CALL FOR PAPERS

17th Conference on Climate Variability and Change, 13–17 June 2005, Cambridge, Massachusetts

The 17th Conference on Climate Variability and Change sponsored by the American Meteorological Society, will be held 13–17 June 2005 at the Hyatt Regency in Cambridge, Massachusetts. [This joint conference is sponsored by the AMS Committee on Climate Variability and Change (CVC), whose former name (Committee on Climate Variations) was changed to reflect the inclusion of global change in its purview and the inclusion of the former Symposia on Global Change Studies in its conferences. CVC will sponsor conferences at each Annual Meeting, including in 2005 and 2006.] This conference will be held in conjunction with the 15th Conference on Atmospheric and Oceanic Fluid Dynamics (AOFD) and the 13th Conference on Middle Atmosphere (MA). A preliminary program, registration, hotel and general information will be posted on the AMS Web site (www.ametsoc.org) in March of 2005.

The conference will focus on joint sessions with the other two committees. These joint sessions will be organized on dynamics and changes of climate modes (including annular modes) (AOFD, MA), tropicalextratropical interactions (including the QBO) (MA, AOFD), stratospheric climate variability and trends (MA), water vapor in the upper troposphere/lower stratosphere (MA), and the global tropopause (MA, AOFD). Peter Rhines (University of Washington) will give the Bernhard Haurwitz Lecture at the conference banquet.

There will be a mix of oral and poster presentations. Poster submissions are especially encouraged as poster sessions will receive increased stature compared to past meetings. To facilitate this goal, individual authors will be limited to one oral presentation each.

Please submit (oral or poster presentation) abstracts (one-page limit) electronically via the Web by 13 February 2005 (revised date). Please refer to the AMS Web page at www.ametsoc.org for instructions. An abstract fee of $60 (payable by credit card or purchase order) is charged at the time of submission (refundable only if abstract is not accepted). Papers received from students will be considered for partial financial help upon written request. Authors of accepted presentations will be notified (via e-mail) by mid-April 2005.

In addition, a “Mini Suite” option will be available to all authors for an additional fee of $50. This includes the submission of an extended abstract (.pdf) if uploaded by 16 May 2005 (revised date) and if you choose, the posting of your recorded presentation at the conference. All extended abstracts will be permanently archived and may be viewed online at the AMS Web site. No hardcopy preprints or CD-ROM will be distributed at the conference.

For further information please contact Piers Forster, Department of Meteorology, University of Reading, Reading, UK (tel: +44 (0)118 378 6020; e-mail: p.m.forster@rdg.ac.uk).

(10/04; r3/05)

STUDENT TRAVEL GRANTS

Student Travel Grants are available for senior undergraduate and graduate students to attend AMS meetings held in the United States and Canada. The travel grants are available only to members, including student members, of the AMS.

AMS recognizes the considerable benefit that students can gain from attending conferences even if they are not presenting a paper there, and AMS wants to encourage interactions between students and other conference attendees. To this end, travel grants will be awarded to a student who is not presenting a paper at the conference.

Students who are presenting papers and potentially in need of travel support should inquire of the program chair whether any funds will be available for this purpose.

For more information and to complete an application form, please visit the AMS Web site at www.ametsoc.org.
CALL FOR PAPERS
15th Conference on Atmospheric and Oceanic Fluid Dynamics, 13–17 June 2005, Cambridge, Massachusetts

The 15th Conference on Atmospheric and Oceanic Fluid Dynamics sponsored by the American Meteorological Society and organized by the AMS Committee on Atmospheric and Oceanic Fluid Dynamics, will be held 13–17 June 2005 at the Hyatt Regency in Cambridge, Massachusetts. The meeting will be held in conjunction with the 13th Conference on the Middle Atmosphere (MA) and the 17th Conference on Climate Variability and Change (CVC). A preliminary program, registration, hotel, and general information will be posted on the AMS Web site (www.ametsoc.org) in March 2005.

