



Algorithm and User Assessments

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General Comments Form

**2914 STAR JPSS Science Teams Annual Meeting
May 12– 16, 2014
NCWCP, College Park, MD**

Originator Name:

Phone #:

Org

Title:

Comment/ Recommendation (include presentation section and page #)

Rationale:

Clarification:

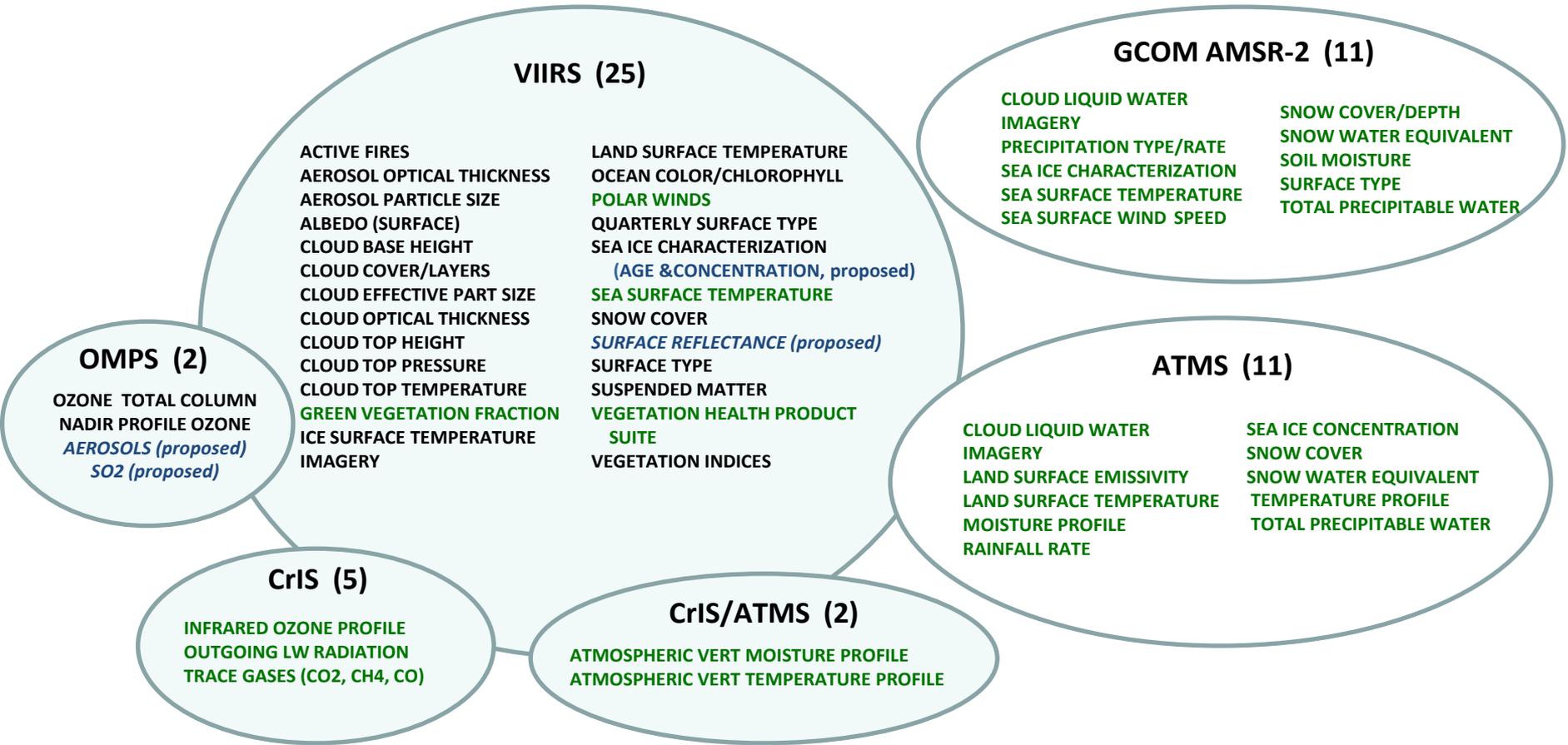
Assigned To:

Assignee Phone #

Date Closed:



JPSS EDRs



(GREEN - NOAA-LEGACY PRODUCTS)



Algorithm Assessments

- **IDPS algorithms we need the following assessment:**

1. NPOESS algorithm has evolved into the NOAA-endorsed JPSS algorithm.
2. NPOESS algorithm will not meet requirements or effort is too large, replace with NOAA-endorsed JPSS algorithm
3. NOAA-endorsed algorithm should be used even if NPOESS algorithm meets performance because of legacy, enterprise, blended products, and other considerations.

- **All algorithms**

1. Are the algorithms meeting the specifications?
2. Are the validation plans sound and include user feedback?
3. What is the long-term strategy for enhancements including data fusion>



Users Assessments

- Describe how SNPP/JPSS products provide continuity from legacy POES, METOP, DMSP, EOS?
- For new capabilities from SNPP/JPSS describe the benefits
- Provide Details on:
 - when do you plan to use the SNPP/JPSS Product?
 - Is there an actionable plan?
 - Is it funded?
 - What is the priority?
 - How have you documented the decisions for the use of SNPP/JPSS data?
 - Have you thought about how you will get the data and have you identified the issues with your operational use of SNPP/JPSS ?
 - What improvements do you expect from SNPP/JPSS?
 - Are the current legacy products well utilized?
 - Is the SNPP/JPSS product part of a blended product?
 - What additional work needs to be done to ensure that the SNPP/JPSS product is/will be well utilized?



Are enhancements needed for:

- Accessibility (data flow, latency, format)
- Product performance (accuracy, precision)
- User applications (modifications to modeling , decision tools, visualization to use the new products)



For breakout meetings Thursday

10:30 -2:30

- Answer the questions on slides 3 and 4
- Report back at 1:30





Breakout groups

- Land data assimilation (Mike Ek, Ivan Csiszar) – Gary McWilliams
- Cryosphere (Sean Helfrich, Jeff Key) – Ray Godin
- Imagery /cloud applications (Michael Folmer, Don Hillger, Heidinger, Bill Ward) – Victoria Ozokwelu and Bill Sjoberg
- CrIS atmospheric chemistry (CO, CH4...) (Monika Kopacz, Chris Barnet) – Laura Ellen Dafoe
- CrIS OLR (Pingping Xie, Mark Liu) – Murty Divakarla
- Microwave precipitation (Ralph Ferraro, Limin Zhao, Dave Kitzmiller) – Lance Williams
- Ozone monitoring (Craig Long, Larry Flynn) – Wayne Feltz
- VIIRS aerosol assimilation (Shobha Kondragunta, Sarah Lu) Julie Price
- Ocean color (Menghua Wang, Rick Stumpf, Cara Wilson, EMC?) – Arron Layns
- SST (Alexander Ignatov, Ken Casey, Bob Grumbine) – John Furgerson