

The American Meteorological Society

Certified Consulting Meteorologists

Newsletter

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Summer 2016

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. Please remember to use the **CCM LinkedIn page** for your communication and exchanges between CCMs.

Alicia Wasula, and Larry Peabody
CCM Newsletter Editors
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CCM Newsletter Managing Editors

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The Chair's Column



Dear CCM Colleagues:

The year is progressing quickly and it is now time to begin thinking about the AMS Annual Meeting in Seattle, WA (22-26 January, 2017). With the theme "Observations Lead the Way," the 2017 AMS Annual Meeting unifies the Society's vision of where the field is right now, and how it will advance in the future. The BCCM decided to forgo the CCM Forum for 2017 and instead focus greater efforts on organizing a short course for the 2018 AMS Annual Meeting, as much interest has been expressed in past short courses offered by CCMs. I still encourage all of you to consider looking through the 2017 Conferences and Symposia and submitting an abstract. Also, if you are interested in helping organize a short course or discuss the CCM Forum for 2018, please contact me as now is the time to begin planning for that meeting.

I would also like to make a last call for anyone interested in serving on the CCM Board beginning at the 2017 Annual Meeting to please send me an email, along with a paragraph or two about yourself and why you are interested in serving on the Board. If you desire more information, or wish to be considered, please contact me by July 22, 2016. The term of office is four years.

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 three strong nominees this year. I look forward to sharing the announcement once it is finalized within the AMS. Thank you to all who participated in the nomination process!

The BCCM was able to hold one regional exam recently because one board member, Ron Baskett, and two CCMs, Jan Null and John Monteverdi, gave of their time and talent. Special thanks to these individuals for

ensuring a continued high level of professional competency and ethical counsel in the field of consulting meteorology.

We currently only have three candidates awaiting an oral exam and two candidates working on the written exam, which means this is a good time to encourage your qualified colleagues to apply for certification. As always, if you have any questions about the BCCM or would like to refer potential new CCMs to someone who can answer their questions about the CCM process, please contact me at bccm.chair@gmail.com.

Jennifer M. Call, CCM #674
Chair, Board of Certified Consulting Meteorologists
American Meteorological Society ■

New CCMs

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

Adam Pasch, CCM #727 ■

Quarterly Announcement from COMET

This update includes continuing education training in four main topic areas: NWP, Ocean science, Satellite Meteorology, and Communicating Weather Risks. Please look below for highlights of COMET's newest publications on MetEd.

New Lessons

NWP:

- [HiresW HREF Upgrade](#)
- [Statistical Methods in the NWS National Blend of Global Models](#)
- [Verification Methods in the NWS National Blend of Global Models](#)
- [Short-Range Ensemble Forecast Upgrade](#)

Ocean Science:

- [Ocean Acidification](#)
- [Real-time Storm Surge Products](#)
- [TsunamiReady: Guidelines for Mitigation, Preparedness, and Response](#)

Abstract Submission Deadline for AMS Annual Meeting



The abstract submission deadline for the 97th AMS Annual Meeting in Seattle is 1 August 2016. If you are interested in submitting an abstract to one of the many conferences being offered, you may do so [online](#). ■

Satellite Meteorology:

- [JPSS River Ice and Flood Products](#)
- [The Science of Radio Occultation and the COSMIC Mission](#)
- [Forecasting Sensible Weather from Water Vapour Imagery](#)

Communicating Weather Risks:

- [Best Practices in Tropical Cyclone Briefings](#)
- [Communicating Forecast Uncertainty](#)

Spanish Lesson:

- [Variabilidad y cambio climáticos para la gestión de los recursos hídricos, edición internacional](#)

French Lessons:

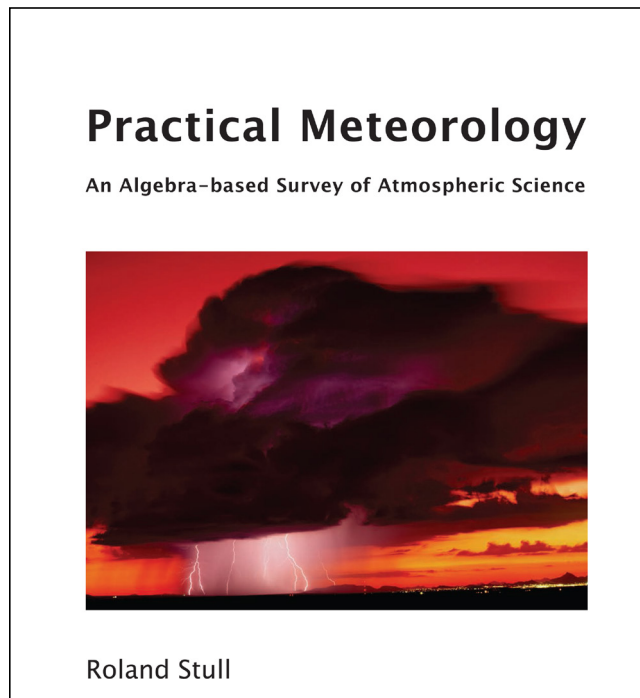
- [Notions de météorologie dynamique : Vent thermique](#)
- [Cycle de vie des vagues I : Génération des vagues](#)
- [Cycle de vie des vagues II : Propagation et dispersion](#)

