

AMS 2001 CALENDAR OF MEETINGS

(with Links to Call for Papers/Announcements)

[11TH CONFERENCE ON INTERACTIONS OF THE SEA AND ATMOSPHERE, 14-18 MAY 2001, SAN DIEGO, CALIFORNIA](#)

[SIXTH CONFERENCE ON POLAR METEOROLOGY AND OCEANOGRAPHY, 14-18 MAY 2001, SAN DIEGO, CALIFORNIA](#)

[13TH CONFERENCE ON ATMOSPHERIC AND OCEANIC FLUID DYNAMICS, 4-8 JUNE 2001, BRECKENRIDGE, COLORADO](#)

[WORKSHOP ON SEVERE WEATHER FORECASTING IN THE NEW MILLENNIUM FOR BROADCAST METEOROLOGISTS, 26 JUNE 2001, MINNEAPOLIS, MINNESOTA](#)

[30TH CONFERENCE ON BROADCAST METEOROLOGY, 27-30 JUNE 2001, MINNEAPOLIS, MINNESOTA](#)

[30TH INTERNATIONAL CONFERENCE ON RADAR METEOROLOGY, 19-25 JULY 2001, MUNICH, GERMANY](#)

[18TH CONFERENCE ON WEATHER ANALYSIS AND FORECASTING AND 14TH CONFERENCE ON NUMERICAL WEATHER PREDICTION, 30 JULY-2 AUGUST 2001, FORT LAUDERDALE, FLORIDA](#)

[NINTH CONFERENCE ON MESOSCALE PROCESSES, 30 JULY-2 AUGUST 2001, FT. LAUDERDALE, FLORIDA](#)

[11TH CONFERENCE ON SATELLITE METEOROLOGY AND OCEANOGRAPHY, 15-18 OCTOBER 2001, MADISON, WISCONSIN](#)

[FOURTH CONFERENCE ON COASTAL ATMOSPHERIC AND OCEANIC PREDICTION AND PROCESSES, 6-9 NOVEMBER 2001, ST. PETERSBURG, FLORIDA](#)

[FOURTH SYMPOSIUM ON FIRE AND FOREST METEOROLOGY, 13-15 NOVEMBER 2001, RENO, NEVADA](#)

AMS 2002 Calendar of Meetings

[82ND AMS ANNUAL MEETING 13-18 JANUARY 2002 ORLANDO, FLORIDA](#)

[SYMPOSIUM ON OBSERVATIONS, DATA ASSIMILATION, AND PROBABILISTIC PREDICTION, 13-18 JANUARY 2002, ORLANDO, FLORIDA](#)

[THIRD SYMPOSIUM ON ENVIRONMENTAL APPLICATIONS: FACILITATING THE USE OF ENVIRONMENTAL INFORMATION, 13-18 JANUARY 2002, ORLANDO, FLORIDA](#)

[18TH INTERNATIONAL CONFERENCE ON INTERACTIVE INFORMATION AND PROCESSING SYSTEMS \(IIPS\) FOR METEOROLOGY, OCEANOGRAPHY AND HYDROLOGY, 13-18 JANUARY 2002, ORLANDO, FLORIDA](#)

[16TH CONFERENCE ON PROBABILITY AND STATISTICS, 13-18 JANUARY 2002, ORLANDO, FLORIDA](#)

[15TH CONFERENCE ON HYDROLOGY, 13-18 JANUARY 2002, ORLANDO, FLORIDA](#)

[13TH SYMPOSIUM ON GLOBAL CHANGE AND CLIMATE VARIATIONS, 13-18 JANUARY 2002, ORLANDO, FLORIDA](#)

[11TH SYMPOSIUM ON EDUCATION, 13-18 JANUARY 2002, ORLANDO, FLORIDA](#)

[SIXTH SYMPOSIUM ON INTEGRATED OBSERVING SYSTEMS, 13-18 JANUARY 2001, ORLANDO, FLORIDA](#)

