

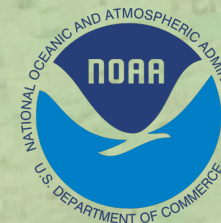


Welcome to the USFS – NASA Joint Applications Workshop

Earth Observations in Support of Forest and Rangeland Response
to Changing Environmental Conditions

Event Moderator: Raha Hakimdavar, USFS

Virtual Pitch Fest
June 2 & 3, 2020



An aerial photograph of a coastal region, likely the San Francisco Bay Area, showing a mix of urban development, green spaces, and water bodies. The image is faded and serves as a background for the title.

Pitch Fest Agenda

Day 1 (Eastern Time)

11:00 Setting the Stage

11:20 Speakers: Building a bridge between NASA technology & Natural Resource Management Decision Makers

12:00 Panel 1: Fire, Emissions & Carbon

13:00 Break (30 minutes)

13:30 Pitch Fest – Disturbance Resilience, Resistance, & Recovery

14:05 Pitch Fest - Fire & Fuels

14:40 Break (20 minutes)

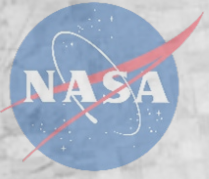
15:45 Pitch Fest – Land Cover Mapping & Monitoring

16:10 Break (20 minutes)

16:40 Discussion, Next Steps, & Closing (20 minutes)



Setting the Stage



Welcome to the Pitch Fest!

Everett Hinkley (Forest Service)

Meeting objectives, goals

Erik Johnson (Forest Service)

Team and Speaker Introductions

Sabrina Delgado Arias (SSAI-NASA Goddard)

An aerial photograph of a landscape, likely a coastal or wetland area, showing various textures of land and water. The image is in grayscale and serves as a background for the top portion of the slide.

Background

USFS – NASA Joint Applications Workshop

April 30 – May 2, 2019, Salt Lake City, Utah

Goal:

To share and demonstrate the capabilities of NASA data products and strengthen partnerships between NASA and USDA Forest Service.

Objectives:

- Provide an overview of NASA missions and projects
- Share and prioritize USDA Forest Service needs
- Expand awareness of NASA data sources and tools
- Identify opportunities for collaboration

An aerial photograph of a coastal area, showing a mix of land and water. The land is divided into various plots, some of which are green, suggesting vegetation or parks. The water is a light blue-grey color. The overall image is faded and serves as a background for the title.

Background

Outcomes of the 2019 Workshop:

- Key Opportunity Areas
- Breakout Session Summaries
- Collaborations and Partnerships
- [Workshop Summary](#)
- Workshop Proceedings (draft)
- Annex Agreement (draft)

Pitch Fest Goals and Objectives

Goal:

To enhance connections and strengthen partnerships between NASA and the USDA Forest Service and the broader resource management community.

Objectives:

- Identify opportunities for collaboration
- Provide a snapshot of natural resource information needs
- Present ideas for bridging information gaps
- Increase integration of NASA products and tools
- Learn and have fun!

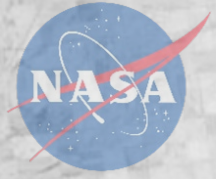
Pitch Fest Goals and Objectives

Desired Outcomes:

- Top ideas prioritized for support by NASA mission scientists
- All ideas used to inform and refine stakeholder needs/ feasibility studies
- Increased participation in NASA Working Groups and Early Adopter Programs
- Pitch Fest proof of concept evaluated as a means to increase collaboration and coordination



Introducing the Planning Team



Peggy O'Neill



Matt Reeves



Sabrina Delgado Arias



Everett Hinkley



Raha Hakimdavar



Cynthia West



Erik Johnson



Andy Hudak



Stephanie Granger



Kim Locke



Mahesh Pun



Edil Sepulveda Carlo



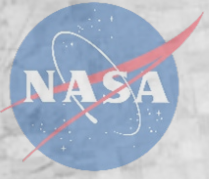
Batu Osmanoglu



Birgit Peterson



Building bridges between NASA technology & natural resource management decision makers



NASA Perspective:

Lawrence Friedl, Director, NASA Applied Sciences

Forest Service Perspective:

Cynthia West, Director, Office of Sustainability and Climate, USFS

Equipping water decision-makers with useful information:

Stephanie Granger, NASA Western Water Applications Office

Leveraging NASA LANCE/FIRMS for active fire mapping:

Diane Davies, NASA Goddard