



## DATA & APPLICATIONS ONLINE

# Vertex - Synthetic Aperture Radar (SAR) Data Portal

### Overview

Vertex is the Alaska Satellite Facility's (ASF) data portal for remotely sensed imagery of the earth, providing access to the ASF Datapool and the ASF Subsetter. Both offer synthetic aperture radar data products available from the global ASF archive.

**ASF Datapool** – contains pre-processed synthetic aperture radar data and images from several satellite and aircraft platforms. SAR data, browse images and relevant metadata are easily visualized and available for direct download or bulk download in multiple data formats.

**ASF Subsetter** – offers image mosaics of selected regions of the earth, and the ability to dissect preferred areas out of those images for immediate download. One can choose from available data layers, map projections, and export formats.

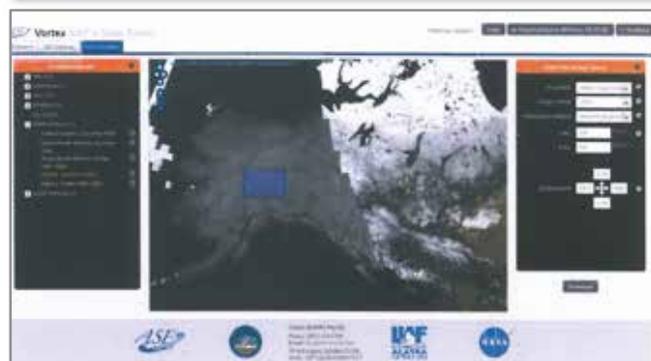
**Additional SAR Data** – access is provided to SAR data outside of the ASF Datapool and ASF Subsetter holdings.

### Key Features

The ASF Datapool provides an interactive map for searching by geographic region. Users can also specify a data range and select multiple SAR platforms.

The ASF Subsetter provides access to a limited number of selected regional scenes.

All processed SAR data delivered through Vertex is via zip file compression, with the use of zip64 for UAVSAR data products.



Youtube videos and step-by-step instructions show how to:

- search the ASF Datapool, manipulate the search results, and download data
- select a dataset from the ASF Subsetter, create a bounding box, and define the image subset

### Data Access

<https://vertex.daac.asf.alaska.edu/>



**Alaska Satellite Facility SAR DAAC**  
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**EODIS DAACs**  
ASF SAR DAAC is one of twelve NASA Earth Observing System Data and Information System (EODIS) Distributed Active Archive Centers (DAACs).

To learn more about data and tools available from EODIS, go to [earthdata.nasa.gov](http://earthdata.nasa.gov).