

NISAR Applications Workshop: Linking Mission Goals to Societal Benefits  
 Main Auditorium  
 U.S.G.S. Headquarters, Reston, VA  
 October 28-29, 2014

**Please arrive by 7:45 am to allow time for visitor check-in.**

**Read [Guide](#) for visitor check-in requirements.**

The main auditorium room will be open at 7 am. Arrive early to avoid lines.

<b>28 October Tuesday</b>			
8:30 am	<i>Paul Rosen</i>	Welcome from Project	
8:35 am	<i>David Applegate</i>	Welcome from USGS	
8:40 am	<i>Peg Luce</i>	Welcome from NASA Earth Sciences	
8:45 am	<i>Craig Dobson</i>	Welcome from NISAR Program	
8:50 am	<i>David Green</i>	Welcome from Applied Sciences	
8:55 am	<i>Paul Rosen</i>	Overview of Mission and Status, Baseline Science, Operational Plan, Data Products	
9:50 am	<i>Susan Owen</i>	Charge to Workshop	
10:00 am	<i>Break</i>		
10:15 am	Operational applications invited talks		
10:15	<i>Anup Das (ISRO), John Mathew (ISRO)</i>	Agriculture and other ISRO applications	
10:40	<i>Jerad Bales (USGS)</i>	Water Resources	
10:55	<i>Bruce Davis (Davis Consulting)</i>	Homeland Security, National Infrastructure	
11:10	<i>Evan Notman (USAID)</i>	Forestry & Wetlands	
11:25	<i>David Applegate (USGS)</i>	Disaster Response	
11:40	<i>Pablo Clemente-Colon (NOAA)</i>	Ocean-related Applications	
12:00 pm	<i>Lunch – USGS cafeteria</i>		
1:00 pm	<i>Susan Owen</i>	Charge to Breakout Session 1 – What are known and potential NISAR applications?	
1:15 pm	Breakout I – by Application Area (Topic/Room/Topic Co-Chairs)		
	Agriculture & Land Use	Room BA102C (Basement C)	<i>Paul Siqueira (UMass), Anup Das (ISRO)</i>
	Disaster Response & Recovery	Visitor Center Room	<i>Jon Nystrom, Kurt Schwoppe (ESRI), Tim Stough (JPL)</i>
	Forestry & Wetlands	Room 1B215	<i>Josef Kelldorfer (WHOI), Evan Notman (USAID), Uriel Kitron (Emory)</i>
	Hazard & Infrastructure Monitoring	Main Auditorium	<i>Shimon Wdowinski (UMiami), Andrea Donnellan (JPL)</i>
	Ocean Applications	Room BA102A (Basement A)	<i>Ben Holt (JPL), Frank Monaldo, Xiaofeng Li (NOAA)</i>
Water Resources & Hydrology	Room BA102B (Basement B)	<i>Brian Conway (AZDWP), Tom Farr (JPL)</i>	

2:45 pm	<i>Break</i>	
3:00 pm	Reports from Breakout 1 & discussion	
4:00 pm	Welcome from Suzette Kimball, Acting Director of USGS	
4:05 pm	Panel discussion to identify inputs/operational constraints. Moderator: <i>Gerald Bawden (NASA)</i> Panelists: <i>Charlie Mandeville (USGS), Frank Monaldo (NOAA), Rick Mueller (USDA), Paul Rosen (NISAR project), Craig Dobson (NASA)</i>	
5:00 pm	<i>Adjourn</i>	
<b>29 October Wednesday</b>		
8:30 am	Lightning Talks on Innovative Techniques for SAR Applications	
	<i>Kevin Schaefer (National Snow and Ice Data Center)</i>	Permafrost Applications of InSAR
	<i>Daniele Perissin (Purdue)</i>	Urban multi-temporal InSAR processing
	<i>Laura Bourgeau-Chavez (MTRI)</i>	Improving Soil Moisture Retrieval with Polarimetric SAR data
	<i>Elijah Ramsey (USGS)</i>	Mapping coastal marsh dieback and recovery with Optical VI and Radar HV
	<i>Peter Mougini-Mark (UHawaii)</i>	Sea level rise with NISAR
9:00 am	<i>Susan Owen</i>	Charge to Breakout Session II – Applications requirements and current NISAR data products/observation plan
9:15 am	Breakout II - by application area (same as Breakout I)	
10:45 am	<i>Break</i>	
11:00 am	Reports from Breakout II & discussion	
12:00 pm	<i>Lunch – USGS Cafeteria</i>	
1:00 pm	<i>Susan Owen</i>	Charge to Breakout session III: Discuss discipline product needs (divided by discipline)
1:15 pm	Breakout III – by application area (same as Breakout I)	
2:45 pm	<i>Break</i>	
3:00 pm	Report from Breakout III & discussion	
4:15 pm	Summary and meeting conclusion	
5:00 pm	<i>Adjourn</i>	