Papers are solicited in all areas of atmospheric and oceanic fluid dynamics. Joint sessions will be organized on dynamics and changes of climate modes (including annular modes) (MA, CVC), tropical–extratropical interactions (including the QBO) (MA, CVC), stratospheric chemistry/radiation/climate feedback processes (MA, CVC), predictability of the climate system (MA, CVC), the global tropopause (MA, CVC), stratosphere–troposphere dynamical coupling (including predictability) and exchange (MA), and gravity waves (MA). Peter Rhines (University of Washington) will give the Bernhard Haurwitz Lecture at the conference banquet.

We encourage papers emphasizing the dynamic interaction among different components of the ocean–atmosphere fluid system. Examples include (but are not limited to) large-scale dynamics of the coupled atmosphere-ocean system, and interactions among eddies of different scales. Additional foci will include climate regimes, stochastic modeling, mixing in the atmosphere and ocean, thermohaline flows, and the role of fluid dynamics in mediating biogeochemical feedbacks in the climate system. There will be a mix of oral and poster presentations, with individual authors limited to one oral presentation each.

Please submit (oral or poster presentation) abstracts (one-page limit) electronically via the Web by 13 February 2005 (revised date) Please refer to the AMS Web page at www.ametsoc.org for instructions. An abstract fee of $60 (payable by credit card or purchase order) is charged at the time of submission (refundable only if abstract is not accepted). Papers received from students will be considered for partial financial help upon written request. Authors of accepted presentations will be notified (via e-mail) by mid-April 2005.

In addition, a “Mini Suite” option will be available to all authors for an additional fee of $50. This includes the submission of an extended abstract (in .pdf) if uploaded by 16 May 2005 (revised date) and if you choose, the posting of your recorded presentation at the conference. All extended abstracts will be permanently archived and may be viewed online at the AMS Web site. No hardcopy preprints or CD-ROM will be distributed at the conference.

For further information please contact Mark P. Baldwin, Northwest Research Associates, 14508 NE 20th Street, Bellevue, WA 98007-3713 (tel: 425-644-9660 x323; fax: 425-644-8422; e-mail: mark@nwra.com). (10/04; 3/05)

CALL FOR PAPERS
13th Conference on Middle Atmosphere, 13–17 June 2005, Cambridge, Massachusetts

The 13th Conference on Middle Atmosphere sponsored by the American Meteorological Society and organized by the AMS Committee on the Middle Atmosphere, will be held 13–17 June 2005 at the Hyatt Regency in Cambridge, Massachusetts. The conference will be held in conjunction with the 15th Conference on Atmospheric and Oceanic Fluid Dynamics (AOFD) and the 17th Conference on Climate Variability and Change (CVC). A preliminary program, registration, hotel, and general information will be posted on the AMS Web site (www.ametsoc.org) in March 2005.

A special session on new results from the AURA satellite is being planned. Joint sessions with the other two committees will include dynamics and changes of climate modes (including annular modes) (AOFD, CVC), tropical–extratropical interactions (including the QBO) (CVC, AOFD), stratosphere chemistry/radiation/climate feedback processes (CVC, AOFD), predictability of the climate system (CVC, AOFD), the global tropopause (CVC, AOFD), stratospheric climate variability and trends (CVC), water vapor in the upper troposphere/lower stratosphere (CVC), gravity waves (AOFD), and stratosphere–troposphere dynamical interactions and exchange (AOFD). In addition to the joint session topics, papers are solicited in all areas of middle atmosphere (upper troposphere through the mesosphere) science, including dynamics, trace constituent transport, chemistry, and radiation. We seek a balanced program of observational studies, modeling, and theory. There will be a mix of oral and poster presentations. Poster submissions are especially encouraged, as they will receive increased stature compared to past meetings. To facilitate this goal, individual authors will be limited to one oral presentation each. Peter Rhines (University of Washington) will give the Bernhard Haurwitz Lecture at the conference banquet.

