

Certified Consulting Meteorologists Newsletter



Volume 2, Issue 3

Spring 2012

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

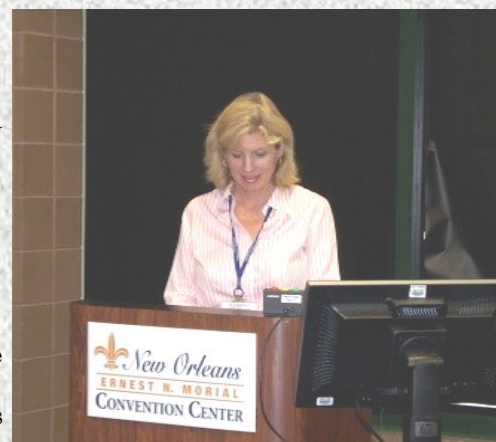
Dear CCM Colleagues:

Thank you for your support as the new Chair of the Board. The CCM program has a lot of new items on our agenda this year. These include a much more active presence in the social media including Facebook and LinkedIn. I encourage all of you to "like" our Facebook page <https://www.facebook.com/CertifiedConsultingMeteorologist>.

The Facebook page will be open for everyone to view. Be sure to follow the link above as there is another CCM facebook page but it is just a Wikipedia posting and we do not know who put this page up.

The LinkedIn page will be accessed and open **only** to CCMs. As of writing this article there are currently 37 members of the LinkedIn page. Thank you to Tim Hall, CCM,

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Chair, Dr. Elizabeth Austin

Call for Nominations for the Henry T. Harrison Award for Outstanding Contributions by a Consulting Meteorologist

The Henry T. Harrison Award for Outstanding Contributions by a Consulting Meteorologist was established in 2011 to annually recognize a consulting meteorologist for outstanding contributions to the profession, clients, and society. Nominations must be submitted by May 1st and the award will be made at the 2013 annual meeting.

Nominees should demonstrate expertise in weather or climate and their applications, adherence to ethical behavior, and a high level of service to clients and/or the weather and climate enterprise. Nominations are considered by the Board of Certified Consulting Meteorologists which makes recommendations for final approval by the AMS Council.

Please consider nominating a colleague for this award. Since this is the first year of its existence, receiving the award will be particularly meaningful to the person who is selected as the first recipient.

Award Nomination Procedures:

- Nominations must be submitted electronically to the website, <http://www.ametsoc.org/awards/>.

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The Chair's Column

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and Tim Dye, CCM and Board Member, for setting up these pages and monitoring them for us. You must join LinkedIn (it is free) first before requesting to join the Certified Consulting Meteorologists' page. Once you join LinkedIn (or if you are already a member) then just type in "Certified Consulting Meteorologist" in the search box on the top right to search for our group. We anticipate the LinkedIn site as being an easy way for CCMs to communicate with each other and keep us all abreast of news, developments and items of interest to CCMs.

We are also seeking to have a photograph of each CCM on the CCM Directory (AMS web site). We request that all CCMs please submit a photo you would like to have associated with your CCM directory link to: Heather Foster at: Heather@WeatherExtreme.com as she is going to keep the directory of photos. Also, if any changes are needed to one's listing on the AMS site please pass these along too and we will see that it is updated.

We have a new catalog of 2012 written exam questions; however, we are always seeking more questions to add variety and to keep up with the changes in our field. In particular, questions are sought in the areas of consulting meteorology, alternative energy, climate change and operational meteorology (e.g., dual polarization radar, etc.). Please consider sending in at least one question with the answer AND references.

Thank you to everyone who participated in the very successful short course, *The Art & Science of Forensic Meteorology* which was held at the Annual Meeting this past January in New Orleans. The course was sponsored by the CCM Board, the AMS and the National Council of Industrial Meteorologists. We had 30 participants and it has been suggested that we provide a similar short course in 2-3 years from now.



Forensic Short Course Attendees

We have eleven CCM committees and each committee with the respective members is listed below. Please feel free to contact any of the committee members should you have any questions, thoughts or ideas.

