

Certified Consulting Meteorologists Newsletter



Volume 4, Issue 2

Summer 2013

This newsletter is intended to enhance communications between CCMs, the BCCM, and the AMS. It is published quarterly to provide information about the on-going activities of the CCM program. All CCMs are reminded that there is a location on the AMS website for a forum to facilitate communication and exchanges between CCMs. The CCM forum can be accessed via the CCM webpage at: <http://ametsoc.org/amscert/ccm/index.html>

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The Chair's Column

Dear CCM Colleagues:

I am pleased to report that your Board was faced with an excellent challenge to recommend a recipient for the Henry T. Harrison Award for Outstanding Contributions by a Consulting Meteorologist from a field of four strong nominees this year. The selection for the Award is not final yet within AMS; I look forward to sharing the announcement when finalized.



Are we already nearly half way between Annual Meetings? The theme of the 2014 AMS Annual Meeting is "Extreme Weather—Climate and the Built Environment: New Perspectives, Opportunities, and Tools." Continuing a developing tradition, a CCM Forum is planned this year following this theme under the able leadership of Gerry Mulvey, CCM. A separate article in this Newsletter contains more information on the Forum. Your AMS web site has thought-provoking information on the Meeting theme, with Call for Papers for the many conferences and symposia within the meeting. I encourage you to submit one or more proposals for presentations at this meeting. It is an excellent opportunity for your own professional development, and by using your CCM appellation as an author you are showing AMS and attendees that we remain active in our field and strive to share our knowledge.

So now enjoy the remainder of this Newsletter. Questions, comments, and suggestions on the CCM program could be directed to me: bccm.chair@gmail.com.

Paul M. Fransioli, CCM #291

2013 BCCM Chair

Chair, Board of Certified Consulting Meteorologists

American Meteorological Society

2013 AMS Summer Community Meeting

Please Mark Your Calendars!

You are invited to attend the

2013 AMS Summer Community Meeting
13-15 August 2013
Tuesday, Wednesday, and Thursday
Center Green Conference Center
University Corporation for Atmospheric Research
Boulder, Colorado

Sponsored by:
University Corporation for Atmospheric Research

The theme of the meeting is: Providing Critical Weather, Water, and Climate Infrastructure for the Nation.

Meeting website: <http://j.mp/2013-AMS-SCM>

An outline of the meeting sessions (subject to change) has been posted to the meeting website. Registration is open and all who are interested in this meeting are encouraged to sign up. Early registration rates will apply through 22 July. Please feel free to share this invitation with your friends and colleagues.

The American Meteorological Society, its Commission on the Weather and Climate Enterprise, and its Board on Enterprise Communication are proud to work with AMS Members from all sectors on a continuing basis, to advance the ability of the weather, water, and climate community to meet our nation's, and the world's demand for products and services relating to weather, climate, and other closely allied fields such as oceanography and hydrology. One tool to help achieve this goal is the AMS Summer Community Meeting.

As always, the meeting format is designed to encourage a lively interaction among the attendees and speakers, with many opportunities for one-on-one and small group networking.

Additional sponsorship opportunities are available. If interested, please contact <http://j.mp/StephanieArmstrong> at AMS.

If you have questions about the 2013 AMS Summer Community Meeting, please direct them to <http://j.mp/GaryRasmussen> at AMS.

On Monday 12 August 2013 two piggyback meetings will be held at Center Green:

1) A meeting of the recently reconstituted AMS Committee on a Nationwide Network of Networks.

The original committee, chaired by <http://j.mp/GeorgeFrederick>, has completed its work and has issued its final report. A new committee, chaired by <http://j.mp/JamesStalker> is being organized to continue the work. If you are interested in learning about the new committee and the work it is doing, you are invited to attend the NNoN committee meeting at Center Green on Monday 12 August 2013. Please contact Mr. Stalker for details..

2) Real Time Research

This meeting 12 August 2013 has been requested by <http://j.mp/SandyMacDonald> and <http://j.mp/BetsyWeatherhead>. Please contact one of them for additional information.