Please submit (oral or poster presentation) abstracts (one-page limit) electronically via the Web by 13 February 2005 (revised date) Please...
The meeting is being organized around two broad themes. The first is “Monitoring the Climate,” in conjunction with the SMOI. Papers are solicited under this theme, with possible sessions including data quality assurance and metadata; national, regional and local mesonets, including the Integrated Surface Observing System (ISOS); meteorological equipment issues in climate studies; and snow measurements. The second broad theme for this meeting is “Applied Climatology for Decision-Making.” Many management, planning, and policy decisions regarding society and environment are sensitive to climate, in areas including resource management, water supply, agricultural productivity, economic development, drought and flood mitigation, and many more. All of these require the development of applied climate knowledge and services at a range of spatial and temporal scales. Papers addressing the broad theme of “Applied Climatology for Decision-Making” and closely related topics such as integrated assessment and climate services are highly encouraged. Other possible special sessions include drought, spatial climate analysis, and urban climatology.

Please submit (oral or poster presentation) abstracts (one-page limit) electronically via the Web by 1 March 2005 (revised date) Please refer to the AMS Web page at www.ametsoc.org for instructions. An abstract fee of $60 (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 mid-April 2005.

In addition, a “Mini Suite” option will be available to all authors for an additional fee of $50. This includes the submission of an extended abstract (in .pdf) if uploaded by 16 May 2005 (revised date) and if you choose, the posting of your recorded presentation at the conference. All extended abstracts will be permanently archived and may be viewed online at the AMS Web site. No hardcopy preprints or CD-ROM will be distributed at the conference.

For additional information please contact the program chairperson, Greg Johnson, USDA-NRCS, West National Technology Support Center, Portland OR 97204 (tel: 503-273-2424; fax: 503-273-2401; e-mail: greg.johnson@usda.gov). (7/04, r9/04; r1/05; r3/05)

CALL FOR PAPERS
15TH CONFERENCE ON APPLIED CLIMATOLOGY, 20–24 JUNE 2005, SAVANNAH, GEORGIA

The 15th Conference on Applied Climatology sponsored by the American Meteorological Society, and organized by the AMS Committee on Applied Climatology, will be held during the week of 20–24 June 2005 at the DeSoto Hilton Hotel in Savannah, Georgia. The conference will be colocated with the 13th Symposium on Meteorological Observations and Instrumentation (SMOI), sponsored by the American Meteorological Society and organized by the AMS Committee on Measurements, will be held during the week of 20–24 June 2005 at the DeSoto Hilton Hotel in Savannah, Georgia. The conference will be colocated with the 15th Conference on Applied Climatology and the American Association of State Climatologists Annual Meeting. The overarching theme is “Monitoring the Climate.” Preliminary programs, registration, hotel, and general information will be posted on the AMS Web site (www.ametsoc.org) in mid-February 2005.

Papers are invited under this theme that include, integrated instrumentation and networks for climate studies, data quality control/metadata, network design, accuracy and calibration of instrumentation and in particular measurements of solid precipitation. Papers are also solicited for this symposium on all aspects of observations and instrumentation including use of high-quality radiosondes for reference measurements, experience and perspectives on the use of upper-air systems, and possible
means to minimize the impact on the cost of the continuous improvements of instruments. Papers dealing with innovative measurement systems, specialized instrumentation, important experiments or successful field projects should emphasize their contribution to improving weather forecasting and detecting long-term climate changes. In addition we will be accepting proposals for thematic sessions that will complement these two symposia. This will require the proposed organizer to define the topic and obtain a sufficient number presentations for the session. The deadline for this will be 1 January 2005.

Please submit (oral or poster presentation) abstracts electronically via the Web by 1 March 2005 (revised date). Please refer to the AMS Web page at www.ametsoc.org for instructions. An abstract fee of $60 (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 mid-April 2005.