Broadcast Committee (Committee to work with CBM's):

Tim Dye, Mike Mogil

Candidate Grading Committee:

Mike Mogil, Buddy Ritchie, Esmail Malek

Written / Oral Test Committee:

Jerry Hill, Jay Shafer, Paul Fransioli, Dick Westergard, Esmail Malek

Newsletter:

Jerry Hill, Dick Westergard

Professional Status Committee (Group to try to foster awareness of CCMs within the AMS, CCM Forum, Panel, etc.):

Mike Mogil, Tim Dye, Dick Westergard, Gerry Mulvey

Marketing Committee:

Tim Dye, Dick Westergard

Professional Development Committee:

Paul Fransioli, Gerry Mulvey

Facebook / LinkedIn Committee:

Tim Dye, Tim Hall (CCM not on Board)

Grading Guidelines:

Jay Rosenthal, Tim Dye, Jason Shafer, Esmail Malek

New Exam Questions Committee:

Jay Rosenthal, Paul Fransioli

Henry Harrison Award Nominations Committee:

Jerry Hill, Joe Chang, Gerry Mulvey, Esmail Malek, Mike Mogil

Please feel free to email me (ccm@weatherextreme.com) or call my office (775) 636-8553 with any CCM questions, concerns or comments. I look forward to working with all of you throughout 2013.

Elizabeth J. Austin, Ph.D., CCM#572

Chair, Board of Certified Consulting Meteorologists
American Meteorological Society

Call for Nominations (Continued from page 1)

- b. The nomination is to include a proposed citation of 25 words or less; a nomination letter not to exceed three pages; a curriculum vitae of no more than two pages; a bibliography limited to at most three pages; and three letters of support, each no longer than three pages. The award committee will give the highest consideration to letters received from institutions unrelated to that of the nominee.
- c. Nominations for the Henry Harrison award will remain active for three years, and updated information may be submitted for consideration in the second and third year.

Status of CCM Candidates

2011 Candidates:

- Candidates ready for oral exam: 2
- Candidates with exam assigned: 3
- Candidates with exams/reports being graded: 3

2012 Candidates:

- New applications received in 2012: 2

New CCMs

Since the last newsletter was published, the following meteorologists have completed all requirements for certification and were added to the roll of active CCMs:

- Lance Steele, Norman, OK, CCM 679
- Richard Walker, Jr., St. Paul, MN, CCM 680
- Stephen Mark Leidner, Norman, OK, CCM 681
- Ronald Lowther, Boulder, CO, CCM 682
- Daniel Lennartson, Burnsville, MN, CCM 683

Successful Town Hall Meeting Held at 2012 CCM Forum

As part of the CCM Forum held during the annual meeting a town hall session was organized on the topic of **The Role of Ethics in the Business of Meteorological Consulting and Research**. The session consisted of two parts. The first was a keynote presentation by Prof. Marsha Baum, Regents Professor of Law at the University of New Mexico. Prof. Baum currently teaches a course titled *Weather in U.S. Law and Society*. The subject of her presentation was: *Is it law or is it ethics?* Professor Baum is also the author of the book *When Nature Strikes, Weather Disasters and the Law*.



Prof. Baum with Session Moderator Gerry Mulvey.

The keynote presentation was followed by a panel discussion on the topic of contemporary ethics problems facing the meteorology community.



Ethics Panelists. From left: Jerry Hill, Moderator, Prof. Marsha Ball, Univ. of New Mexico; Gale F. Hoffnagle, TRC Environmental Corporation; Bernard N. Meisner, NOAA/NWS Southern Region Headquarters; Roberta M. Currier, Northrop Grumman Aerospace Sector; Jill F. Hasling, Weather Research Center; and Stanley Marsh, Southern California Edison.

Continuing Professional Development

All CCMs are reminded of the requirement to obtain continuing professional development points and update their activities using the online tracking system. Your records need to be updated at least every five years. There are a variety of ways to obtain points, including on-line learning courses. The COMET program continues to add many new offerings on the MetEd site at: <https://www.meted.ucar.edu>.

