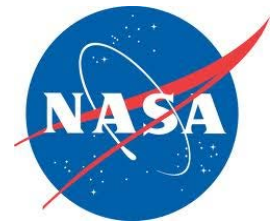




Land breakout

Welcome and introduction

Ivan Csiszar
NOAA/NESDIS/STAR



Land algorithm status

- Algorithms are currently transitioning to Enterprise solutions
 - changes in retrieval algorithm, product content, format
- Preparations for reprocessing are ongoing
- Long-term product monitoring and maintenance continues
 - <http://www.star.nesdis.noaa.gov/jpss/EDRs/index.php>
- Product development is generally in sync with operational applications
 - NCEP/EMC land: consistent, gridded, global, 1-km composites
 - biophysical variables for terrestrial ecological studies
 - fire radiative power for smoke/air quality applications
 - National Ice Center (NIC), Navy, NWS Alaska
 - etc.
- NASA ST production / reprocessing ongoing
 - continuing coordination and synchronization for select algorithms
 - implementation challenges
 - NASA-unique SDR, formats, NDE vs. SIPS production systems

Enterprise implementation schedule

- Algorithm readiness
 - Surface reflectance: September 2017
 - VI, LST, LSA: August/September 2017
 - Active Fire – already operational – updates coming
 - Surface Type – annual updates – updates coming
- JPSS-1 readiness
 - Recent 8-day dataset provided to STAR needs to be evaluated
 - Validation schedule updates?
 - Expect some changes in SDR, ECM etc.

Principal issues

- Operational NDE implementation needs more coordination
 - Need to know status of upstream products
 - Need to access to correct versions of upstream products
 - Operational implementation appears to be slower than expected
 - Need to properly plan for update bundles
- Readiness for reprocessing lagging
 - Need SDR evaluation and upstream EDR readiness
- Operational (i.e. OSPO quality monitoring)
 - Need better coordination and notification of issues
- Requirement changes and data access (PDA etc.)
 - User-driven processes
- Operational use of products lagging
 - re-think approaches to the problem
 - How do the products fit into the new NCEP modeling framework?

Agenda (am)

0915 - 1710	<i>Land</i> <i>Chair: Ivan Csiszar</i> <i>ESSIC Room 4102</i>		
0915 - 0935	<i>Introduction and Welcome</i>	Ivan Csiszar	STAR
0935 - 0955	<i>Surface Reflectance</i>	Eric Vermote	NASA
0955 - 1015	<i>Vegetation Product Suite</i>	Ivan Csiszar	STAR
1015 - 1030	<i>Break</i>		
1030 - 1050	<i>Land Surface Albedo</i>	Yunyue (Bob) Yu	STAR
1050 - 1110	<i>Land Surface Temperature</i>	Yunyue (Bob) Yu	STAR
1110 - 1130	<i>Active Fire</i>	Ivan Csiszar	STAR
1130 - 1150	<i>Vegetation Health</i>	Felix Kogan	STAR
1150 - 1200	<i>Discussion</i>		
1200 - 1315	<i>Lunch</i>		

Agenda (pm)

1315 - 1335	<i>Surface Type and Surface Type Change</i>	Xiwu (Jerry) Zhan	STAR
1335 - 1355	<i>Land Product Characterization System</i>	Kevin Gallo	STAR
1355 - 1415	<i>NASA Land Science Team Status</i>	Miguel Román	NASA
1415 - 1435	<i>CEOS Land Product Validation</i>	Miguel Román, Tomoaki Miura	NASA
1435 - 1445	<i>Discussion</i>	15:00 – 15:30 Yihua Wu, Weizhong Zheng	
1445 - 1530	<i>Break</i>		
1530 – 1550	<i>Product Interdependencies, Consistency, Common Gridding and Compositing, Upstream Product Issues</i>	Open discussion	
1550 – 1610	<i>Reprocessing</i>	Open discussion	
1610 - 1630	<i>New Operational Land Products</i>	Open discussion	
1630 - 1650	<i>JPSS - GOES-R Algorithm Integration and Enterprise Products</i>	Open discussion	
1650 - 1710	<i>Non-NOAA Satellite Assets</i>	Open discussion	