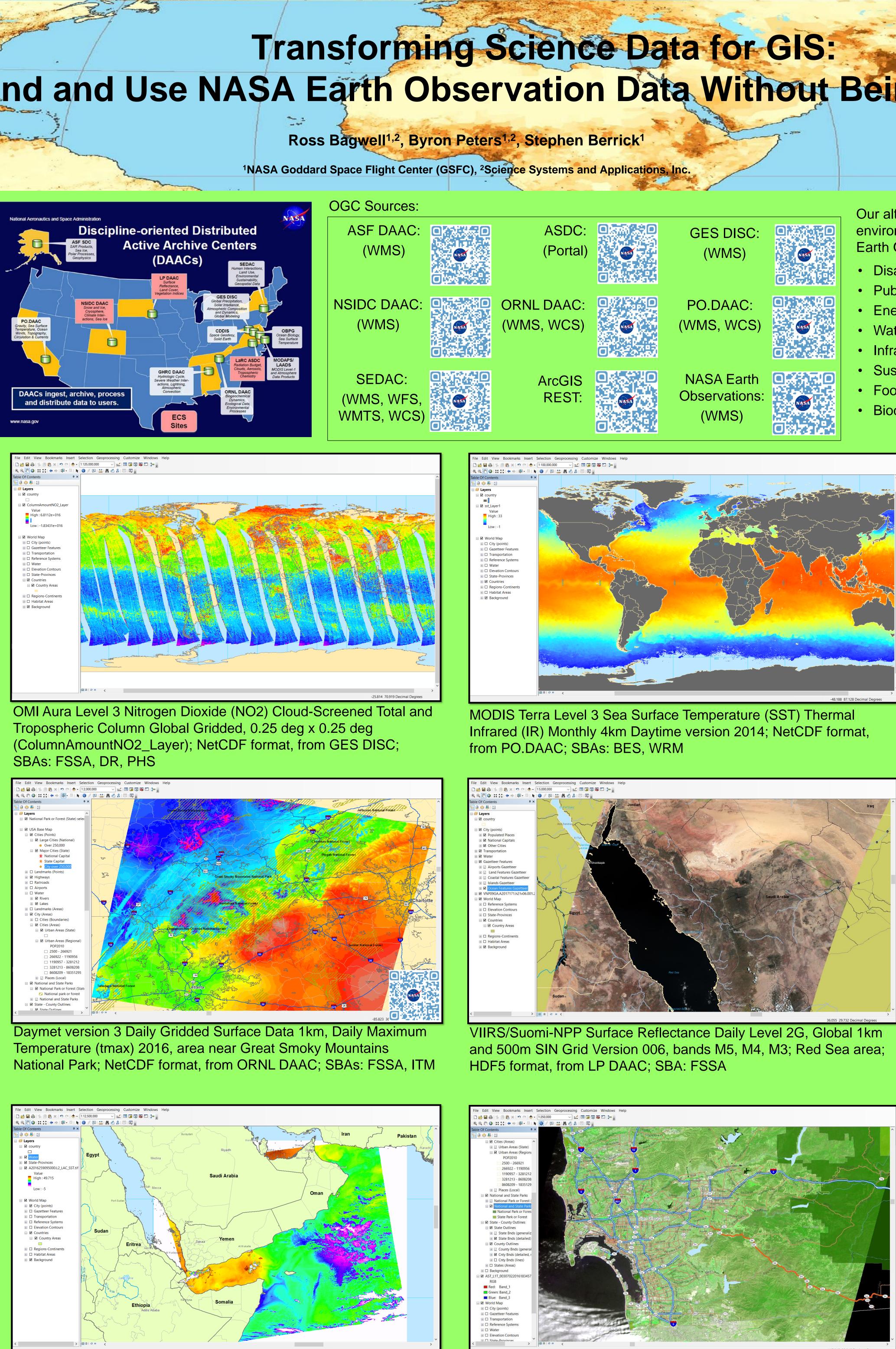