Thanks and Best wishes,

R. Gary Rasmussen
<http://j.mp/GaryRasmussen>

CCM Applicants Update

There have been five new applicants in 2013, for a total of twelve applicants currently in process.

2013 AMS Meetings of Interest

15th Conference on Mesoscale Processes, 6–9 August 2013, Portland, Oregon

2013 AMS Summer Community Meeting, 11–17 August, 2013, Boulder, CO

AMS Short Course on Weather Radar Calibration Laboratory, 14 Sept 2013, CSU-CHILL Site—Greeley, CO

AMS Short Course on Phased Array Radar Polarimetry, 15 Sept 2013, Breckenridge, CO

36th Conference on Radar Meteorology, 16–20 September 2013, Breckenridge, CO

AMS 19th Satellite Meteorology, Oceanography and Climatology Conference and the 2013 EUMETSAT Meteorological Satellite Conference, 16–20 September 2013, Vienna, Austria

10th Symposium on Fire and Forest Meteorology, 15–17 October 2013, Bowling Green, KY

Other Meetings of Interest in 2013

The following meetings are hosted by separate organizations.

2013 Gordon Research Conference and Gordon Research Seminar on Radiation and Climate, 7–12 July 2013, New London, NH

MEDGEO 2013—The Natural Environment & Health: Hidden Dangers, Unlimited Opportunities, 25–29 August 2013, Arlington, Virginia

Traversing New Terrain in Meteorological Modeling, Air Quality and Dispersion, 10–12 Sept 2013, Davis, CA

OCEANS '13 MTS/IEEE, 23–26 Sept 2013, San Diego, CA

Sixth WMO Data Assimilation Symposium, 7–11 Oct 2013, College Park, MD

NOAA's 38th Climate Diagnostics and Prediction Workshop, 21–25 Oct 2013, College Park, MD

14th Northeast Regional Operational Workshop (NROW), 22–23 Oct 2013, Albany, NY

Seventh Graduate Climate Conference, 1–3 Nov 2013, Woods Hole, MA

For details about these meetings see the AMS Bulletin or check the AMS website at:

<http://www.ametsoc.org/MEET/meetinfo.html>

2014 CCM Forum Call for Papers

Seventh Annual CCM Forum: Certified Consulting Meteorologists, 5 February 2014, Atlanta, Georgia

The Seventh CCM Forum, sponsored by the American Meteorological Society, and organized by the AMS Board of Certified Consulting Meteorologists, will be held 5 February 2014, as part of the 94th AMS Annual Meeting in Atlanta, Georgia. Preliminary programs, registration, hotel, and general information will be posted on the AMS Web site (<http://www.ametsoc.org/meet/annual/>) in late-September 2013.

The theme for the 2014 AMS Annual Meeting is “Extreme Weather—Climate and the Built Environment: New perspectives, opportunities, and tools.” Herein, we broadly define weather and climate extreme events to include, but not be limited to, severe storms, tornados, tropical cyclones, floods, winter storms, drought, temperature extremes, derechos, aircraft turbulence, wildfires, extreme solar activity, and ocean-land responses (e.g. storm surges, landslides, debris flows). Our society is a “built environment,” increasingly connected by cyber, energy, water, transportation, health, social, and other infrastructures—one that interacts with the natural environment through ecosystem functions supplied by wetlands, barrier islands, etc. The sustainability of this built environment and stewardship of our natural ecosystems are clearly related to quality of life. The theme is designed to explore the aforementioned “focal point” combining scientific inquiry, technological advances, societal implications, and public awareness through the lens of past, current, and future extreme weather and climate events.

Two sessions are being planned for the forum. Session 1, entitled, “Extreme Weather Consulting Opportunities: Before During and After the Events” will consist of invited papers, a panel discussion and a poster session with the following being covered:

Before: Topic Paper will focus on the opportunities consulting meteorologists have to help prepare for extreme weather. This will include the design of large scale infrastructure such as dams, flood diversion canals, levees, all the way down to engineering materials and resistant home designs.

