

Satellite Imagery at your Finger

Aldo Plascencia

**U.S. Department of the Interior
Office of Surface Mining Reclamation & Enforcement**

Esri Federal GIS Conference

February 22, 2012

TIPS

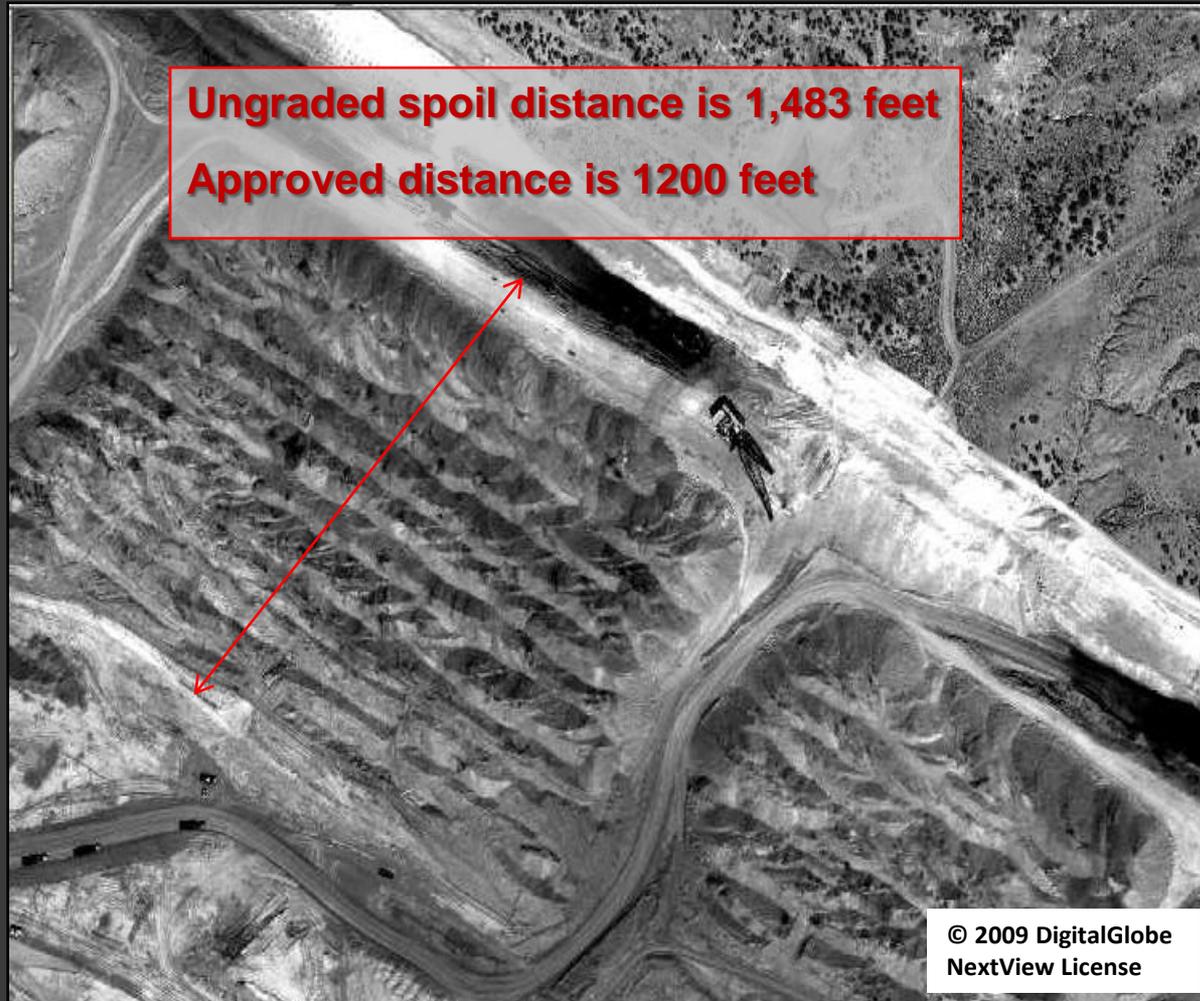
The Office of Surface Mining (OSM) Technical Innovation and Professional Services Team (TIPS) provides geospatial support to other OSM offices, States, and Indian Tribes.