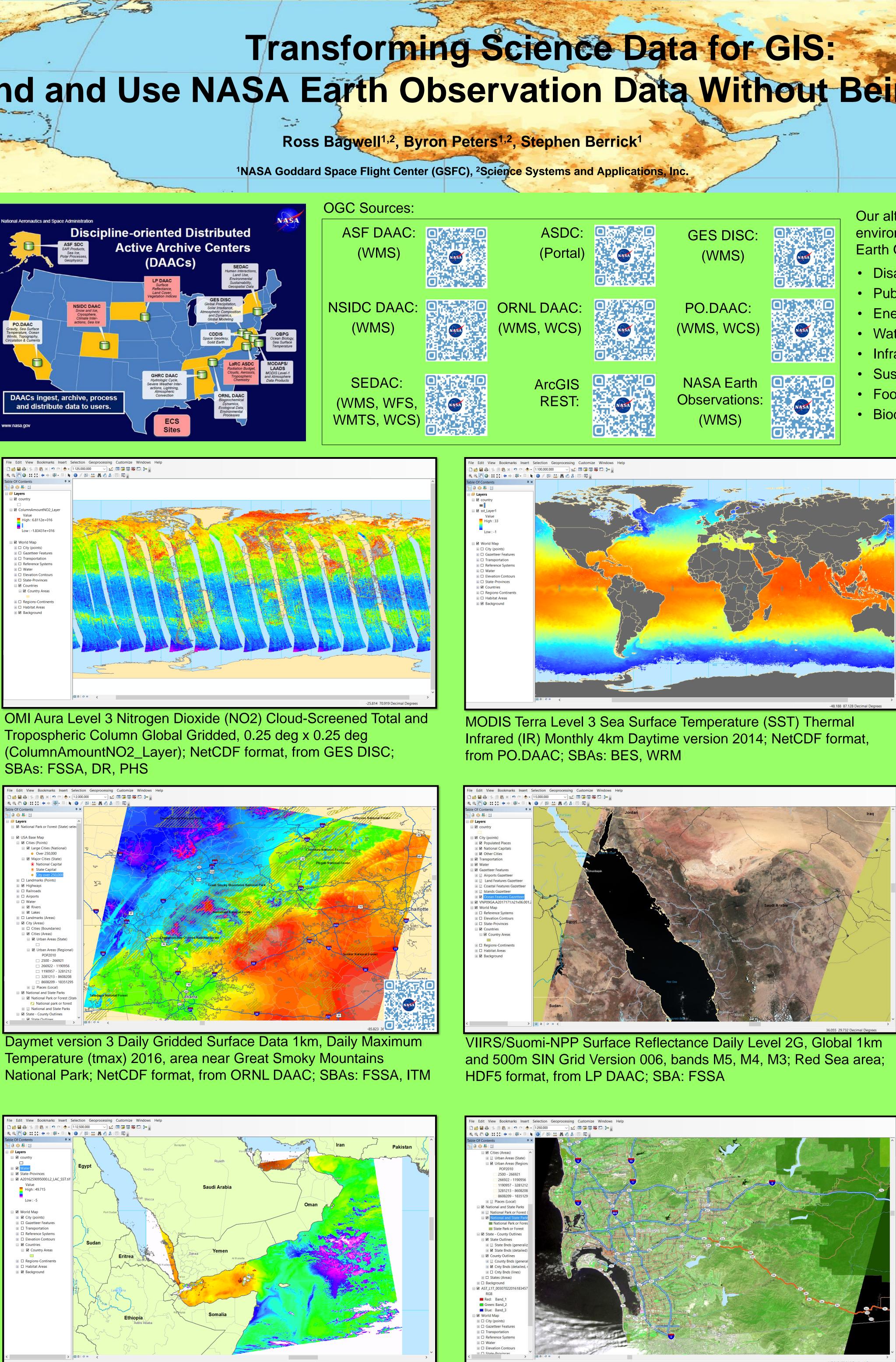