In addition, a “Mini Suite” option will be available to all authors for an additional fee of $50. This includes the submission of an extended abstract (in .pdf) if uploaded by 20 May 2005 (revised date) and if you choose, the posting of your recorded presentation at the conference. All extended abstracts will be permanently archived and may be viewed online at the AMS Web site. No hardcopy preprints or CD-ROM will be distributed at the conference.

For further information contact C. Bruce Baker, U.S. Dept. Commerce/NOAA, National Climatic Data Center, 151 Patton Avenue, Asheville, NC 28801 (tel: 828-271-4018; e-mail: Bruce.Baker@noaa.gov). (7/04, r9/04; r3/05)

CALL FOR PAPERS

The 34th Conference on Broadcast Meteorology, sponsored by the American Meteorological Society and organized AMS Board on Broadcast Meteorology, will be held 1–5 August 2005 at the Omni Shoreham Hotel in Washington, D.C. The Broadcast Conference will be held in conjunction with the 21st Conference on Weather Analysis and Forecasting/17th Conference on Numerical Weather Prediction. Joint sessions between the three groups will strive to foster an understanding of job execution and future interaction.

The short course this year will be held Monday, 1 August 2005 and will focus on aspects of weather analysis and prediction (separate registration is required for this workshop). A preliminary program, registration, hotel, and general information will be posted on the AMS Web site (www.ametsoc.org) by March 2005.

The 34th Conference on Broadcast Meteorology theme will be “Storming the Hill.” Papers are encouraged in all areas of broadcast meteorology. Some topics that might take the bully pulpit include: your coverage of a major weather event (wall-to-wall, hurricane, snowstorm, tornado, flooding), establishing partnerships with other meteorologically minded agencies (NOAA/NWS, Emergency Management, SPC, EPA, RTNDA, UCAR/COMET, NCEP, universities, etc.), being the station scientist, your weather coverage beyond television, how you entertain and inform on school/community visits, contact with your congressperson, or any paper that might be of interest to the broadcast community. Use of video is highly encouraged. The vote is in and the popular career development session will return. Topics could include: your battle with a noncompete clause, branching into other aspects of meteorology from your on-air job, or the gridlock of job hunting.

Please submit your abstract electronically by 4 April 2005 (revised date). Please refer to the AMS Web page at www.ametsoc.org for instructions. An abstract fee of $60 (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 May 2005.

The 34th conference will also feature a “Tape Swapping Filibuster.” Please bring a tape of bloopers, graphic ideas or special weathercasts, your first time on the air, or a recent weathercast for critique.

For further information or any suggestions to enhance the conference can be e-mailed to the conference chair, Jillene Wahl (e-mail: tjvanhoy@swbell.net; tel: 316-265-1474.) (10/04; r11/04)

CALL FOR PAPERS

The 21st Conference on Weather Analysis and Forecasting/17th Conference on Numerical Weather Prediction, sponsored by the American Meteorological Society, and organized by the AMS Committee on Weather Analysis and Forecasting will be held 1–5 August 2005, in Washington, D.C. The conference will be held in conjunction with the 34th Conference on Broadcast Meteorology.

An evening reception on the first day is planned, as well as a midweek lunch with an invited keynote speaker. Several sessions focused on cognitive decision making in forecasting/human in-the-loop, and a forecasters forum is planned throughout the week. Preliminary programs, registration, hotel, and general information will be posted on the AMS Web site (www.ametsoc.org) in June 2005.
The venue of this conference presents a unique opportunity for partnership between the scientific and broadcast communities to further the understanding and use of forecast tools and techniques. Based on a general theme of “Educating and Training the User Community and the Public on Weather Analysis and Forecasting,” the committee solicits papers and posters on the following topics: (1) Forecasting Tools—Helping the Public Understand the Impact of Daily Weather Forecasts; (2) Severe Weather Tools—Satellite, Radar and Mesoscale Networks of Observing Sensors, including Hydrology; (3) Applications to Support Weather Forecasts—Nowcasting and Weather Impacts Analyses; (4) Numerical Weather Prediction Tools and Techniques, including ensembles, data assimilation, verification, quality control, and parameterization; (5) Socioeconomic impacts of forecasts; and (6) Environmental Education, Training and Outreach. In addition, sessions will be held on synoptic and mesoscale research. We will also devote several sessions to “case studies” of interest to the broadcast community.

