

Certified Consulting Meteorologists Newsletter



Volume 2, Issue 4

SUMMER 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:

The year is progressing quickly. It is now time to begin to start thinking about the AMS Annual Meeting in Austin Texas (January 6-10, 2013). The theme of the meeting is "Taking Predictions to the Next Level: Expanding Beyond Today's Weather, Water and Climate Forecasting and Projections". Dr. Gerry Mulvey, CCM, is the Chair of the Sixth Annual CCM Forum for 2013 (being held at the AMS Meeting) and I encourage all of you to consider submitting an abstract for the forum. More information on the forum is contained in this newsletter.

Also, I would like to make a last call for anyone interested in serving on the CCM Board beginning next year to please send me an email along with a paragraph or two about yourself and why you are interested in serving on the CCM Board. We have some wonderful candidates to date but I want to be sure to give all CCM's the chance to apply! If you are interested please send me your information by July 15, 2012. The term of office is four years commencing in January.

Thank you to those CCM's who have submitted a photograph of themselves. We are again requesting that all CCM's please send a photo of themselves (does not need to be a head shot) that they wish posted on the CCM Facebook page,

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CCM Profile - Robert Simpson, CCM 142

CCM Robert Simpson was the subject of a recent article in *USA Today* upon the occasion of reaching his 100th birthday. The article can be found at:

<http://www.usatoday.com/weather/hurricane/story/2012-06-13/hurricane-simpson/55605488/1>

Simpson has had an illustrious career in meteorology and is perhaps best known as the co-developer of the Safir-Simpson hurricane intensity scale. He applied for his first job with the Weather Bureau in 1939 and spent much of his career working in tropical meteorology. He served as Deputy Director of the weather service and later as Director of the Hurricane Center until he retired from government service in 1974. Since that time he has been engaged as a consulting meteorologist.



In 1989 Simpson sat down for an interview with fellow meteorologist Edward Zipser and provided a fascinating history of early hurricane research and investigations. The entire interview can be read at:

<http://www.scribd.com/AxX1om/d/61345473-American-Meteorological-Society-Interview-Robert-H-Simpson-1989>

The Chair's Column

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LinkedIn page, and hopefully the CCM Directory on the AMS site (currently being updated). Please send your photo to: Heather Foster at:

Heather@WeatherExtreme.com as she is going to keep the directory of them. Also, any changes needed to one's listing on the AMS site please pass this along too and we will see that it is updated. You may also submit any news items and photos about yourself or your company that you wish to have posted on our CCM social media pages.

The CCM Board was able to hold two regional exams recently because three board members and five CCMs gave of their time and talent. The board members were Esmail Malek, Jay Rosenthal and Buddy Ritchie. Special thanks to Howard W. Balentine, Jason P. Finley, Steven R. Marks, Bart C. Hagemeyer, and Carlton R. Parks. These gentlemen ensured a continuing high level of professional competency, and mature and ethical counsel in the field of consulting meteorology.

Please feel free to email me (ccm@weatherextreme.com) or call my office (775) 636-8553 with any CCM questions, concerns or comments.

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

Chair, Board of Certified Consulting Meteorologists

AMS Volunteer Opportunities

The AMS Council is currently soliciting volunteers to serve on the drafting committee for statements issued by the Society. The following statements are under review:

- Mobile Homes and Severe Windstorms
- Tornado Preparedness and Safety
- Weather Analysis and Forecasting
- Lightning Safety
- Prediction and Mitigation of Flash Floods

If you would like to be considered for service on the drafting committee, please send your name and contact information with a brief description of your background to the AMS Council at the following e-mail address:

drafting_committee@ametsoc.org.

Publications of Interest

The May issue of *BAMS* has an article that should be of interest to all CCMs, regardless of whether the clients being served are inside or outside of your organization. It is titled *Using a Business Process Model as a Central Organization Construct for an Undergraduate Weather Forecasting Course*. It was written by John Lanicci, who is in the Meteorology Program at Embry-Riddle Aeronautical University. The article describes how a course has been developed to teach students about a decision model concept where an understanding of a business's processes allows weather forecast information to be converted into impact information and decision aids for decision making processes.

Ethics Articles

The Board of Certified Consulting Meteorologists and the National Council of Industrial Meteorologists have encouraged a series of articles to explore the ethical issues that can be encountered conducting business in the meteorological community. CCMs Gerry Mulvey and Jerry Hill have authored several articles that have been accepted for publication in the Bulletin of the AMS. The first article, *Business Ethics For Professional Meteorology, Expectations and Satisfied Customers*, appears in the June issue.

The purpose of the articles is to initiate a discussion within the broader membership about how the professional guidelines section of the AMS constitution comes to life in the conduct of everyday life of professional meteorologists. CCMs who have suggestions about topics that might be appropriate for the series are encouraged to contact the authors.

CCM Profiles

Kelly Savoie at AMS Headquarters continues to look for CCM profiles 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.

