

National Aeronautics and  
Space Administration



# EXPLORE EARTH

**MODIS STM**

NASA Headquarters Perspective on  
MODIS and Suomi NPP

Nov 11<sup>th</sup> 2020



# NASA HQ Perspective on MODIS and Suomi NPP

## Terra, Aqua, Soumi-NPP, JPSS

- Terra, Aqua, and Suomi NPP satellites are among the most critical Earth Observing System satellites for acquiring high quality long-term Earth system data records
- The NASA EOS era is coming to a close
  - Terra and Aqua are aging spacecraft. Still collecting EO data and producing data products
  - Phase F plans are being made for both spacecraft
- SNPP and JPSS Series satellites are the beginning of a new generation of polar-orbiting operational environmental satellites
- Suomi NPP, NOAA-20, and the follow-on JPSS missions will continue EO measurements that done with the Terra and Aqua missions

## Going Forward

- NASA HQ is focused on ensuring continuity and stable data products between sensors on TASNPP & JPSS platforms (We think we are close for MODIS/VIRRS but need to be informed of issues that the community sees)
- Operational partners have the lead on products they develop; we have no intention or desire to replicate what they are doing or create overlapping/duplicative data products
- NASA HQ is continuing its focus on **supporting science** with existing and new data products



# NASA HQ Perspective on MODIS and Suomi NPP

## Senior Review

- The NASA 2020 Senior Review funds the continuation of Terra and Aqua standard data products and algorithm maintenance
- The Senior Review was a major effort for both the Aqua and Terra missions this year
- The Senior Review Panel was highly favorable toward both missions (details to follow in the next two talks)

## 2020 TASNPP Solicitation(s)

- Release is imminent
- Two solicitations:
  - One focused on the Science of TASNPP (must be science focused not product focused!)
  - One focused on Standard Products for SNPP/JPSS (since SNPP/JPSS do not fit into the Senior Review)
- After release, questions can be directed to myself ([Michael.Falkowski@nasa.gov](mailto:Michael.Falkowski@nasa.gov)) AND Barry Lefer ([barry.lefer@nasa.gov](mailto:barry.lefer@nasa.gov))

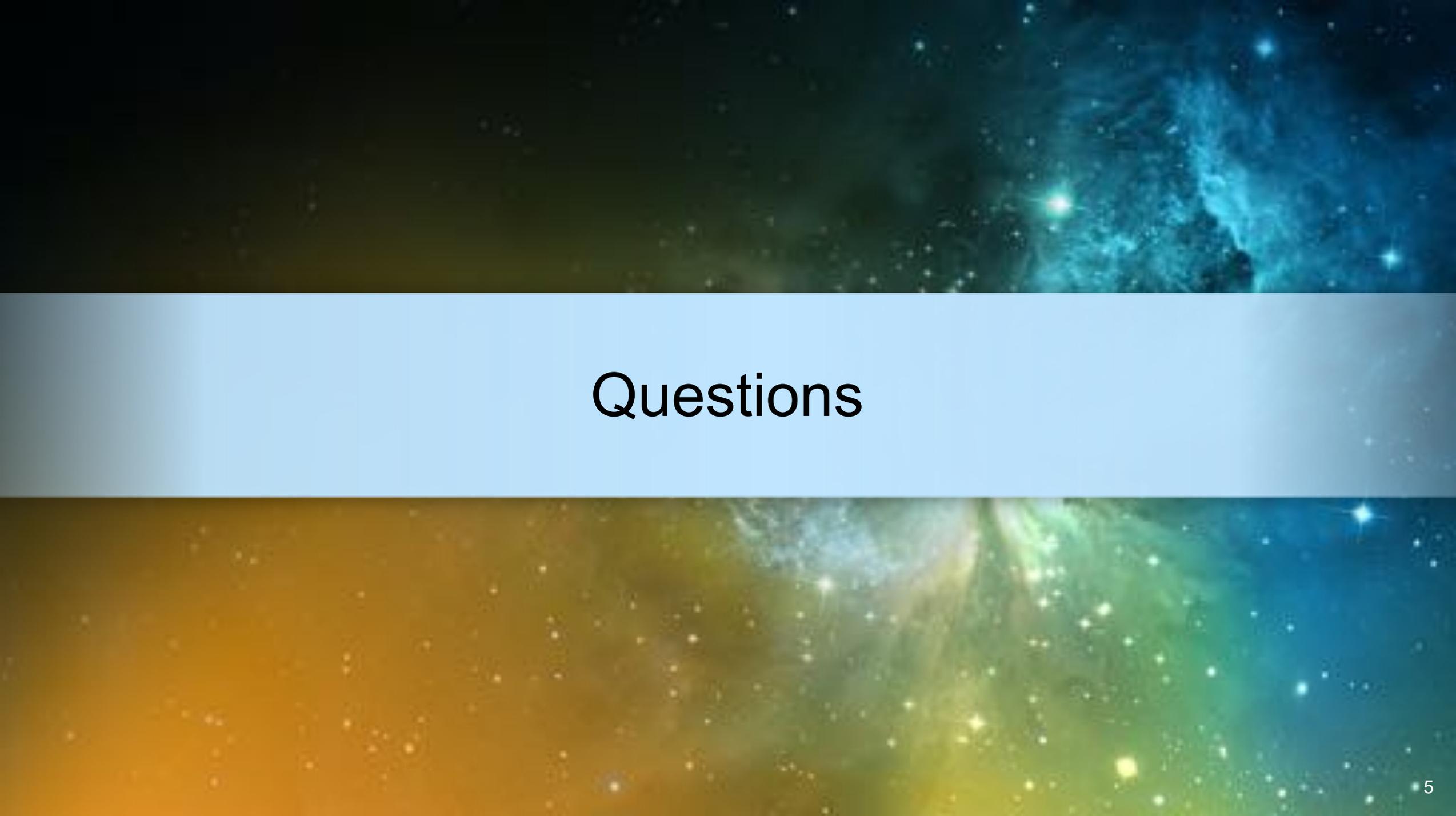


# What HQ Needs From You

**Serve on Panels and Report Publications!**

**Serving on NASA Peer Review Panels is your obligation to NASA and to our scientific community.**

**Timely reporting of publications is critical to the health of NASA ESD!**

The background of the slide is a composite of cosmic imagery. The top half features a dark space filled with numerous small, bright stars and a prominent blue nebula with wispy, ethereal structures. The bottom half transitions into a warmer color palette, showing a mix of orange, yellow, and green hues, with a large, bright green nebula and several bright yellow and white stars. A horizontal light blue band runs across the middle of the slide, serving as a backdrop for the title.

# Questions