BlueMarble
A Tool for Bridging Science to Applications

BlueMarble: An Applications Research and Analysis Software Package

Pre-processing
- Can be Used Standalone or as IPOPP Plug-in
  - Enables Data Discovery
  - Simple Command Line Interface; Allows Incorporation into Other Packages
  - Focuses on Interoperability
- Metadata Check
- Adjacency Determination
- Projection/Vector Overlay
- Region-of-Interest/Zoom Overlay Determination

Processing
- Image Enhancements
- Projection & Vector Overlay
- Correction/Adjustment
- Submitting & Monitoring

Science Data Products

Application Imagery/Data Products

Applications

SCIENCE Promotes Collaboration

Image Products From BlueMarble

Dust Storm Across the Mediterranean
Cyclone Helen Approaches the Indian Coast at Night
Tracking Plumes After a Volcanic Eruption

Fire and Smoke
Winter Storm at Night
Snow Mapping
Floods in the Brahmaputra

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