OSM Commercial Imagery Uses

- Feature Extraction
- Vegetation Mapping and Analysis
- Change Detection
- Contemporaneous Reclamation

Contemporaneous Reclamation



Partnership



- Interagency partnership between
 - National Geospatial-Intelligence Agency (NGA)
 - U.S. Geological Survey (USGS) and
 - Office of Surface Mining Reclamation and Enforcement (OSM)
- EnhancedView contract includes federal civil agencies



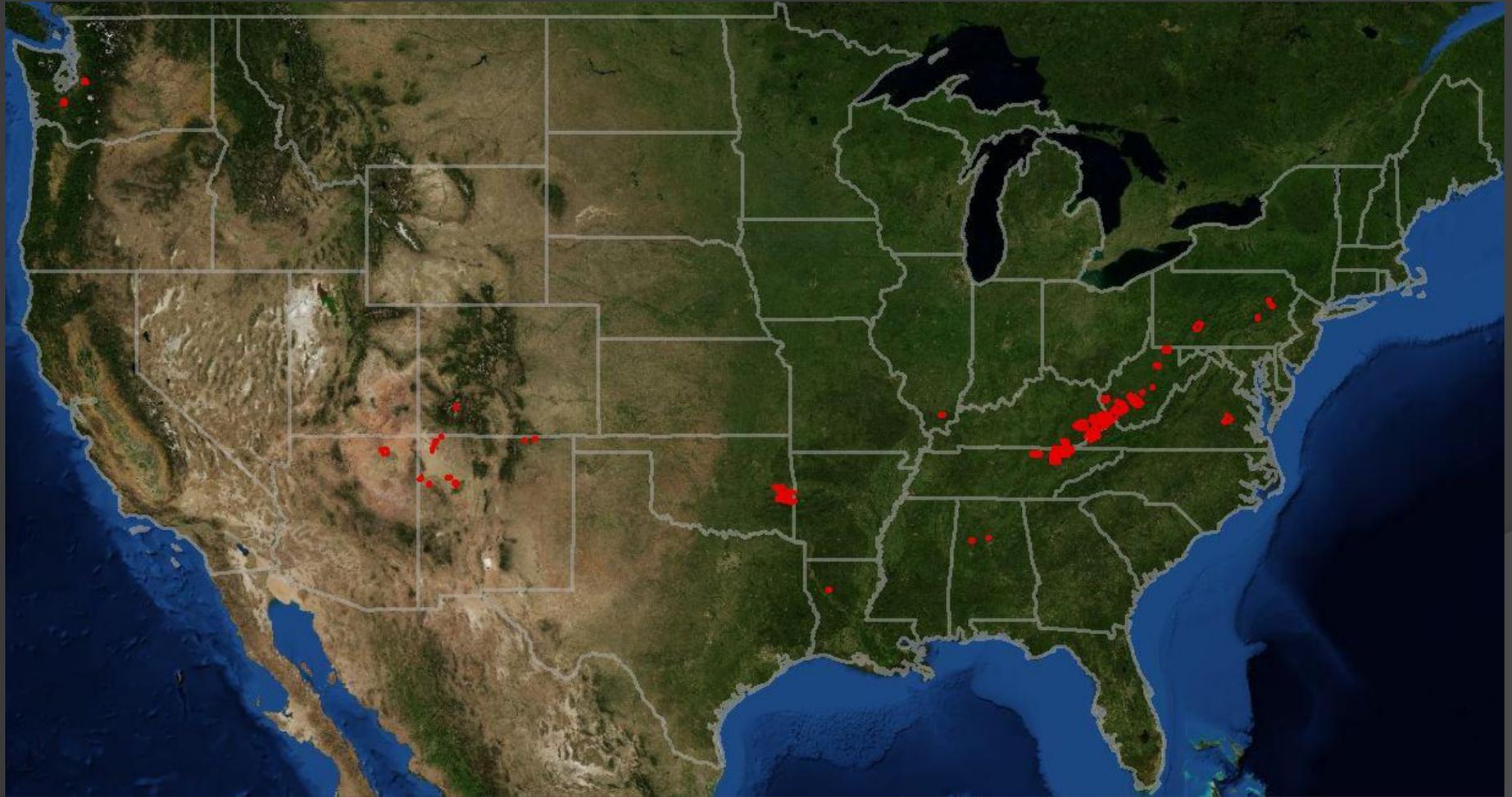
Rapid Response Ortho Program

- ⦿ Provides commercial satellite imagery
- ⦿ Orthorectified and Pan Sharpened
- ⦿ Satellite sensors:
 - QuickBird-2
 - WorldView -1 & 2
 - IKONOS
 - GeoEye-1

Benefits of the RRO Program

- Saves personnel time in conducting image acquisition
- Saves processing time in orthorectifying imagery
- Bulk image buys for federal civil agencies through the EnhancedView contract

Acquired commercial satellite imagery through RRO



NGA RRO Contacts

- ◎ Von Riggs
 - Von.S.Riggs@nga.mil

- ◎ Todd Kuhlman
 - Tood.L.Kuhlam@nga.mil