

OPERA 5TH STAKEHOLDER ENGAGEMENT WORKSHOP

September 11, 2025

Virtual Workshop

Agenda

(all times are in PDT unless otherwise noted)

8:30	Opening and Housekeeping	Elodie Macorps , GSFC (5 min)
8:35	HQ Welcome	Natasha Sadoff , Satellite Needs Program Manager and SNWG Principal (10 min)
8:45	Satellite Needs Working Group Management Office Updates	Pontus Olofsson , MSFC (10 min)
8:55	Project Status and Updates: <ul style="list-style-type: none">• ESDIS metrics• DSWx-S1• DISP-S1• DSWx-NI• DISP-NI• VLM	Steven Chan , JPL (15 min)
9:10	Stakeholder Engagement Updates	Elodie Macorps , GSFC (10 min)
9:20	OPERA Data Use by Stakeholders	<p>USACE (15 min)</p> <ul style="list-style-type: none">- Kaitlyn Engel and Josh Smallwood (US Army Corps of Engineers), “The impact of varying input data on the flood inundation mapping case study: 2022 Pakistan & 2024 North Carolina, USA floods” <p>USDA ARS Iowa (15 min)</p> <ul style="list-style-type: none">- Thanos Papanicolaou (USDA National Laboratory for Agriculture and the Environment), “Inundation and disturbance in farm lands via OPERA” <p>NGIS (15 min)</p> <ul style="list-style-type: none">- Evan DeLancey (NGIS), “DIST alerts for rapid creation of forestry supply chain geospatial data” <p>USGS Volcano Science Center (15 min)</p>

		<ul style="list-style-type: none"> - Marco Bagnardi (USGS), “Monitoring of volcanoes with SAR: Ground deformation and surface changes” <p>Total = 60 min</p>
10:20	Break	
10:35	Accessing OPERA Data	Matt Bonnema , JPL (15 min)
10:50	<p>Google Earth Engine (GEE) and AlphaEarth</p> <p>Leafmap</p> <p>ArcGIS</p> <p>NASA Worldview</p> <p>Science and Disaster Response Applications</p>	<p>Simon (Vsevolod) Ilyushchenko, Google (15 min)</p> <p>Qiusheng Wu, U Tennessee (15 min)</p> <p>Dinuke Munasinghe, U Alabama (15 min)</p> <p>Catalina Tagliatela, JPL (15 min)</p> <p>Cole Speed, Bryan Raimbault and Grace Bato, JPL (25 min)</p> <p>Total = 85 min</p>
12:15	Development Status of Upcoming Products (DSWx-NISAR, DISP-NISAR, DIST-S1, VLM)	<p>Jungkyo Jung, JPL (10 min)</p> <p>Scott Staniewicz, JPL (10 min)</p> <p>Richard West, JPL (10 min)</p> <p>Marin Govorcin, JPL (10 min)</p> <p>Total = 40 min</p>
12:55	Closing Remarks	Steven Chan , JPL (5 mins)