

A U.S. Geological Survey (USGS) Antarctic Portal for the International Polar Year (IPY)

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The Antarctic Portal maintained by the USGS for the US Antarctic Program serves data compiled and maintained by the USGS for the National Science Foundation-funded Antarctic Program. Data are provided via the internet as well as through the US Antarctic Resource Center in Reston, VA. Over the next year, those data will also be hosted by the EROS Data Center in Sioux Falls, SD. The facility currently serves terabytes of data through its web services and data download systems. In preparation for the International Polar Year, EDC will complete a Landsat Image Mosaic of Antarctica with the British Antarctic Survey which will also be served through the portal as a web map service and web coverage service. During the IPY, that facility will be available to host a variety of Antarctic data as requested by other science projects and as a mirror site for other Antarctic data facilities as agreements are reached with our SCAR and IPY partners

The Atlas of Antarctic Research viewer (http://usarc.usgs.gov/antarctic_atlas) will continue to grow in its data content and capabilities, including an expanded download capability.