

WERA 1012

MANAGING AND UTILIZING PRECIPITATION
OBSERVATIONS FROM VOLUNTEER NETWORKS CONFERENCE

2014 PROGRAM AGENDA

Sunday, May 18th

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| 5:00-6:00PM | Registration/Check-In – Main Administration Building |
| 5:00-7:00PM | Dining Hall Open for Dinner |
| 7:00PM | Evening Activity – Short Park Tour -- Meet at Main Administration Building |

Monday, May 19th

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| 7:00-9:00AM | Dining Hall Open for Breakfast |
| 8:30AM | WERA 1012 Kick-off <ul style="list-style-type: none">• Welcome to 8,700 feet: Survival Guide for High Altitude, logistics for YMCA and meeting.• Welcome from Chair, David Robinson• Introductions of participants (name, organization, etc.)• Election of Officers (2016 term)/ New Goals and Objectives |
| 9:00AM | Welcome from Jeff Steiner (WERA 1012 Administrator) |
| 9:30AM | Session One: <i>The State of the Union – CoCoRaHS Status Update</i> <ul style="list-style-type: none">• Previous Year's Activities and Accomplishments – Nolan Doesken• The Pulse of the CoCoRaHS Network – Tony Bergantino |
| 10:15AM | Break |
| 10:45AM | Session Two: <i>Updates on continued improvements to the infrastructure of the CoCoRaHS network (question and answer)</i> <ul style="list-style-type: none">• New mapping and interfaces, metric, new website, mobile – Julian Turner |
| 11:45AM | Lunch (Dining Hall open for Lunch 11:30AM-1:30PM) |
| 1:30PM | Session Three: <i>Committee Reports (10 minutes each)</i> <ul style="list-style-type: none">• Precipitation Measurements – Tony Bergantino• Quality Assurance/Quality Control – Steve Hilberg• Sustainability/Funding – Henry Reges• CoCoRaHS Outreach/Training – Melissa Griffin/Noah Newman• CoCoRaHS/COOP Collaboration – Mary Knapp• March Madness Recruitment – Henry Reges |

2:30PM	Break
2:45PM	Session Four: <i>Precipitation Extremes</i> <ul style="list-style-type: none"> • The value of CoCoRaHS and various networks in identifying and assessing extreme events – Nolan Doesken • Report on the Sept 2013 Colorado Floods – <i>Doug Hultstrand, Applied Weather Associates, Colorado Springs, CO</i> • Flooding Events NWS/WFO perspective – <i>Randy Gray, Michael Nosko, NOAA/NWS, Pueblo, CO</i> • Discussion on Extreme events from across the nation – rain, hail and snow
4:45PM	Adjourn for the day
5:00-7:00PM	Dining Hall Open for Dinner
5:45-8PM	The Big Thompson River Flood Tour – Meet at Ram’s Horn

Tuesday, May 20th

7:00-9:00AM	Dining Hall Open for Breakfast
8:30AM	Session Five: <i>Interfacing and collaborating with other environmental citizen science networks</i> <ul style="list-style-type: none"> - <i>presentations from invited citizen science networks</i> - <i>discussion on challenges and victories of engaging citizens</i> • NPN – The National Phenology Network, <i>Theresa Crimmins, National Phenology Network, Tucson, AZ</i> • Project Budburst, <i>Sandra Henderson, NEON, Boulder, CO</i>
10:30AM	Break
10:45AM	Session Six: <i>Reaching under-represented audiences in citizen-science</i> <ul style="list-style-type: none"> - <i>presentations from invited speakers</i> - <i>discussion on what is working, what is not and ideas on how to reach</i> • NPN’s experiences with under-represented audiences, <i>Theresa Crimmins, National Phenology Network, Tucson, AZ</i> • CoCoRaHS Outreach in Southern New Mexico, <i>Dave DuBois, CoCoRaHS NM State Coordinator, NMSU, Las Cruces, NM</i>
12:15PM	Lunch (Dining Hall open for Lunch 11:30AM-1:30PM)
1:30PM	Session Seven: <i>Rain gauge user communities – assessing the utility of observations</i> <ul style="list-style-type: none"> • Rain gauge data used by River Forecast Centers, <i>Greg Story, NOAA/NWS/West Gulf River Forecast Center, Fort Worth, TX</i> • CoCoRaHS Data used by PRISM, <i>Chris Daly, PRISM, Oregon State Univ. Corvallis, OR</i> • Denver Water’s Use of CoCoRaHS Data, <i>Robert Steger, Denver Water, Denver, CO</i> • How to improve on what’s being provided

3:00PM	Break
3:30PM	Session Eight: CoCoRaHS – International rain gauge networks <ul style="list-style-type: none"> • CoCoRaHS Canada – An Update, <i>Ian Nichols, Weather Innovations Consulting, LP, Chatham, ON/Rick Fleetwood, Environment Canada, Fredericton, NB</i> • Expansion to the Caribbean (Puerto Rico in June 2014), <i>Victor Murphy, NOAA/NWS/Southern Region Headquarters, Fort Worth, TX</i>
5:00PM	Adjourn for the day
5:00-7:00PM	Dining Hall Open for Dinner
6:15PM	Evening Activity – Tour of Rocky Mountain National Park - Meet at Ram's Horn

Wednesday, May 21st

7:00-9:00AM	Dining Hall Open for Breakfast
8:00AM	Session Nine (Part One): NOAA's Cooperative Observing Network <ul style="list-style-type: none"> - <i>It's current state, where it's headed . . .</i> - <i>125th Anniversary plans in 2015</i> <i>Jim Zdrojewski, NOAA/NWS Headquarters, Silver Spring, MD</i> Session Nine (Part Two): NOAA's NCDC <ul style="list-style-type: none"> - <i>Short update</i> <i>Bryant Korzeniewski, NOAA/NCDC, Asheville, NC</i>
10:00AM	Break
10:30AM	Session Ten: Open Discussion/Meeting Summary/Wrap-Up <i>– Dave Robinson/Laura Edwards</i>
12:00PM	Conference Ends Lunch and Meeting Adjourn (Dining Hall open for Lunch 11:30AM-1:30PM)

What does WERA stand for?

III. WESTERN MULTISTATE PROJECTS

A. Research Projects (W)

Multistate Research Projects involve cooperative, jointly planned research employing multidisciplinary approaches in which SAESs, working with the ARS, or other college or university, cooperate to solve problems that concern more than one state and, usually, more than one region. Cooperative Extension and academic faculty are encouraged to participate if and where appropriate to meeting joint objectives.

B. Coordinating Committees (WCC)

Coordinating Committees provide a mechanism for addressing critical regional issues where multistate coordination or information exchange is appropriate within a function (i.e. research, education or extension); have expected outcomes; convey knowledge; and are peer reviewed. The work of Western Coordinating Committees can be classified into the following categories:

- Multistate research, education or extension programs with clearly established, outcome oriented, goals where research results are already available. Knowledge is conveyed utilizing methodology which results in increased understanding and effective resolution of identified needs.
- Multistate research, education or extension coordination resulting in increased communication between faculty, avoidance of unnecessary duplication and gained efficiencies in the use of resources and shared ideas.

C. Education/Extension and Research Activity (WERA)

These activities serve to integrate two or more functions (i.e., education, extension and research) on a particular topic where multistate coordination or information exchange is appropriate; have expected outcomes; convey knowledge; and are peer reviewed. The work of Western Education/Extension and Research Activity Committees can be described as follows:

- *Fully integrated research, education and extension program coordination with clearly defined, impact-oriented objectives, where results are effectively embodied in educational efforts to assist those in need.*