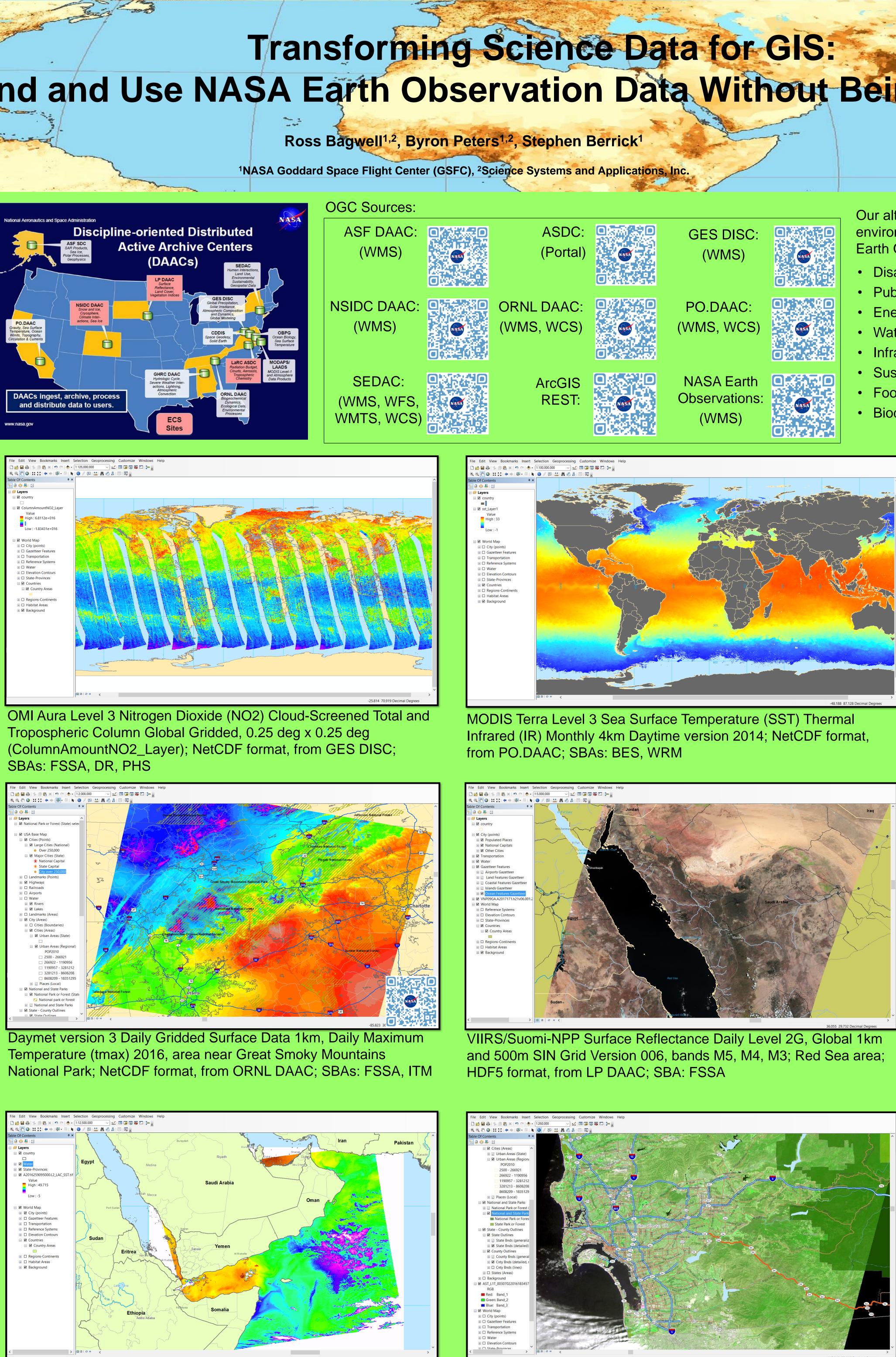