Also included are the activities to predict extreme event characteristics and their return times.

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2014 CCM Forum Call for Papers

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During: Topic paper will focus on the consulting opportunities while extreme events are occurring. This will include forecasting opportunities immediately preceding an event (E-7 days), while the event is impacting the area of interest (E-2 DAYS to E+1 DAY). Also addressed will be nowcasting and specific impacts of control infrastructure.

After: Topic paper will focus on the consulting opportunities after the extreme events. This will include damage assessments in the days and weeks that follow. Specific focus on opportunities to assess damage to hydrological infrastructure, food infrastructure, transportation infrastructure and operations, communications, power grids, and recovery commodity flow to impacted areas

These three invited papers will be followed by a discussion among a panel of experts addressing the role of consulting meteorologists in extreme weather events and issues raised by the audience.

Session 2, entitled, "Extreme Weather Tools for the Private Sector: Current and Future Tools – Needs and Realities and Satisfying the Growing Demand", will focus on two aspects of private sector meteorology as it relates to extreme weather; namely current state of tools and the role of the CCM community.

For this session, the first topic area will start with invited paper on the current state of tools used to forecast extreme weather and the advances in observations, modeling, and applications that can be explored and considered in the future. This presentation will be followed by an open discussion with a panel of experts on this same topic

The second topic area will follow the same format with an invited paper and an open discussion with a panel of experts on how the CCM community can help meet the demand to promote scientific inquiry, technological advances, societal implications, and public awareness related to extreme weather events.

The session is designed to also accommodate posters. CCM may submit posters on the any of the topic areas for the poster session. Submissions will be accepted from active CCMs and students. Students are strongly encouraged to participate in the session. To foster student participation, awards are available for the student submittals. The winning student posters will be displayed as part of the CCM poster session. The student poster competition is open to students enrolled in a degree granting institution majoring in any of the hydrometeorological sciences.

The \$95 abstract fee includes the submission of your abstract, the posting of your extended abstract, and the uploading and recording of your presentation which will be archived on the AMS Web site.

Please submit your abstract electronically via the Web by 1 August 2013 (refer to the AMS Web page at http://www.ametsoc.org/meet/online_submit.html). An abstract fee of \$95 (payable by credit card or purchase order) is charged at the time of submission (refundable only if abstract is not accepted).

Authors of accepted presentations will be notified via e-mail by late-September 2013. All extended abstracts are to be submitted electronically and will be available on-line via the Web. Instructions for formatting extended abstracts will be posted on the AMS Web site. Authors have the option to submit manuscripts (up to 10 MB) electronically by 6 March 2014. All abstracts, extended abstracts and presentations will be available on the AMS Web site at no cost.

For additional information please contact the program chairperson, Gerry Mulvey at Irish69th@msn.com.



Your input needed...

Fellow CCMs,

All CCMs are encouraged to submit items for this quarterly newsletter. We would like at least one article from a CCM about what they are doing for each issue. Have you recently been involved in an interesting case? Learned something new in the field or hit an unforeseen snag in your practice of meteorology? Let your fellow CCMs benefit from your experience - write a one-two page article for the CCM newsletter. Surely each of us has a piece of knowledge which is not proprietary and might contribute to the overall level of professionalism among CCMs. Please share by sending your MS Word format article to dick.westergard@shadetreemeteorology.com or Jennifer.M.Call@gmail.com. Thanks!

Your newsletter editorial volunteers,

Jen Call and Dick Westergard

CCM Program Questions?

If you have any questions about the CCM program - including questions from others interested in applying for certification—you can either refer them to the AMS web site:

(<http://www.ametsoc.org/amscert/index.html#ccm>)

or, if they are looking for someone to actually talk to, feel free to refer them to a BCCM member. If the board member is unable to directly answer specific questions they will either refer the questioner to the chair or help them find the answer.