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

The **COMET** Program has announced the release of Microwave Remote Sensing: Overview, 2nd Edition. This module includes updates to the original module published in 2006 that reflect changes to the satellite programs and microwave sensing capabilities deployed on the recently launched Suomi NPP polar-orbiting satellite and planned for future JPSS satellites.

This module presents an overview of space-based microwave remote sensing for environmental applications with a focus on meteorological applications. It delivers basic information on polar-orbiting satellite characteristics, current microwave instruments, and the products they provide. Special attention is given to the newer capabilities of the U.S.'s Suomi NPP (National Polar-orbiting Partnership) and future JPSS (Joint Polar Satellite System) satellites with additional information included for those missions being operated by international partners.

This module also serves as an introduction to other, more in-depth modules covering the science and application of cloud, precipitation, water vapor, and land and sea surface observations. Please follow this link to the MetEd description page that provides additional information and a link to begin the module: https://www.meted.ucar.edu/training_module.php?id=979.

Non-NWS Meteorologist Dual Polarization Radar Course

AMS CCMs may earn professional development points by completing the Non-NWS Meteorologists Dual Pol radar course being offered by the Warning Decision Training Branch. The course is approximately 8 hours in length and would be worth 4 AMS professional development points under number 1 of the professional development table of activities:

- 1) Successful completion of professionally related formal training activity: Activities include

short courses, on-line learning courses, seminars, or similar learning experiences of at least one hour in length. 0.500 point per each hour of training activity

For more information on the course, please see: <http://wdtb.noaa.gov/courses/dualpol/Outreach/index.html#mets>.

Once you have completed the course please send all completed units to Faith Borden so that she may write a letter of completion on your behalf. Her contact information is as follows:

Faith Borden
Warning Coordination Meteorologist
NWS Las Vegas Weather Forecast Office
7851 S. Dean Martin Dr.
Las Vegas, NV 89139-6628
tel: (702) 263-9744

AMS 2013 Annual Meeting and CCM Forum

Mark your calendars and make preliminary plans to attend the 2013 annual meeting of the AMS that will be held January 6-10 in Austin, Texas. The theme for the 2013 AMS Annual Meeting will be "Taking Predictions to the Next Level: Expanding Beyond Today's Weather, Water, and Climate Forecasting and Projections."

We are rapidly approaching the end date for abstracts for next year's CCM Forum. Chairperson Gerry Mulvey is extending a warm invitation to each of you to think seriously about what you can contribute to the event. Not only can you help bolster the image of a CCM but you can describe what your company contributes to the science.

Mark your calendars and submit your abstracts now. For more information about the forum and to submit an abstract please go to: <http://annual.ametsoc.org/2013/index.cfm/programs-and-events/conferences-and-symposia/sixth-annual-ccm-forum-certified-consulting-meteorologists-taking-prediction-beyond-climate-and-weather-the-ccme28099s-tools-for-providing-solutions-to-real-world-problems/>

2012 AMS Meetings of Interest

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

18th Conference on Air-Sea Interaction, 8–12 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

AMS Short Course: From Climate to Space: Hot Topics for the Station Scientist, 24 August 2012, Brookline, Massachusetts

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

AMS/AGU Heads and Chairs Meeting, 18–19 October 2012, Boulder, Colorado

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

Other Meetings of Interest in 2012

The following meetings are hosted by separate organizations.

Fourth Tri-State Weather Conference, 13 October 2012, Danbury, Connecticut

NOAA's 37th Climate Diagnostics and Prediction Workshop, 22–25 October, 2012, Fort Collins, Colorado

Second LAPS User Workshop, 23–25 October 2012, Boulder, Colorado

2012 Conference on Intelligent Data Understanding, 24–26 October 2012, Boulder, Colorado

for details about these meetings see the AMS Bulletin or check the AMS website at:
<http://www.ametsoc.org/MEET/meetinfo.html>

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

The deadline for nominations for the Henry T. Harrison Award for Outstanding Contributions by a Consulting Meteorologist was May 1st and no nominations were received. Therefore the award will not be presented this year.

There are many consulting meteorologists who have performed notable work that needs to be acknowledged. It is unfortunate that their colleagues did not see fit to submit the required nomination material. The CCM board will evaluate nominations next year and participation in this type of recognition is highly encouraged.

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

New CCMs

Since the last newsletter was published, one additional meteorologist has completed all requirements for certification and has been added to the roll of active CCMs: He is Stephen Masters, Melbourne, FL, CCM 684

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
- ☐ Esmaiel 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

Four CCMs Newly Elected to the Rank of Fellow of the AMS

Congratulations to the CCMs included in the most recent class of AMS fellows announced at the annual meeting in New Orleans. The following CCMs were included in the class:

- Mark D. Powell
- Steven Root
- Roland Stull
- Eugene Takle

According to the AMS Constitution "Those eligible for election to Fellow shall have made outstanding contributions to the atmospheric or related oceanic or hydrologic sciences or their applications during a substantial period of years." If you have a colleague that you believe merits consideration for recognition as a Fellow of the AMS please think about making a nomination. Information about the nomination process can be found on the AMS website at:

<http://www.ametsoc.org/awards/fellowsnominationprocedure.html>.

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