Currently, these materials are freely available to everyone, courtesy of our primary sponsors. They are NOAA's NWS, NESDIS and NOS programs, EU-METSAT, the Naval Meteorology and Oceanography

Command, the Meteorological Service of Canada, Bureau of Meteorology, and the USACE and DOI/Reclamation. ■

Book Announcement: *Practical Meteorology: An Algebra-based Survey of Atmospheric Science*

Contributed by Roland Stull, CCM (#490)



Stull, R., 2015: "Practical Meteorology: An Algebra-based Survey of Atmospheric Science." Univ. of British Columbia. 938 pages. ISBN 978-0-88865-176-1.

This book is freely available online to everyone via a Creative Commons license. Individual chapters can be downloaded as pdfs [here](#).

The book is quantitative and comprehensive, with algebraic versions of the equations describing atmospheric dynamics, physics, and thermodynamics. It is useful for scientists and engineers who want to understand and use the concepts, but who do not need the derivations.

- Designed for both students & professionals
- Solved examples for nearly every equation
- Hundreds of tables, figures, and graphs
- As a reference, it includes an extensive index.
- As a textbook, it has end-of-chapter exercises.

Covers:

- Thunderstorms, Hurricanes, Tornadoes
- Cyclones, Fronts, Airmasses, Weather Maps
- Numerical Weather Prediction, Radars, Satellites
- Air Pollution Dispersion, Boundary Layers
- Global Circulation, Natural Climate Processes
- Clouds, Precipitation, Moisture, Stability
- Atmospheric Structure, Heat, Radiation
- Dynamics, Winds, Atmospheric Optics

Useful as a Textbook and Reference for:

- Meteorology
- Atmospheric Science
- Environmental Science and Engineering
- Physical Geography and Climatology
- Air Quality Meteorology
- Anyone interested in the weather.

About the Author:

Roland Stull holds a Bachelor's degree in Chemical Engineering and a Ph.D. in Atmospheric Science. He is a Certified Flight Instructor (CFI) and a Certified Consulting Meteorologist (CCM) in the USA. Stull is a professor of Atmospheric Science at the University of British Columbia, Canada. He is a fellow of both the American Meteorological Society (AMS) and the Canadian Meteorological and Oceanographic Society (CMOS). He is author or co-author of over 100 scientific journal papers, and he wrote two single-author books. ■

Connect on Social Media

LinkedIn

The LinkedIn page is becoming more active. If you have not joined, please do! The LinkedIn page is accessible and open only to CCMs. You must join LinkedIn (it is free) first before requesting to join the CCM page. Once you join LinkedIn (or if you are already a member), then just simply type "Certified Consulting Meteorologist" in the search box on the top right to search for our group. We anticipate the LinkedIn site to be an easy way for CCMs to communicate with each other and keep us all abreast of news, developments, and items of interest to CCMs.



Facebook

For all CCMs, colleagues, and the general public, we have a CCM Facebook page. It can be found by searching in Facebook for "Certified Consulting Meteorologist (CCM)." This page needs much more interest to be generated, beginning with every CCM "liking" the page.



Twitter

For all CCMs, colleagues and the general public, we have a new Twitter account. Leading up to the Annual Meeting, this year we intend to market the CCM booths at the Student & Career Fairs and AMS Resource Center via Twitter. Also at the Annual Meeting, we use this account to announce upcoming speakers to promote the CCM Forum during each talk. If you are on Twitter, please follow the handle [@AMS_BCCM](#) ■



Upcoming AMS Meetings

[2016 Summer Community Meeting](#)

19–21 July 2016 Tuscaloosa, AL

[Joint 21st Satellite Meteorology, Oceanography and Climatology Conference and 20th Conference on Air-Sea Interaction](#)

15–19 August 2016 Madison, WI

[28th Conference on Severe Local Storms](#)

7–11 November 2016 Portland, OR ■

Thanks to all of our contributors for this issue.

We encourage you to share your experiences, views, findings, or studies for the next newsletter.

E-mail your articles to:
[Larry Peabody](#) and/or
[Alicia Wasula](#)

Fall 2016 Newsletter
submission deadline is
September 16