[THE FOURTH CONFERENCE ON ATMOSPHERIC CHEMISTRY: URBAN, REGIONAL, AND GLOBAL SCALE IMPACTS OF AIR POLLUTANTS, 13-18 JANUARY 2002, ORLANDO, FLORIDA](#)

[INTERACTIVE SYMPOSIUM ON THE ADVANCED WEATHER INTERACTIVE PROCESSING SYSTEM \(AWIPS\), 13-18 JANUARY 2002](#)

[OTHER 2001 MEETINGS OF INTEREST](#)

AMS 2001 Meetings

11th Conference on Interactions of the Sea and Atmosphere, 14–18 May 2001, San Diego, California

The 11th Conference on Interactions of the Sea and Atmosphere, sponsored by the American Meteorological Society and organized by the AMS Committee on the Interactions of the Sea and Atmosphere, 14–18 May 2001 in San Diego, California. This conference will be held in conjunction with the Sixth Conference on Polar Meteorology and Oceanography. The theme of both conferences is “air/sea/ice/land interactions.”

A preliminary program, registration, hotel and general information will be posted on the AMS Web site (<http://www.ametsoc.org/AMS>) in early February 2001. AMS recommends that attendees secure hotel reservations at the Catamaran Resort Hotel by **6 April 2001**. For reservations, contact the Catamaran at (800) 288-0770.

The deadline for abstracts has passed. Papers on all aspects of air–sea interactions were encouraged, especially those that focus on midlatitudes to polar regions. Sessions on the results from recent field experiments, satellite remote sensing, and modeling studies are being considered. Joint sessions with the Sixth Conference on Polar Meteorology and Oceanography are likely to include 1) air–sea interaction in the presence of heterogeneous sea ice cover; 2) predictability of the polar climate system; and 3) influence of air–sea interaction on deep ocean convection. To encourage the interdisciplinary interaction among participants of the two conferences, an invited talk as an introduction overview is planned for each session. Participants with additional suggestions for special/joint sessions are encouraged to contact the program chairperson.

Authors of accepted presentations will be notified (via e-mail) by mid January. A preprint volume is being prepared and authors of invited and accepted papers will be asked to contribute to this volume. Instructions for formatting extended manuscripts for the preprint volume will be posted on the AMS Web site.

Camera-ready manuscripts (page length to be determined), including photos and diagrams, must be submitted by **3 March 2001** to AMS Headquarters. Page charges will be assessed to defray printing costs. Registrants will receive a preprint volume at the conference. For further information contact the Program Chairperson, Xubin Zeng, Department of Atmospheric Sciences, P.O. Box 210081, The University of Arizona, Tucson, AZ 85721, USA (tel: 520-621-4782; fax: 520-621-6833; e-mail: xubin@atmo.arizona.edu). (7/00; r10/00; r1/01)

Sixth Conference on Polar Meteorology and Oceanography, 14–18 May 2001, San Diego, California

The Sixth Conference on Polar Meteorology and Oceanography, sponsored by the American Meteorological Society and organized by the AMS Committee on Polar Meteorology and Oceanography, will be held 14–18 May 2001 in San Diego, California in conjunction with AMS 11th Conference on Interactions of the Sea and Atmosphere. The theme of the joint conference is “air/sea/ice/land interactions.”

A preliminary program, registration, hotel and general information will be posted on the AMS Web site (<http://www.ametsoc.org/AMS>) in early February 2001. AMS recommends that attendees secure hotel reservations at the Catamaran Resort Hotel by **6 April 2001**. For reservations, contact the Catamaran at (800) 288-0770.

The deadline for abstracts has passed. E-mailed acceptance letters will be sent by mid January 2001. Papers were being solicited on all topics related to polar meteorology and oceanography, with particular emphases on surface fluxes of energy and moisture, cloud-radiation interactions, and model simulations of atmosphere-surface interactions. We welcome presentations of results from recent field programs (e.g., SHEBA and FIRE-ACE) and model intercomparison projects.

