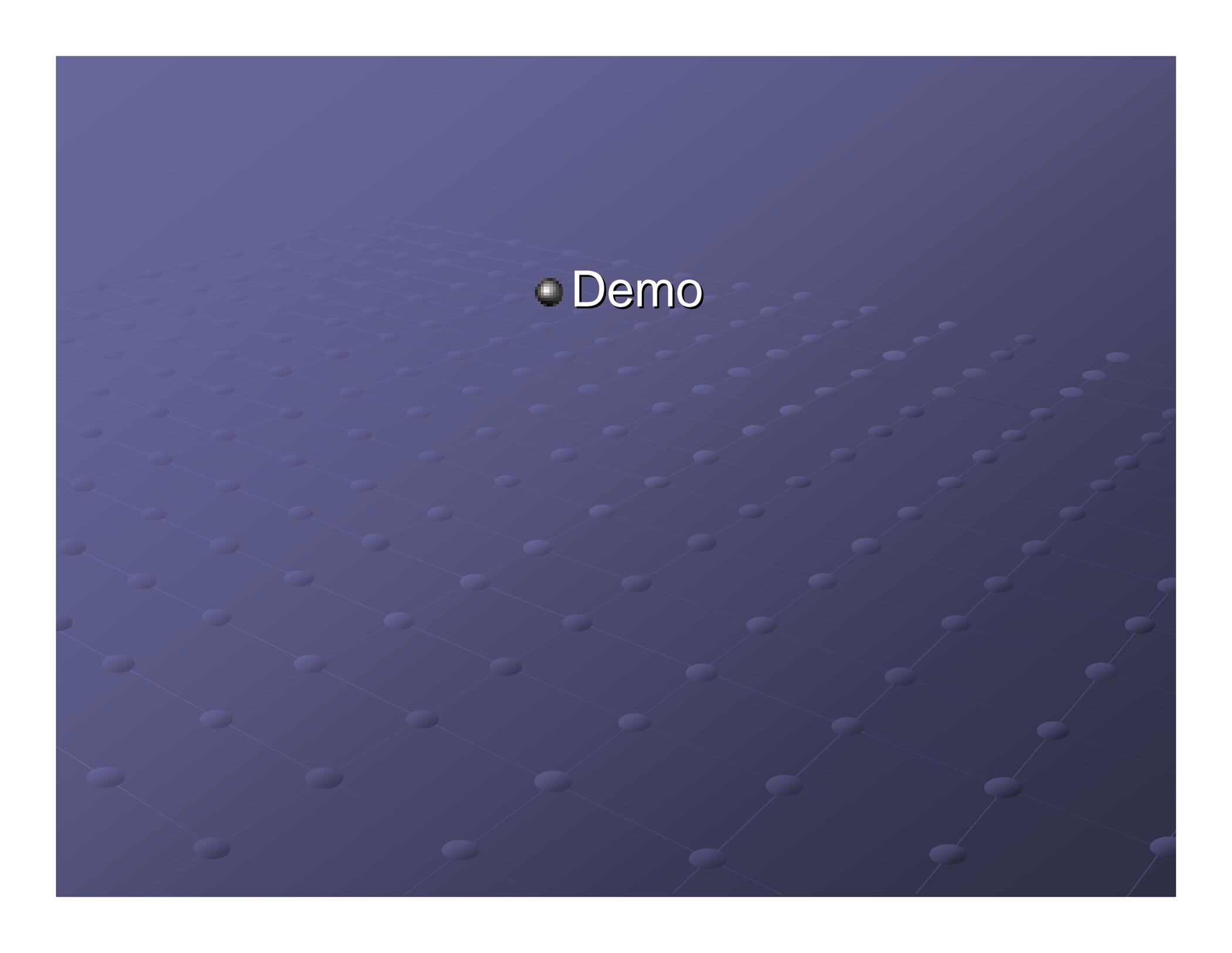


Background

How are we changing that?

- Linking the site directly to the data, providing...
- National, state, and local summaries
- Source category detail not previously available
- Geospatial access not previously available



The image features a dark blue background with a 3D grid of light blue spheres. The spheres are arranged in a perspective view, receding into the distance. In the center of the grid, the word "Demo" is written in a white, sans-serif font. To the left of the text is a small, dark sphere with a white highlight, resembling a ball or a planet.

● Demo

How it Works

SAS/IntrNet – What is it?

- Component of SAS that enables dynamic access to programs and data via the Web
- Anything you can program in SAS can be output to Web browser/Google Earth
- Users don't need to have SAS or know how to use SAS

What's next?

- Include methodology for representing HAPs
- Incorporate non-point emissions (mobile, non-mobile, area, etc.) as well as other point sources (fires)
- Develop maps for multi-pollutant analysis
- Produce various visual aids for quick understanding of emissions at a glance
- Provide various geographical layers (non-attainment, Class I, tribal, etc)

Conclusions

How do we expect to benefit?

- Easier access to emissions information
- Information in easy-to-use formats
- Ability to answer more questions
- Site easier to maintain
- Efficient use of our data systems
- Saves staff time and resources