



# **Applied Sciences – Mission Engagement**

**Collaboration for Continued and Future Success**

**2023 ESSP Program Forum**  
**August 23, 2023**

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# APPLIED SCIENCES PROGRAM

## Mission

Enable people & organizations to apply insights from Earth science to benefit the economy, health, quality of life, and environment.

## What We Do

Financial and programmatic investments to:

- Generate creative solutions with organizations to improve their decisions and actions
- Lower the technical and institutional barriers to using Earth science information
- Use connections across sectors for multiplier effects and bring insights back to ESD





# APPLICATIONS PROGRAM AREAS

Our program areas help tackle challenges on our home planet. Each covers a different area in which Earth science information can serve society in responding to the urgent challenges of our time.

## What are Earth science applications?

Applications refer to uses of Earth science data, models, and information products to **inform organizations' decisions and actions** on management, policy, and business activities.



Agriculture



Disasters



Ecological Conservation



Health and Air Quality



Water Resources



Capacity Building



Mission Engagement



Climate & Resilience



Energy



Wildland Fires

# Agenda

- Applied Sciences Mission Engagement - ongoing activities and priorities
- Working Collaboratively - how can you engage?
- Questions



# Ongoing Activities/Priorities

1. Earth Action
2. ESD Handbook (R&R, HQ Team, reinforcing/elevating all HQ roles)
3. Announcement of Opportunity – Applications approach (AO development of requirements/eval criteria, Applications on Eval Panels, LL/refinement, revision of LCR Entry/Exit criteria)
4. Directive update and (new) Implementation Guide – coming soon
5. Cross Mission focus – meet users where they are (cross-ESO, across NASA, integrated S&ATs?)
6. Communications (“Powered by NASA”, Mission Applications Lead F2F, etc.)

# Working Collaboratively to set priorities and plan

1<sup>st</sup> Annual Mission Application Lead/Program Application Lead (MAL/PAL) F2F

1. September 27-28, 2023 (1.5 days) in Lancaster, PA
2. Topics include:
  1. Early Adopter Showcase planning
  2. L4 product development with cross mission development approach
  3. Multi-mission collaboration examples and brainstorming
  4. Brainstorming effective practices to foster partnerships between science, applications, and data systems



# Questions?

I love to hear your thoughts and questions:  
now or anytime you want to talk.

Thank you!

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