Points are also awarded for attending and participating in technical conferences. Some of the AMS's upcoming meetings and other meetings of interest this year are:

AMS Specialty Conferences

2012 AMS Washington Forum, April 10-12, 2012, University of California Washington Center, Washington DC

30th Conference on Hurricanes and Tropical Meteorology, 15-20 April 2012, Ponte Vedra Beach, Florida

30th Conference on Agricultural and Forest Meteorology, 27 May–1 June 2012, Boston, MA

First Conference on Atmospheric Biogeosciences, 27 May–1 June 2012, Boston, MA

AMS 25th Conference on Weather Analysis and Forecasting (WAF) and the 21st Conference on Numerical Weather Prediction (NW) Jointly with the 46th Canadian Meteorological and Oceanographical Society (CMOS) Congress 2012, 29 May–1 June 2012, Montreal, Quebec, Canada

20th Symposium on Boundary Layers and Turbulence, 8–13 July 2012, Boston, Massachusetts

18th Conference on Air-Sea Interaction, 8–13 July 2012, Boston, Massachusetts

10th Symposium on the Urban Environment and the Eight International Conference on Urban Climate (ICUC8) 6–10 August 2012, Dublin, Ireland

2012 AMS Summer Community Meeting: Weather Ready Nation 13–17 August, 2012, Norman, OK

40th Broadcast Meteorology Conference, 22-24 August 2012, Boston, MA

15th Conference on Mountain Meteorology, 20–24 August 2012, Steamboat Springs, Colorado

26th Conference on Severe Local Storms, 5–8 November 2012, Nashville, Tennessee

Other Meetings of Interest

16th Annual Severe Storms and Doppler Radar Conference, 29–31 March 2012, Ankeny, IA

Fourth WCRP International Conference on Reanalyses, 7–11 May 2012, Silver Spring, Maryland

The Board of Certified Consulting Meteorologists

Members serving on the board during 2012 are:

Terms Expiring 2013:

- ☐ Elizabeth J. Austin, CCM 572
- ☐ Gerry Mulley, CCM 571
- ☐ Jerry D. Hill, P.E., CCM 151

Terms Expiring 2014:

- ☐ Timothy Scott Dye, CCM 619
- ☐ Paul M. Fransioli, CCM 291
- ☐ H. Michael Mogil, CCM 391, CBM 334

Terms Expiring 2015:

- ☐ Buddy A. Richie, CCM 648
- ☐ Jason Shafer, CCM 662
- ☐ Dick Westergard, CCM 632

Terms Expiring 2016:

- ☐ Joseph Chia-Yung Chang, CCM 553
- ☐ Esmail Malek, CCM 667
- ☐ Jay Rosenthal, CCM 602

Ex Officio Members:

- ☐ Jay J. Trobec, CCM 665, AMS Commission on Professional Affairs.
- ☐ Kelly Savoie, AMS Manager, Marketing/Special Programs

Annual CCM Board Meeting

The CCM board met during the 2012 annual AMS meeting in New Orleans to conduct business and hold oral examinations for CCM candidates. All members of the board were able to attend at least a portion of the meeting sessions. There were seven candidates who appeared for the oral examinations at this time.

Dr. Elizabeth Austin, President of Weather Extreme, was selected by the members to chair the board in 2012.

The board acknowledged the service of three members who rotated off the board this year after serving their four-year terms. They were Ken Underwood, John Henz, and the outgoing chair, Bernard Meisner.



Board member Steve Harned has resigned from the board in order to devote more time to his work as Executive Director of the National Weather Association. Dr. Gerry Mulvey was named to serve the final year of Steve's term on the board.

The CCM Board holds bi-monthly CCM Board conference calls in addition to the meetings held at the Annual AMS Meetings. If any CCM's wish to have an item placed on our agenda please call or email the chair or one of the board members. The bi-monthly meetings are scheduled for the third Thursday of the month: March 15, May 17, July 19, September 20 and November 15.



CCM Profiles

Kelly Savoie at AMS Headquarters has alerted us to the fact that there is only one CCM profile to publish in the monthly AMS Bulletin. These are profiles that have been provided by various CCMs to help promote the program. If you have not submitted a profile in the past, please consider participating and writing a bit about yourself.