Please submit (oral or poster presentation) abstracts (one-page limit) electronically via the Web by 4 April 2005 (revised date). Please refer to the AMS Web page at www.ametsoc.org for instructions. An abstract fee of $60 (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 mid-May 2005.

In addition, a “Mini Suite” option will be available to all authors for an additional fee of $50. This includes the submission of an extended abstract (in .pdf) if uploaded by 11 July 2005 (revised date) and if you choose, the posting of your recorded presentation at the conference. All extended abstracts will be permanently archived and may be viewed online at the AMS Web site. No hardcopy preprints or CD-ROM will be distributed at the conference.

For additional information please contact the program chairperson, Mary Cairns, NOAA/OFCM, 8455 Colesville Road, Suite 1500, Silver Spring, MD 20910 (e-mail: mary.cairns@noaa.gov). (10/04; r11/04; r3/05)

**CALL FOR PAPERS**


The 12th Conference on Mesoscale Processes, sponsored by the American Meteorological Society and organized by the AMS Committee on Mesoscale Processes, will be held from 23–28 October 2005 in conjunction with the 32nd Conference on Radar Meteorology, at the Sheraton Old Town in Albuquerque, New Mexico.

A preliminary program, plus hotel and registration information, will be posted on the AMS Web site (www.ametsoc.org) by June 2005.

Poster as well as oral presentations are solicited on all aspects of mesoscale meteorology, especially those aspects related to remote sensing technology (e.g., Doppler radar and lidar) used in the understanding and description of mesoscale atmospheric processes. The program committee encourages abstract submission for joint radar/mesoscale sessions in the following areas: (1) mesoscale structure and precipitation characteristics of tropical and extratropical cyclones; (2) recent field work aimed at understanding the organization of deep and shallow convection (with a special session on RICO); (3) mesoscale dynamics of baroclinic systems, including frontal systems and wave phenomena; (4) orographic and coastal circulation systems; and (5) the assimilation of radar data in numerical weather prediction models.

In addition to these joint sessions, sessions will be held on the following topics in mesoscale meteorology: mesoscale predictability, mesoscale numerical modeling and data assimilation, evaluation of the WRF model and its use to improve understanding of mesoscale processes, theoretical and numerical studies of balanced and unbalanced dynamics, and mesoscale instabilities.

On Sunday, 23 October, an optional educational forum will be held, entitled “A Primer on Radar Analysis Techniques Used in Mesoscale Meteorology.” Attendance to this joint mesoscale/radar forum is free, but preregistration is required, no later than 7 October. The forum, held from 8:00 A.M. to 6:00 P.M., contains four sessions: (1) microphysical characterization of precipitation systems using dual-polarization and Doppler radar retrieval; (2) single Doppler retrieval and assimilation techniques for use in mesoscale models; (3) airborne Doppler radar analysis of tropical and extratropical mesoscale systems; and (4) analysis of mesoscale processes using wind profiling radars and VAD.

Please submit your abstract via www.ametsoc.org no later than 3 June 2005. A fee of $60 (payable with a credit card or purchase order) will be charged at the time of submission of each abstract. When submitting your abstract, you will be given the choice of a poster or an oral presentation. Given the expected size of this conference, we strongly encourage participants to opt for a poster presentation.

