

NWA Remote Sensing Committee Meeting Summary

Friday, January 7, 2010

Telecon

Meeting Participants: Dennis Buechler, Stacey Bunin, Ken Carey, Gary Ellrod, Ralph Ferraro, James Gurka, Tom Lee, Jay Martinelli, Brian Motta, Craig Nelson

1. Welcome and opening remarks (Ferraro)

This is our first meeting of 2010; several of us met in person in Norfolk, VA at the NWA annual meeting in October. For this meeting, we'll simply review our goals for 2010 (and adjust them, if needed) and review the progress for each of them as we go along.

2. Review of 2010 Goals, Status, and Actions

- **Goal 1:** *Raise awareness of the value of remote sensing capabilities, to include use of radar, profiler, lightning, satellite and GPS Meteorology (GPS-Met) data network sensors.*
 - Everyone agreed with this goal and the list of topics covered.
 - Jim Gurka expressed desire to host an upcoming GOES-R User's Conference jointly with the 2011 NWA in Birmingham (could start on Thursday and end on Friday...). Everyone agreed that this was a great idea!

Action: Gurka to draft a short paragraph justifying the joint meet that we as a committee could send up to the council for consideration (Gurka)

Subsequent note – One thing we forgot to discuss is our involvement in the planning and organization of the next NWA Annual meeting on the topic of Remote Sensing. We were sort of left out of the loop in 2009 (new co-chair error!), but I made some initial content with the organizing committee (WFO in Tuscon) while in Norfolk.

Action: Looking for a champion to serve as our interface with the 2010 organizing committee (Everyone).

- **Goal 2:** *Publish regular articles on remote sensing training and education topics in the NWA newsletter, on the NWA web site and in NWA journals, as appropriate. Have at least one joint article with another committee.*
 - We vetted through the list of papers and have already done a joint article with PD Committee via Ken. But we need to engage more committees.
 - The updated list of papers (past and future) is noted below.

Action: Complete the GOES-R User's Conference Article by January 20 (Gurka lead)

Action: Complete METSAT Award article/news item with Janice Bunting for inclusion in January newsletter (see goal 3 below as well).

Action: Develop draft of NDE article for review by February 7 (Bunin and Yoe)

Stanga	Nov-09	Severe Storms Studies	
Lee and Motta	Dec-09	Emerging new tools - Cloudsat	
Carey and Ferraro	Jan	Enhancing Professional Development - Proposed Newsletter Articles	Lead by PD Committee
Bunting, Ferraro, Carey, Gerth	Jan	METSAT Award Promotion	Joint with PD Committee
Gurka	Feb	Summary of the GOES-R Workshop	
Bunnin and Yoe	Mar	NDE	
Ellrod/Holle	Apr	ULF Lightning Network	
Buechler	May/June	Real-time lightning	Joint with Winnie Lambert/Pubs Committee
Motta and Ferraro	June/July	NCDC and Remote Sensing (including SDS program)	
Martinelli	Summer	PLOWS	
Motta/Ellrod	TBD	Remote Sensing uses in Aviation	Joint with Aviation Committee?
Ferraro and Motta	TBD	Hydrometeorological Test Bed	w/Tim Schneider

	Published
	Submitted
	Planned

- **Goal 3:** Promote and solicit applications for the NWA Meteorological Satellite Applications Award Grant (for undergraduate students). Be more proactive in our promotion of this award and get at least three applicants in 2010.
 - We need to get more than one applicant this year. Jay and Craig will be our focal points for the award. Everyone is asked to promote the award and circulate flyers when opportunities exist (Ken and Gary will be taking flyers to AMS in Atlanta and placing on Career Day table, etc.).

Action: Send out METO department mailing list to Jay (Ferraro)

Action: Brian to send Jay/Craig UNIDATA list and circulate flyer on this list as well (Motta)

Subsequent note – Ralph is working with Ruth Aiken/NWA on better promotion. NWA is developing on-line submission for METSAT; Ralph is contacting Fran Holt to discuss best path forward since she evaluates the submission.

- **Goal 4:** Participate and support scientific and technical exchanges at conference and symposia remote sensing fora
- **Goal 5:** Support the NWA awards process by developing and submitting at least one NWA annual award nomination package
 - Our group achievement award was unsuccessful in 2009, but it will remain in the queue for two more years. Stacy and Gary did a great job with this in 2009 – who wants to be our champion for this in 2010?

Action: Looking for a champion to be our lead on the 2010 package(s) (Everyone)

Action: Come to the table at the next telecon (April) with some ideas (Everyone)

- **Goal 6:** Continue to keep committee web page up to date with relevant information for NWA membership
- - Not only is Gary a great webmaster, he is a great bowler (The 2009 Annual Meeting “King Pin”). Let’s make sure the links are fresh.

Action: Review links and report any changes to Gary (Everyone)

- **Goal 7:** Develop possible partnership and leverage relationships with like-minded committees and boards such as the AMS Satellite Meteorology committee and international partners like EUMETSAT
 - Ralph mentioned that this is always a “lingering” goal that does not make much progress given the other things we do.
 - It was discussed that perhaps we could give an NWA talk/poster at the upcoming AMS Satellite Meteorology Conference (Annapolis, MD, September 2009), ask EUMETSAT to develop a joint NWA newsletter article (i.e., SEVERI data and applications) and even ask EUMETSAT to come to future NWA meeting.

Action: Seriously consider the suggestions and make some initial contact with AMS and EUMETSAT (Ralph)

- **Goal 8:** Develop advocacy letters, if needed, to ensure that the operational forecasting community has the needed remote sensing tools to monitor and predict life threatening weather events.
 - Are there any other letters we need to consider developing? Some ideas included:
 - The delay in funding to conversion to Dual Pol. Radars
 - Inadequacy of NOAA profiler network
 - Funding failures for GPS-Met at NOAA
 - It was suggested that before we move forward, we first take a look at what we have done in the past (one thought was perhaps just send these out to some of the new administrators now in office at key agencies – e.g., QuickScat since its moving forward now).

Action: Review previous letters and come prepared to discuss in earnest at next telecom (Everyone)