

Information Visualization Using Google Earth

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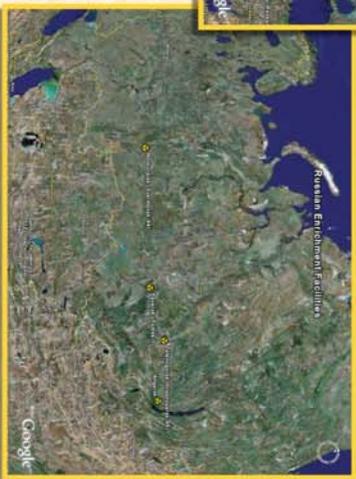
World Nuclear Facilities List



- Finding and marking nuclear facilities in Google Earth

• Categorizing facilities

- Purpose
 - Power reactor
 - Enrichment facility
 - etc.
- Status
 - Under construction, operating, or shutdown
 - Safeguarded or unsafeguarded
 - etc.



Advanced Features

- Image overlays
 - Import your own maps, graphics, or satellite imagery
- Paths & polygons
 - Draw in missing buildings
 - Outline specific portions of facilities
- NetworkLinks
 - Automatically update Google Earth files from local server



High - Resolution Facility Images



- Visualizing facility in geographic context

• Documenting staff travel

- Links to trip reports
- Site orientation and preparation for travel
- Facility notes
- General information
- Sharing experience and knowledge with group members



Other Uses...

- Documenting on-site activities (e.g., environmental sampling)
 - Visualize how sample sites relate spatially
- Import sample site coordinates directly from GPS device
- Proposal and presentation tool
 - Visualize proposed site infrastructure modifications and upgrades



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