

Land, Atmosphere Near real-time Capability for EOS (LANCE)



NASA's Land, Atmosphere Near real-time Capability for EO (Earth Observations) (LANCE) provides data and imagery from Terra, Aqua, Aura, Suomi NPP and GCOM-W1 satellites in less than 3 hours from satellite observation, to meet the needs of the near real-time (NRT) applications community. LANCE is a distributed system that builds on the existing EOSDIS capabilities.

A simplified overview of the data flow from satellite to users.

ESO Latency Study HQ Briefing
20220327 final.pptx

LANCE User Working Group

- Charter
- Members
- Meetings

**NASA Terra MODIS Sentinel-3
Continuity Pilot Study**

LANCE Internal Pages

Communication Material

ESDIS Weeklies

- Concatenated bullets

LANCE Flyers (2022-3):

- LANCE
- FIRMS Global
- FIRMS US/Canada

LANCE Postcards (March 2023):

- LANCE
- FIRMS

LANCE Logo

LANCE FIRMS for NOAA VIIRS User meeting

LANCE Enhancements

Recent use of LANCE / FIRMS data

LANCE Requirements - checklist

Recent LANCE presentations

FIRMS slides for David Green

FIRMS - Community of Practice Pilot
NR Canada

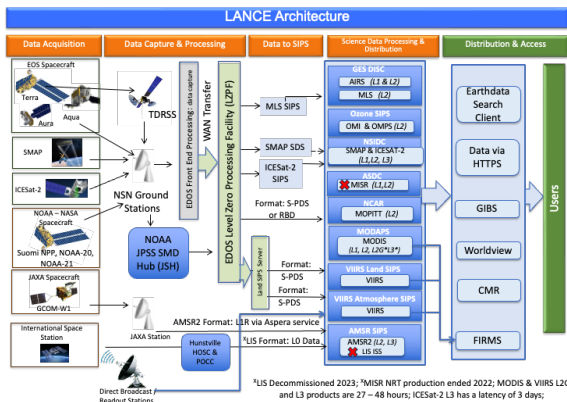
FIRMS-CIFFC-GWG 031824 .pptx

NC State Presentation

- NC State Activities FIRMS

LANCE FIRMS, AMS Annual
Conference, Jan 2024

LANCE Intro 2 20 24



APAN57 Presentations

Without audio:

[1_Worldview Presentation Jan 2024
APAN_without recording.pptx](#)

[2_FIRMS Presentation Jan 2024
APAN_without recording.pptx2_FIRMS
Presentation Jan 2024 APAN_without
recording.pptx](#)

[1_and 2_Worldview and FIRMS
Presentation Jan 2024 APAN_without
recording.pptx](#)

With audio:

[1_NASA Worldview: Explore the earth
from Past to Present with Global
satellite Observations. For APAN-57](#)

[2_NASA Fire Information for Resource
Management System \(FIRMS\)](#)

[Combined presentation \(1 and 2\)](#)

LANCE Earth Science to Action - December 2023 version 2

.

[FIRMS, GOFC-Fire November 2023](#)

[Earth to Sky Slides](#)

- [Earth to Sky Activities_FIRMS.
pdf](#)

[LANCE, IGARSS Conference, Jul2023](#)

[S-3 Pilot Study: Mid-project report,
MODIS/VIIRS ST Meeting, May 2023](#)

[Justice Modland retrospective_5_4_23.
pptx](#)

[FIRMS Poster for IWFC, Porto, May
2023](#)

[AMSR2 metrics slide deck, Feb 2023](#)

[LANCE FIRMS, AMS Annual
Conference, Jan 2023](#)

[LANCE FIRMS, AGU Annual Meeting,
Dec 2022](#)

[LANCE FIRMS 610 Directors Seminar
Oct 2022](#)

[LANCE ICAP Presentation Oct 2022](#)

[LANCE Introduction, Oct 2022](#)

[FIRMS, GOFC-Fire June 2022](#)

[LANCE Slides for Applied Sciences
Feb 2022](#)

[LANCE FIRMS - USFS_final.pptx](#)

[LANCE highlight slide](#)

[Slides for Applied Sciences](#)

[Generic LANCE slides](#)

[SBG LANCE presentation](#)

[AGU LANCE MODIS poster \(2019\)](#)

[LANCE @10 AGU-12-5-19](#)

[LANCE Top 10 2019](#)

[LANCE Poster for MODIS ST \(Fall 2019\)](#)

[Michael_LANCE_AMS_01_14_20.pptx](#)

[LANCE Webinar February 2020:](#)

- [Part 1: intro slides](#)
- [Part 2: access and uses](#)
 - [B_Slides1](#)
 - [Hazards and Disasters MOV](#)
 - [Earthdata Search](#)
 - [B_Slides2](#)
 - [Worldview](#)
 - [B_Slides3](#)

[FIRMS EARSeL 2019](#)

[FIRMS Earthdata webinar](#)

- [Part 1](#)
- [Part 1A](#)
- [Part 2](#)

Older presentations

[Current Status and Recommendations for Near-Real Time Processing Effort \(NRTPE\) Oct, 2007](#)

[LATENCY STUDY HQ Final Briefing 03-27-2022](#)

Current

[NRC Decadal Survey: LANCE](#)

[Contribution to RSE Paper - online mapping systems](#)

[Summit slides](#)

[LANCE_SNWG_Slides_7_19_21](#)

[FIRMS_USFS_SNWG_Slides_7_19_21](#)

LANCE ACSI Survey

- [CFI LANCE Report 2020 \(ppt\)](#)
- [LANCE Briefing 2020 \(ppt\)](#)
- [CFI Final Report 2016 \(doc\)](#)
- [LANCE Briefing 2016_Final \(ppt\)](#)

[NASA Workshop to Develop a Portfolio of Low Latency Datasets for Time Sensitive Applications \(2016\)](#)

