

STAR JPSS Enterprise Algorithms Workshop – NDE Implementation of J1 Products

Date: March 30-31, 2016

Goal: Discuss S-NPP/J1 EDR Algorithms and identify land products that will be transitioned/implemented in the NDE system.

Stakeholders: JPSS STAR Algorithm Science Leads, STAR AIT, AMP, OSPO PALS, NDE, NJO

Agenda

DAY 1

Opening Remarks

| | | |
|-------|--|----------------------------------|
| 9:00 | Welcome, Logistics, Opening Remarks | Lihang Zhou |
| 9:15 | Overview of STAR Enterprise Algorithm Development | Walter Wolf |
| | JPSS Risk Reduction (JRR) Algorithms Overview | |
| 9:30 | JRR Cloud Products Overview Part I <i>Cloud Mask, Phase, Type, Top Height, Top Temperature, Top Pressure</i> | Andy Heidinger |
| 10:25 | BREAK | |
| 10:40 | JRR Cloud Products Overview Part II <i>Optical Depth, Particle Size Distribution, Liquid water, Ice water path</i> | Andy Heidinger |
| 11:15 | JRR Cryosphere Products Overview <i>Ice Concentration, Ice Surface Temperature, Ice thickness/age, Snow Cover, Fractional Snow Cover, VIIRS Polar Winds</i> | Jeff Key |
| 12:00 | LUNCH | |
| 1:00 | JRR Aerosol Products Overview <i>Aerosol Detection, AOD, APSP, Volcanic Ash Mass loading, Volcanic Ash Height</i> | Shobha Kondragunta/Istvan Laszlo |
| | J1 ESPC/NDE Products Overview | |
| 1:45 | OMPS V8 TC/NP EDR | Larry Flynn |
| 2:10 | MIRS | Mark Liu |
| 2:25 | NUCAPS | Mark Liu |
| 2:40 | Sea Surface Temperature | Alex Ignatov |
| 2:55 | Ocean Color | Menghua Wang |
| 3:10 | BREAK | |
| | NDE-Land Products (Land) | |
| 3:25 | Global Vegetation Health | Felix Kogan |
| 3:55 | Green Vegetation Fraction | Marco Vargas |
| 4:25 | Vegetation Indices | Marco Vargas |
| 4:55 | <i>Discussion/ Final Remarks</i> | |
| 5:15 | END | |

DAY 2

| | | |
|-------|---|--------------|
| 9:00 | Welcome/Logistics | |
| 9:05 | Refresh Discussion Items from yesterday | |
| | J1 Land Products | |
| 9:15 | NDE Active Fire | Ivan Csiszar |
| 9:45 | Surface Reflectance | Eric Vermote |
| 10:30 | BREAK | |
| 10:45 | Land Surface Temperature | Bob Yu |
| 11:30 | <i>Discussion Session 1</i> | |
| 12:00 | LUNCH | |
| 1:00 | Land Surface Albedo | Bob Yu |
| 1:45 | Surface Type | Jerry Zhan |
| 2:15 | Moving toward Global, gridded product | Ivan Csiszar |
| 2:45 | <i>Discussion Session 2</i> | |
| 3:15 | BREAK | |
| 3:30 | Software Implementation | AIT |
| 4:00 | IDPS Fly-out plan | Lihang Zhou |
| 4:25 | <i>Discussion Session 3</i> | |
| | - Identify risks, review items | |
| | - Discuss path forward | |
| | - Path forward, next steps | |
| 5:15 | END | |