ALOS PALSAR Granule (ALPSRP279071060), area near North Battleford, Saskatchewan (Canada); Google KMZ format imported into ArcGIS Earth, from ASF DAAC; SBAs: DR







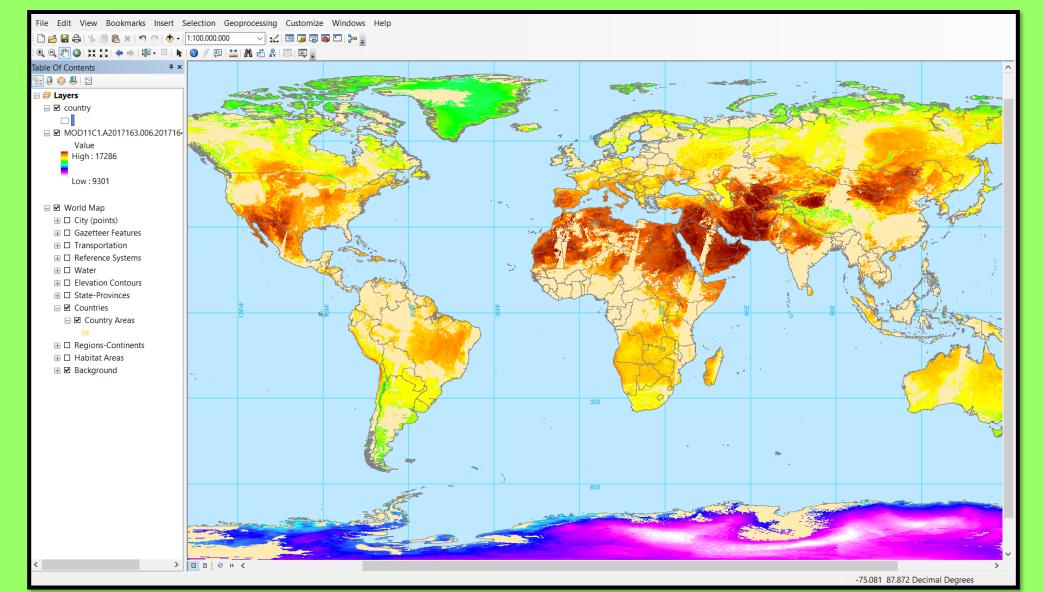
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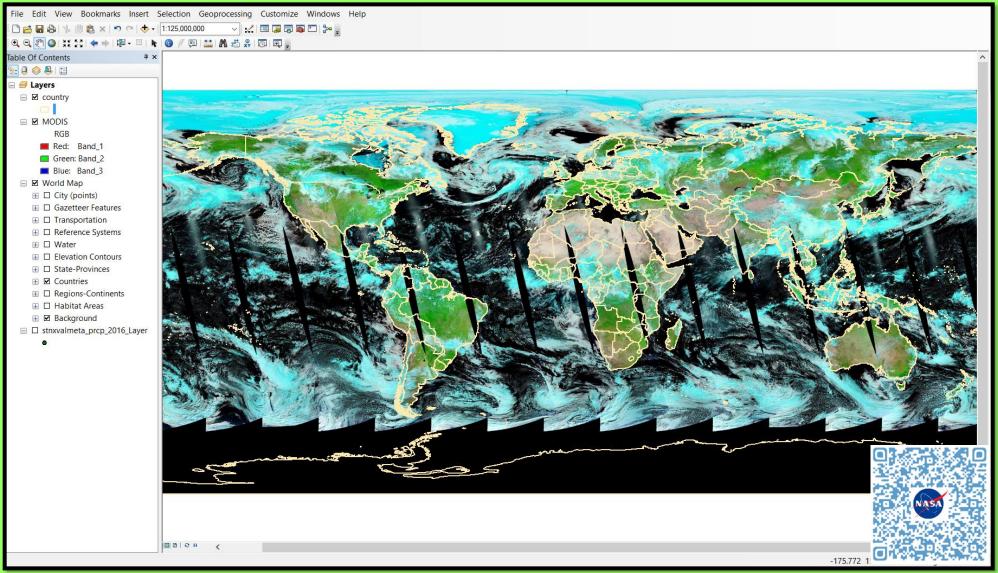
MODIS Aqua Level 2 Ocean Color 1km; Gulf of Aden area; NetCDF format, opened into SeaDAS (https://seadas.gsfc.nasa.gov/), reprojected, and exported into GeoTIFF, from OB.DAAC; SBA: BES

