Resource Summary Report

Generated by NIF on Aug 10, 2026

Alaska Satellite Facility

RRID:SCR_003610
Type: Tool

Proper Citation

Alaska Satellite Facility (RRID:SCR_003610)

Resource Information

URL: http://www.asf.alaska.edu/

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Description: Satellite facility that downlinks, processes, archives, and distributes remote-sensing data to scientific users around the world. Three major components: * Satellite Tracking Ground Station: Part of NASA?s Near Earth Network system of ground stations around the world. * Synthetic Aperture Radar Distributed Active Archive Center (SAR DAAC): ASF maintains the NASA archive of SAR data from a variety of satellites and aircraft, and provides these data and associated specialty support services to U.S. Government-approved researchers in support of NASA?s Earth Science Data and Information System project. * ASF Enterprise Center (ASFE): In support of UAF?s mission to be a student-centered research university, the ASF-E focuses on applications of remote-sensing data, specifically for UAF research. The ASF-E includes the GeoData Center (GDC), which provides data management and archive services for UAF principal investigators and maintains a variety of geophysical data collections in support of scientific research.

Abbreviations: ASF, ASF SAR DAAC

Synonyms: Alaska Satellite Facility - Synthetic Aperture Radar Distributed Active Archive Center

Resource Type: service resource, storage service resource, data repository

Keywords: remote sensing, earth resources technology satellite, earth, satellite, synthetic aperture radar

Availability: Acknowledgement requested, Account required, (for some), Approval required, (for some), Open unspecified license, (some)

Resource Name: Alaska Satellite Facility

Resource ID: SCR_003610

Alternate IDs: nlx_157757, r3d100013015

Alternate URLs: https://doi.org/10.17616/R31NJMJB

Record Creation Time: 20220129T080220+0000

Record Last Update: 20260811T043203+0000

Ratings and Alerts

No rating or validation information has been found for Alaska Satellite Facility.

No alerts have been found for Alaska Satellite Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Asrade TM, et al. (2026) Flood susceptibility assessment using three machine learning techniques and comparison of their performance. Scientific reports, 16(1).

Ohenhen LO, et al. (2023) Hidden vulnerability of US Atlantic coast to sea-level rise due to vertical land motion. Nature communications, 14(1), 2038.

Fernández J, et al. (2022) Shallow magmatic intrusion evolution below La Palma before and during the 2021 eruption. Scientific reports, 12(1), 20257.

Fernández J, et al. (2021) Detection of volcanic unrest onset in La Palma, Canary Islands, evolution and implications. Scientific reports, 11(1), 2540.

Chen Y, et al. (2020) Investigating the potential use of Sentinel-1 data for monitoring wetland water level changes in China's Momoge National Nature Reserve. PeerJ, 8, e8616.

Blackwell E, et al. (2020) Tracking California's sinking coast from space: Implications for relative sea-level rise. Science advances, 6(31), eaba4551.

Silva BPC, et al. (2019) Digital soil mapping including additional point sampling in Posses ecosystem services pilot watershed, southeastern Brazil. Scientific reports, 9(1), 13763.

Shirzaei M, et al. (2019) Comment on "Short-lived pause in Central California subsidence after heavy winter precipitation of 2017" by K. D. Murray and R. B. Lohman. Science advances, 5(6), eaav8038.