

MODIS Technical Team Meeting
Thursday, May 13, 2004
Building 33, Room E125

Salomonson chaired the meeting. In attendance were Jack Xiong, Steve Kempler, Dorothy Hall, Chuck McClain, Barbara Conboy, Shaida Johnston, Eric Vermote, and Chris Justice, with Yolanda Harvey taking the minutes.

1.0 Upcoming Events

- AGU Joint Assembly, Montreal, Quebec, Canada. May 17-21, 2004. Deadline for abstracts: February 12, 2004 (mail) and February 19 (electronic, before 9 pm EST) <http://www.agu.org>
<http://www.agu.org/meetings/sm04/index.shtml>
- MODIS Science Team Meeting, July 13–15, 2004. Local to Greenbelt, MD, but the exact location is still to be determined. Details will be forthcoming.
- MODIS Vegetation Workshop II, University of Montana, 17 - 19 August 2004
- AIAA Space 2004 Conference and Exhibit, San Diego, California, September 28-30 2004. <http://www.aiaa.org/>
- Snow and Ice User Workshop, SSAI offices, Aerospace Building, Lanham MD. November 16-17, 2004.

2.0 Meeting Minutes

2.1 General Discussion

Salomonson discussed coordination among the MODIS groups (land, oceans, atmospheres) and the need to foster interdisciplinary activity and coherence wherever rational and possible without being restrictive. He, as a detail regarding coordination in this general area, cited the enhancements of the Level 1 products (particularly Level 1A) required for ocean color as an example where coordination may be needed to feed back enhancements to the MCST baseline Level 1 products and/or a possibility that land and atmospheres may need enhancements for their products, etc. Toward the end of helping users to keep things straight, etc., he mused about the possibility of at least labeling the different Level 1 products appropriately; e.g., L1B-O for the oceans enhanced Level 1 product. Vermote said that it is a very good suggestion given the fact that these are subsets of the full L1B only for Ocean purposes. Justice suggested getting an overview of this, including what is processed, generated, and distributed where, because it's hard to understand from the outside. Johnston said that she's been working on just such a project and will further examine these thoughts and bring back some suggestions and insights for a future discussion. In the meantime the 3 groups will also think about these matters and bring their thoughts to a future Tech Team meeting.

Salomonson confirmed that the MODIS Science Team Meeting will be held from July 13 to 15, 2004. He is working on an agenda that includes the following:

On the morning of the 13th, a plenary session will be held for topics meant to inform the general group. Following this session would be a 2-3 hour poster session. Group meetings would occupy the latter half of that

afternoon through the second day, with MCST having a special session the evening of that second day. Lunch might be provided during the poster session on the first day.

On the morning of the third day, the groups would report back their conclusions with regard to the broad thrusts being advocated for MODIS by Salomonson, and any other items they consider important. Then general discussion will occur about strategies and plans for the future. Hopefully HQ program managers may be able to attend this session and provide guidance and insight to ensure that the MODIS plans are programmatically constructive and responsive.

Bruce Ramsay NOAA/NESDIS has requested time to speak about NOAA's activities on transitioning NOAA MODIS to operations; this would be included on the third day.

Finally, there might also be a small (~\$25) registration fee to help defray costs for refreshments, etc.. The venue hasn't been picked yet. Barbara Conboy will be working on this with a planned number of attendees near 200.

2.2 Instruments

Xiong reported that both instruments are working normally with no new issues. The previously reported SRCA (Terra MODIS) 10w lamp problem has been resolved. The backup 10w lamp will be used for future calibration.

Vermote reported that the Land group and the Calibration group are working more closely with each other. Xiong reported working with Vermote and El Saleous; he's also been meeting with the Oceans and Atmospheres people. Xiong said that he's been meeting with MISR, who would like to do some calibration against MODIS' Land and Ocean data. Based on what has been done so far, the differences they found have in general been acceptable because of the wavelength and band pass differences between MODIS and MISR bands used in the comparison. They're trying to ensure that calibration is done consistently.

2.3 DAAC

Kempler reported that the DAAC updated their systems with release 7 of ECS, and as of today things are up and running again. Nothing bad happened, and the update went as well as expected. They'll be getting a feel for performance in the next few days as is the normal process.

2.4 SDST

No update given.

2.5 Oceans

McClain reported that SeaWiFS is doing fine, and that there haven't been any issues with the processing and delivery of products. They will be kicking off the Aqua reprocessing in the next day or two. They've also recently completed a various analysis and will post relevant content to their website. They made some corrections to BRDF, for example. Testing will continue, and they will show the results to the community to get feedback on what to do in the future.

Salomonson asked about the status of the SST product, and McClain said that from what he's seen so far, there are a few areas that need correcting and optimizing. They're collaborating with the University of Miami folks reaching for a convergence.

2.6 Land

Justice reported that the Land group is preparing for the upcoming Science Team meeting, and are working on creating some guidelines for new members on how to interact with and benefit from the wider science community.

3.0 Action Items

3.1 New Action Items

No new action items.

3.2 Old Action Items

3.2.1 Xiong to send Johnston an email summary of how reducing the flow of QA data to MCST would affect operations.

Status: Closed.

3.2.2 Johnston to summarize the available options and scenarios for the group to consider, as well as break down the types of data that are considered QA data.

Status: Closed.

3.2.3 Tech Team to further discuss TRW using MODIS data for validation of the NPP/NPOESS production process.

Status: Open.

3.2.4 Kempler to bring back some proposals for how the disciplines can deal with the DAAC distribution problem.

Status: Open.