Authors of accepted presentations will be notified (via e-mail) by early July 2005. A preprint CD-ROM is being prepared; authors of invited and accepted papers will be asked to contribute to this volume. All extended abstracts are to be submitted electronically and will be available online via the Web. Instructions for formatting extended manuscripts for the preprint CD-ROM will be posted on the AMS Web site. Manuscripts (up to 3 MB) must be submitted electronically.
CALL FOR PAPERS
32nd Radar Meteorology Conference, 23–29 October 2005, Albuquerque, New Mexico

The 32nd Conference on Radar Meteorology, sponsored by the American Meteorological Society and organized by the AMS Committee on Radar Meteorology, will be held from Sunday, 23 October through Saturday, 29 October 2005 in conjunction with the 12th Conference on Mesoscale Processes, at the Sheraton Old Town in Albuquerque, New Mexico. A preliminary program, plus hotel and registration information, will be posted on the AMS Web site (www.ametsoc.org) by June 2005.

Poster as well as oral presentations are solicited on all aspects of radar meteorology. The conference aims to highlight recent developments in radar technology in understanding mesoscale atmospheric processes. Specifically, the conference intends to demonstrate the use of radars, including spaceborne radars, for the description and numerical simulation of the dynamical and microphysical processes controlling cloud and precipitation systems worldwide.

The program committee encourages abstract submission for joint radar/mesoscale sessions in the following areas: (1) mesoscale structure and precipitation characteristics of tropical and extratropical cyclones; (2) recent field work aimed at understanding the organization of deep and shallow convection (with a special session on RICO); (3) mesoscale dynamics of baroclinic systems, including frontal systems and wave phenomena; (4) orographic and coastal circulation systems; and (5) the assimilation of radar data in NWP models.

In addition to joint sessions, sessions will be held on the following topics: radar meteorology; spaceborne radar and multiple-sensor measurements including from TRMM, GPM, and Cloudsat, ground-based validations and climate studies; radar-based studies of the microphysics of clouds and precipitation, including polarimetric methods; hydrologic studies; signal processing; millimeter-wave radars as well as wind profilers; severe weather studies; operational radar aspects; and radar studies of boundary-layer processes.

On Sunday, 23 October, an optional educational forum will be held, entitled “A Primer on Radar Analysis Techniques Used in Mesoscale Meteorology.” Attendance to this joint mesoscale/radar forum is free, but preregistration is required, no later than 7 October. The forum, held from 8:00 A.M. to 6:00 P.M., contains four sessions: (1) microphysical characterization of precipitation systems using dual-polarization and Doppler radar retrieval; (2) single Doppler retrieval and assimilation techniques for use in mesoscale models; (3) airborne Doppler radar analysis of tropical and extratropical mesoscale systems; and (4) analysis of mesoscale processes using wind profiling radars and VAD.

Please submit your abstract via www.ametsoc.org no later than 3 June 2005. A fee of $60 (payable with a credit card or purchase order) will be charged at the time of submission of each abstract. When submitting your abstract, you will be given the choice of a poster or an oral presentation. Given the expected size of this conference, we strongly encourage participants to opt for a poster presentation. As a rule of thumb, two papers out of every three should be a poster presentation.

Authors of accepted presentations will be notified (via e-mail) by early July 2005. A preprint CD-ROM is being prepared; authors of invited and accepted papers will be asked to contribute to this volume. All extended abstracts are to be submitted electronically and will be available online via the Web. Instructions for formatting extended manuscripts for the preprint CD-ROM will be posted on the AMS Web site. Manuscripts (up to 3 MB) must be submitted electronically by 19 August 2005 to AMS Headquarters. Color graphics and URLs to archive sites containing more details or animations are encouraged in these extended abstracts. A manuscript charge will be collected to defray the cost of the preprint CD-ROM, as well as Web posting of the manuscript and recorded meeting presentations. Registrants will receive a preprint CD-ROM at the conference.

