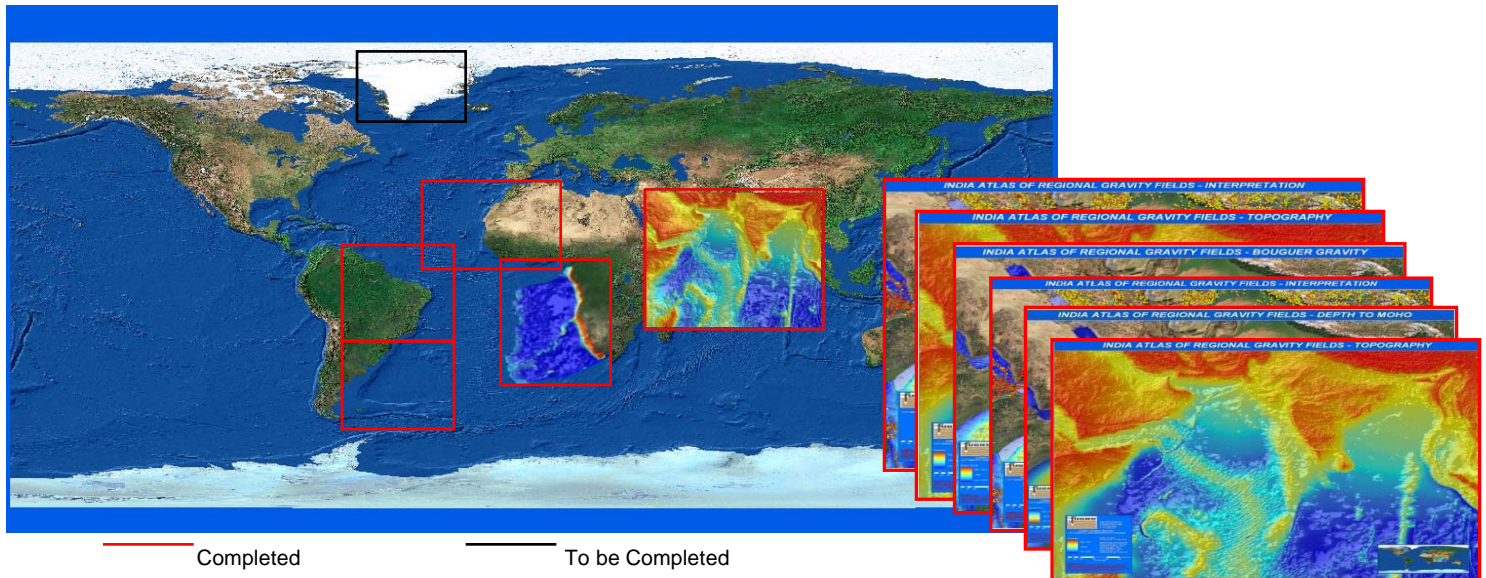


TECTONIC ATLAS 2.0

An ArcGIS™ Compilation of Geological & Geophysical Data



Includes the following layers:

- **Heat Flow Data**
Measured heat flow values from open file compilations.
- **Terrestrial and Submarine Volcanos**
(NGDC) Volcano Database.
- **Earthquake Seismicity**
Seismicity epicenter locations, depths, and magnitudes from (USGS).
- **Oil and Gas Provinces**
Economic basin boundaries.
- **Topography-Bathymetry Data.**
- **Moho Depth**
Moho depth from the CRUST 2.0 global crustal model.
- **Estimated Crystalline Crustal Thickness 1**
Crystalline crustal thickness estimated from the CRUST 2.0 Moho depth surface and open file.
- **Estimated Crystalline Crustal Thickness 2**
Crystalline crustal thickness estimated from an Airy isostatic Moho depth surface and open file.
- **Oceanic-Type Crust Sea Floor Age**
Oceanic-type crust sea floor age grid. (Published)
- **Offshore Sediment Thickness**
Offshore sediment thickness from (NGDC).
- **Drainage**
River drainages.
- **Gravity Anomaly Grids, Contours, and Images**
A satellite-derived gravity anomaly suite developed from the latest compilation of Sandwell and Smith. Included in the suite are:
 - Free-Air Gravity Anomaly
 - Bouguer Gravity Anomaly
 - Isostatic Gravity Anomaly
 - Low-Pass Filtered Bouguer Gravity Anomaly
 - High-Pass Filtered Bouguer Gravity Anomaly
 - Vertical & Horizontal Gradient of Bouguer or Isostatic Gravity Anomaly
- **Gravity Anomaly Interpretation Elements**
Features interpreted from the gravity anomaly map suite include:
 - Inferred Sedimentary Depocenter Extents
 - Axes of Gravity Maxima (structural axes)
 - Axes of Gravity Minima (basin and sub-basin axes)
 - Gravity Lineations (structural trends, faults, and discontinuities)
 - Continental-Oceanic boundary delineation

Prices Available Upon Request

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