

NWA Remote Sensing Committee Meeting Summary

Wednesday June 30, 100 – 200 pm Eastern
Telecon

Meeting Participants: Stacy Bunin, Ken Carey, Gary Ellrod, Ralph Ferraro, Tom Lee, Jay Martinelli, Craig Nelson.

1. Welcome and opening remarks (Ferraro)

This is our third meeting of 2010; for this meeting, we'll simply go through the previous minutes and actions. Ralph noted that this was a very active 3 months for the committee and thanked everyone for their excellent contributions.

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.*
 - Planning for a potential GOES-R User's Conference (GUC) jointly with the 2011 NWA in Birmingham is progressing, however, there are still some obstacles that need to be cleared before it becomes "official". Jim Gurka and Wayne MacKenzie remain our focal point on this while Ken Carey represents both the NWA (PD Committee) and GUC. Ken mentioned that a telecon is planned for July 13 with the local organizers (NWSFO, Birmingham) that will hopefully take matters to the next level.

Action: *Gurka and MacKenzie to keep RS committee informed and continue to engage GUC and NWA leadership on the coordination of the two meetings.*

- Communication with the 2010 NWA Annual meeting organizing committee has been less than satisfactory and this was reported to Alan Gerard (who stated that this has been an overarching problem); Ken also noted that the PD committee has had the same experience. Pablo and Brian are our focal points but they have not been contacted to review abstracts, etc. All we can do is to continue to try and report our experiences to the NWA council (Ralph noted that a statement was placed in our mid-year report to the council).

Action: *Ferraro will contact the Tucson program committee to try to engage with them one last time.*

- **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.*
 - Looks like the NDE article will be coming out in next issue or two.
 - Ralph spoke with Janice Bunting and we want to rework the articles by Dave Jones and Michael Stanga; Jay has circulated a draft of his article on PLOWS which should

be completed in a few weeks; Gary is working with Ron Holle on a possible submission. Keep up the good work!

- o The updated list of papers (past and future) is noted below.

Carey and Ferraro	Sep-09	Broadcaster Workshop	Joint with PD Committee
Stanga	Nov-09	High Resolution Surface Station Network in Severe Weather Forecasting	
Lee and Motta	Dec-09	Emerging new tools - Cloudsat	
Carey and Ferraro	Feb-10	Enhancing Professional Development - Proposed Newsletter Articles	Lead by PD Committee
Bunting, Ferraro, Carey, Gerth	Feb-10	METSAT Award Promotion	Joint with PD Committee
Gurka	Apr-10	Summary of the GOES-R Workshop	
Bunnin and Yoe	June?	NDE	
Jones and Ambrose	???	Remotes Sensing/Decision Support	Needs reworking as per discussion with J. Bunting
Stanga	???	internet based GIS remote sensing through integration with the GRLevel3 Program and real time forecasting	Needs reworking as per discussion with J. Bunting
Martinelli	August?	PLOWS	
Ellrod/Holle	Sept?	ULF Lightning Network	Could be a NWA Digest or EJOM submissions
Buechler	October?	Real-time lightning - results of 2009 workshop	Joint with Winnie Lambert/Pubs Committee
Motta and Ferraro	TBD	NCDC and Remote Sensing (including SDS program)	

	Published
	Submitted
	Planned

Action: Revise and complete papers for submission during the next three months (Ferraro, Stanga, Ellrod, Buechler).

- **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.
 - o Ralph reported that only one completed submission was received, despite our excellent promotion of the award. Five other incomplete submissions were received on the NWA submission page, but Ralph noted that only two were really viable and unfortunately, those students did not get very far with their submission.

Action: Ferraro to work with Fran Holt on the paper review and serve as interface with NWA awards committee.

- **Goal 4:** Participate and support scientific and technical exchanges at conference and symposia remote sensing fora
 - o Several people will be presenting papers at the AMS Satellite Meteorology and Oceanography Conference (Annapolis, MD, September 2010). Ralph has a poster that describes the activities of the NWA Remote Sensing Committee.
 - o We did not discuss 2011 workshop in Birmingham; suggest we revisit this once we know the outcome of potential joint GUC/NWA meeting.
 - o Wayne is our focal point for the 2011 NWA meeting.
- **Goal 5:** Support the NWA awards process by developing and submitting at least one NWA annual award nomination package

- Stacy and Gary lead the development and submission of two award packages (Member of the Year and Fujita Research Achievement Awards, respectively); many thanks to their leadership on this and for those assisting them (Pam and Craig).
- **Goal 6:** *Continue to keep committee web page up to date with relevant information for NWA membership*
 - Web page is in great shape due to Gary's dedication; Brad Herold and Kevin Lavin also provide us with interesting information. Ralph noted excellent work by committee on the "Black Stratus" topic, including links added to COMET resources and for black stratus.
 - Gary added link to AMS Satellite Meteorology and Oceanography web page.
- **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*
 - At least three RS members will be serving as co-chairs at the upcoming AMS Satellite Meteorology and Oceanography Conference: Ralph, Brian and Ken. As previously mentioned, Ralph will be developing and presenting a poster that describes the activities of our RS committee.
 - Ralph also contacted EUMETSAT and they do not have any formal professional society; most is governed through the annual EUMETSAT conference. Ralph did extend an invitation to EUMETSAT to come to NWA/Tuscon, but they were not able to do so.

Action: Report experiences at the AMS meeting (Carey, Ferraro, Motta)

Action: Encourage EUMETSAT to participate at NWA 2011.

- **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.*
 - Ralph lead the development of a letter/response to the FCC's proposed auctioning of the frequency band that is currently reserved for GOES and POES satellite direct broadcast and transmission; thanks to everyone for their quick turn around on this. The letter was delivered to the FCC by NWA President and is posted on our web page. Attempts to engage AMS on this were unsuccessful. Also, there are links to our advocacy letters on the NWA home page.

Action: It was suggested that this letter be sent by NWA to other influential bodies such as congress. Ralph followed up with Steve Z. and Steve H. and they agreed; NWA will also send to FCC commissioners, etc.

**NEXT MEETING: Late September via phone or potentially in person at NWA/Tuscon
(at least 6 of us will be there).**