For questions please contact Bart Geerts, Dept. of Atmospheric Science, University of Wyoming, Laramie WY 82071 (tel: 307-766-2261; e-mail geerts@uwyo.edu) or Paul Krehbiel, Physics Dept., New Mexico Tech., Socorro, NM 87801 (tel: 505-835-5215; e-mail: krehbiel@ibis.nmt.edu). (10/04; r3/05)
cal Society and cosponsored by the American Institute of Aeronautics and Astronautics. It is being organized by the AMS Committee on ARAM and AIAA Atmospheric and Space Environment Technical Committee (ASETC). The conference will be held 29 January–2 February 2006, as part of the 86th AMS Annual Meeting in Atlanta, Georgia. Preliminary programs, registration, hotel, and general information will be posted on the AMS Web site (www.ametsoc.org) in mid-September 2005.

The 86th Annual Meeting is being organized around the broad theme of “Applications of Weather and Climate Data” with an emphasis on documenting success stories in the applications of atmospheric, hydrologic and oceanic sciences, and the research needed to continue benefiting from new knowledge.

The 12th ARAM Conference will place emphasis on the application of scientific accomplishments to aviation, range, and aerospace meteorology issues. Papers are sought that will provide information concerning the atmospheric environment and applications to forecasting, communications, display, operational planning and design of aviation, aerospace, and range systems. Suggested topic areas include, but are not limited to, the following: (1) aviation and range weather including icing, forecasting, in-cloud and clear-air turbulence, wind shear, wake vortices, lightning, visibility, severe storms, winter storms, weather impacts on operations, flight/mission planning, and accident litigation; (2) aerospace meteorology including descriptions of the atmospheric environment applicable for use in the assessment of aerospace systems performance, design, mission planning, and operations to include wind shear and turbulence models, thermodynamic reference atmosphere models, cloud characteristics, lightning characteristics, hydrometeor descriptions and especially engineering analyses regarding atmospheric inputs; (3) sensors and systems including clear air and in-cloud turbulence detection and mitigation, ground-based systems for aviation and range operations support, application of space-based sensors for atmospheric measurements/observations, communications, display, and automated and remote sensor systems; (4) environment impact, including atmospheric air quality and climate modifications due to operation of aviation and aerospace systems; and (5) technology needs regarding airborne detection, forecasting, modeling, observations, and communications relative to design input and operational support for future aviation and aerospace vehicle operations.

Participants in the FAA’s Aviation Weather Research Program (AWRP) and the recently formed Joint Program Development Office (JPDO) are encouraged to provide submissions reflecting their work, especially AWRP progress on research activities over the past couple years and JPDO work toward an integrated national plan for aviation weather.

Papers will be given to papers that document significant advances in modeling, technology, and system development; highly innovative concepts; significant planning initiatives and policy analyses; and other matters of high interest and value to the aviation, range, and aerospace meteorology community. This conference will include panels discussing the key issues and accomplishments in several of the topic areas. Poster presentations are highly encouraged and viewing opportunities will be integrated and highlighted in the program.

Please submit your abstract electronically via the Web by 1 August 2005 (refer to the AMS Web page at www.ametsoc.org for instructions.) An abstract fee of $60 (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 mid-September 2005. A preprint CD-ROM is being prepared, authors of invited and accepted papers will be asked to contribute to this volume. All extended abstracts are to be submitted electronically and will be available on-line via the Web. Instructions for formatting extended manuscripts for the preprint CD-ROM will be posted on the AMS Web site. Manuscripts (up to 3 MB) must be submitted electronically by 1 November 2005 to AMS Headquarters. A manuscript charge will be collected to defray cost of the preprint CD-ROM, as well as Web posting of the manuscript and recorded meeting presentation. Registrants will receive a preprint CD-ROM at the conference.

For additional information please contact the ARAM conference chairs: Tim Wilfong, ENSCO, Director of Weather Systems Development Office (tel: 303-443-4858; e-mail: wilfong.timothy@ensco.com); Gene Addy, Icing Branch, NASA Glenn Research Center (tel: 216-977-7467; e-mail: geneaddy@nasa.gov); or the Program Committee Chair, Dr. Marilyn Wolfson, MIT Lincoln Laboratory (tel: 781-981-7439; e-mail: mwolfson@ll.mit.edu).