You can view profiles that have already been published online at:

<http://www.ametsoc.org/amscert/ccm/ccmprofiles.html>. To submit your profile please contact Kelly Savoie at AMS headquarters ksavoie@ametsoc.org.

Preliminary Findings from Survey of AMS Members on Climate Change Perspectives

In early 2011, the American Meteorological Society (AMS) Commission on the Weather and Climate Enterprise (CWCE) established the Committee to Improve Climate Change Communication (CICCC) to help facilitate communication among members of the weather and climate community so as to foster greater understanding about the spectrum of views on climate change through various forums and mechanisms.

To that end, CICCC collaborated with Dr. Ed Maibach at George Mason University (GMU) to assess AMS members' perspectives about climate change. Specifically, CICCC hoped to learn AMS member perspectives on a variety of issues pertaining to climate change including: their assessment of the evidence, their perception of conflict among our members, their views about AMS's role in public education, and their personal involvement in public education activities.

On December 29, 2011 the survey was distributed and we are able to share the preliminary results. This report has been vetted among the CICCC members and GMU. These results represent a sample obtained from the voting membership of AMS in order to better understand the varied perspectives that are contained within the AMS. The document may be viewed at:

<http://www.ametsoc.org/boardpges/cwce/docs/BEC/CICCC/2012-02-AMS-Member-Survey-Preliminary-Findings.pdf>

All CCMs are encouraged to submit items for this quarterly newsletter. To submit items please forward them to the Newsletter editor, Jerry Hill, at jerryd_hill@sbcglobal.net

2013 CCM Forum Planning

John Henz, Chair of the 2012 CCM Forum has successfully passed the leadership role for the 2013, 6th CCM Forum, to Gerry Mulvey. Gerry is enthusiastically working on the program. The theme for the AMS Annual Meeting in 2013 is *"Taking Predictions to the Next Level: Expanding Beyond Today's Weather and Climate Forecasts and Projections"*. He has formulated a program plan based on successes over several past years with a combination of presentations and a discussion panel. With your help, the forum can expand into the poster session area.

The purpose of this forum is to provide a vehicle for CCMs to describe the valuable work they perform daily to design future systems and projects. It will also allow CCMs to describe how weather prediction models are used to address the needs of their clients.

The annual meeting will be held in Austin, TX January 6-10, 2013 and the CCM Forum is usually conducted on Wednesday. Papers are solicited from CCM's for the morning forum session that reflects the use of weather models in the solution of engineering/analysis problems in the CCM community. Potential topics span:

- Air Quality
- Remote Sensing System Design
- Weather Product generation
- Forensic Meteorology
- Transportation
 - Aviation
 - Shipping
 - Road Management
- Alternate Energy
 - Solar and wind energy "prospecting"
 - Spatial Diversity
- Flood Control System Design
 - Flood Analysis
 - Prediction
 - Facility Design
 - Management
- Applications of Water Resources and Hydrometeorological Analyses
 - Drainage
 - Land Use
 - Facility Design

- Emergency Response Planning and Operations (Public Health)
 - Hurricanes (Coastal / Ocean)
 - Inland Floods
 - Sand Storms
 - Severe Weather
- Space Weather
- Agriculture
- Homeland Security

The poster session will be used to include additional examples of how CCM's use models. Authors of papers and posters are encouraged to address the use of models as opposed to the model technical descriptions or performance.

The panel Session will focus on the use of proprietary NWP models vs. publicly available models. It will address:

- Validation
- Peer Reviewed vs. Competitive Advantage
- Customer perception
- Obligation to the Science Community

There is a potential for a joint session with the Hydrometeorology Conference that is being explored

To submit a paper go to the AMS website where the call for papers is located. It can be found at:

<http://annual.ametsoc.org/2013/index.cfm/call-for-papers/>

The abstract submission deadline is August 1st.

CCM Board Seeks Questions for Written Examination

The Board continues to seek questions in all topic areas for the CCM written examination. Please consider submitting a question or two, perhaps based on your own experience as a consultant.

This year CCM board member Jay Rosenthal is coordinating the updates of the questions that are in our catalog. Please submit your questions and answers, with any appropriate references and comments for graders to Jay at: AirWeather@aol.com