ASTER Level 1 Precision Terrain (L1T) near true color of the San Diego area; captured on July 2, 2016; GeoTIFF format, from LP DAAC; SBAs: FSSA, DR, EMRM

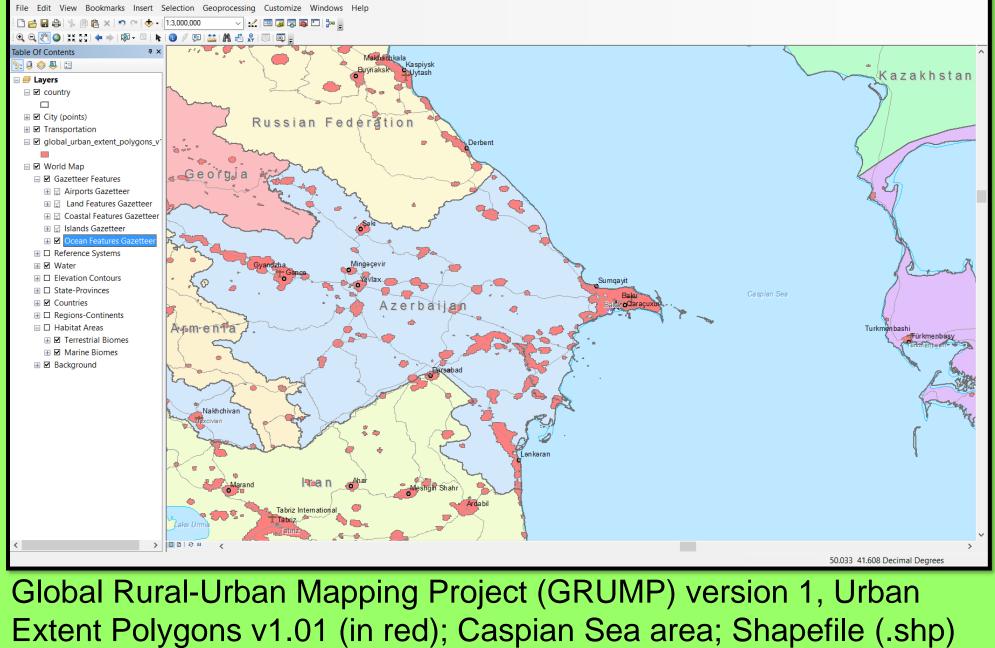
Our alternative is to take a "bottom-up" approach using eight environmental fields of interest as defined by the Group on Earth Observations (GEO) called Societal Benefit Areas (SBAs):

- Disaster Resilience (DR)
- Public Health Surveillance (PHS)
- Energy and Mineral Resource Management (EMRM)
- Water Resources Management (WRM)
- Infrastructure and Transport Management (ITM)
- Sustainable Urban Development (SUD)
- Food Security and Sustainable Agriculture (FSSA)
- **Biodiversity and Ecosystems Sustainability (BES)**

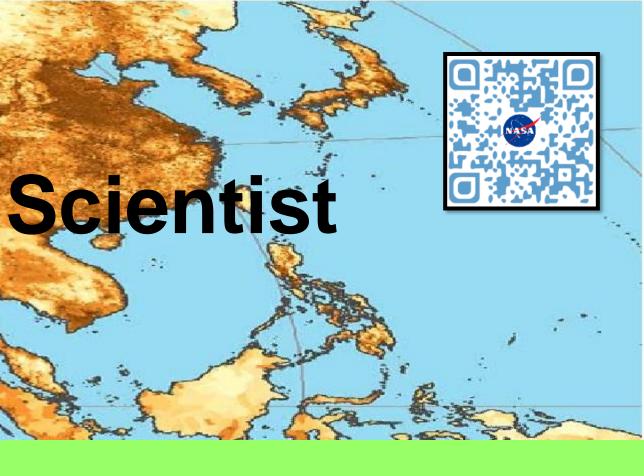




through the ArcGIS Catalog; SBAs: EMRM, RSSA



format, from SEDAC; SBAs: BES, DR





MODIS Terra version 6 Land Surface Temperature and Emissivity Daily Level 3 Global 0.05-degree CMG V006 (LST\_Day\_CMG); HDF-EOS4 (.hdf) format, from LP DAAC; SBAs: FSSA, BES, DR, PHS

MODIS Aqua Corrected Reflectance Bands 721; June 13, 2017, imported from Global Imagery Browse Services (GIBS) WMS