ANNOUNCEMENT

NOAA’s 30th Climate Diagnostics and Prediction Workshop will be held 24–28 October 2005 at the Nittany Lion Inn, State College, Pennsylvania. The workshop is co-hosted by the Climate Prediction Center of the National Centers for Environmental Prediction (NCEP)/NOAA, Camp Springs, Maryland, and the Department of Meteorology of the Pennsylvania State University. The
American Meteorological Society is a cooperating sponsor.

As always, the workshop will also provide an opportunity for participants to exchange information, ideas, and opinions. This year’s workshop will focus on the following topics: review and assessment of recent climate anomalies; observed and predicted climate variability in Alaska and adjacent regions; ocean–land–atmosphere prediction accuracy and impacts; role of North Atlantic cyclones (tropical and extratropical) in global climate; North American Monsoon Experiment (NAME) field campaign results; theoretical and practical predictability of the land, ocean, atmosphere system; long-term climate variability; Impact of a changing climate on predictions.

In addition, on 27–28 October the workshop will feature several sessions summarizing activities of interest to the NOAA Climate Test Bed, including climate model assessments, multimodel ensembles, and climate products and applications.

While the majority of presentations will be posters, the workshop will feature oral sessions consisting of selected presentations with ample time for discussion. A Web site for the workshop will be linked through as www.cpc.ncep.noaa.gov/products/outreach/CDPW30.html.

Please send your abstracts to NCEP: CDWorkshop@noaa.gov. Include title, author(s), affiliation(s), abstract, e-mail address, phone and fax numbers, and preference for poster or oral presentation. However, remember that most papers will be included in the poster sessions. Deadline for submissions is 8 July 2005. (3/05)

CALL FOR PAPERS

GUIDELINE ON AIR QUALITY MODELS: APPLICATIONS AND FLAG DEVELOPMENTS—AN A&WMA SPECIALTY CONFERENCE, 26–28 OCTOBER 2005, DENVER, COLORADO

This international symposium will provide a technical forum for environmental professionals to share experiences with the revisions to the U.S. Environmental Protection Agency’s Guideline on Air Quality Models. Since the Guideline is required for use in the preparation of state implementation plans, federal construction permits and many state permits, the technical and regulatory issues are of concern to owners, regulatory agencies, consultants and the general public. In addition, special emphasis will be placed on the applications of the Federal Land Managers Guidance (FLAG) on air quality model use for Air Quality Related Values (AQRV). Courses on CALPUFF, AERMOD, and PRIME will precede the conference.

EPA has adopted AERMOD (with Prime) and CALPUFF as the refined models for most applications and simultaneously proposed the deletion of ISC. Since ISC has been the workhorse of regulatory modeling for almost 20 years, this represents a considerable change in the way modeling will be done.

Papers are invited in the following areas: AERMOD; AERMOD-PRIME; CALPUFF; ALTERNATIVE MODELS; regulatory application of models; and implementation of FLAG for AQRV analysis.

The deadline for abstracts is 1 July 2005. Abstracts should be submitted via the online abstract management system. Until the system is open, abstracts (200–300 words) should be submitted to Amy Klaus, Technical Programs Coordinator, at aklaus@awma.org. Acceptance notifications will be distributed by 1 August 2005. Final manuscripts are due 1 October 2005. Please reference www.awma.org/events/conf/sAQMODELS05/default.asp for further information. (3/05)

Educators, students, and weather enthusiasts! A glossary of over 3000 terms on weather and climate designed specifically for a general audience! Produced under the Project ATMOSPHERE initiative, the development of The Glossary of Weather and Climate was inspired by increasing contemporary interest in the atmosphere and global change. The objective of the glossary is to provide a readily understandable, up-to-date reference for terms that are frequently used in discussions or descriptions of meteorological and climatological phenomena. In addition, the glossary includes definitions of related oceanic and hydrologic terms.

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