Authors of invited and accepted papers will be required to contribute to the preprint volume. Instructions for formatting extended manuscripts for the preprint volume will be posted on the AMS Web site. Camera-ready manuscripts (page length to be determined), including photos and diagrams, must be submitted by **3 March 2001** to AMS Headquarters. Page charges will be assessed to defray printing costs. Registrants will receive a preprint volume at the conference.

For further information please contact the Program Chairperson, Jennifer Francis, Institute of Marine and Coastal Sciences, Rutgers University, 71 Dudley Rd., New Brunswick, NJ 08901-8521 (tel: 732-708-1217; fax: 732-872-3088; e-mail: francis@imcs.rutgers.edu). (7/00; r10/00; r1/01)

13th Conference on Atmospheric and Oceanic Fluid Dynamics, 4–8 June 2001, Breckenridge, Colorado

The 13th 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 4–8 June 2001 at the Village at Breckenridge Resort, in Breckenridge, Colorado.

A preliminary program, registration, hotel and general information will be posted on the AMS Web site (<http://www.ametsoc.org/AMS>) in February 2001. AMS recommends that attendees secure hotel reservations at the Village at Breckenridge by **4 May 2001**. For reservations, contact the Central Reservations at (877) 428-7829 or (970-547-5725).

The deadline for abstracts has passed. Papers were solicited in all subject areas of atmospheric and oceanic fluid dynamics. We especially encouraged the submission of papers emphasizing the dynamic interaction among different components of the ocean-atmosphere fluid system. Examples of such include (but are not limited to) the large scale dynamics of the coupled atmosphere-oceans system, dynamical interactions between the stratosphere and troposphere, gravity wave impacts upon the general circulation, communication between the deep waters and surface layers of the ocean, and interactions among eddies of different scales (in both space and time). Additional foci will include low frequency variability, the organization of storm tracks, intrinsic variability in the oceanic circulation, thermohaline flows, and potential vorticity dynamics. Invited speakers will include Drs. Clara Deser, Steven B. Feldstein, Kevin P. Hamilton, James C. McWilliams, John W. Nielsen-Gammon, Peter B. Rhines, Walter A. Robinson, and Darryn W. Waugh.

The meeting will also feature the Seventh Bernhard Haurwitz Memorial Lecture to be given by Dr. R. Alan Plumb. There will be a mix of oral and poster presentations. Poster submissions were especially encouraged, as dedicated poster sessions will receive increased stature compared to past meetings. To facilitate this goal, individual authors will be limited to one oral presentation each. Five prizes for the best student papers will be awarded at the conference.

Authors of accepted presentations will be notified (via e-mail) by early February. A preprint volume is being prepared and authors of invited and accepted papers will be asked to contribute to this volume. Instructions for formatting extended manuscripts for the preprint volume will be posted on the AMS Web site. Camera-ready manuscripts (page length to be determined), including photos and diagrams, must now be submitted by **19 March 2001** to AMS Headquarters. Page charges will be assessed to defray printing costs. Registrants will receive a preprint volume at the conference.

For further information please contact the program chairpersons: Robert X. Black, School of Earth and Atmospheric Sciences, 21 Bobby Dodd Way, Georgia Institute of Technology, Atlanta, GA 30332-0340 (tel: 404-894-1756; fax: 404-894-5638; e-mail: rob.black@eas.gatech.edu) or Sukyoung Lee, Department of Meteorology, 510 Walker Building, University Park, PA 16802 (tel: 814-863-1587; e-mail: sl@essc.psu.edu). (7/00; r9/00; r10/00; r1/01; r3/01)

Workshop on Severe Weather Forecasting in the New Millennium for Broadcast Meteorologists, 26 June 2001, Minneapolis, Minnesota

A workshop entitled "Severe Weather Forecasting in the New Millennium for Broadcast Meteorologists" sponsored by the American Meteorological Society and organized by the AMS Board of Broadcast Meteorology will be held on Tuesday, 26 June 2001 at the Hilton Hotel in Minneapolis, Minnesota.

The conference program, travel, and registration information will be posted on the AMS Web site (<http://www.ametsoc.org/AMS>) in February 2001. AMS recommends that attendees secure hotel reservations at the Hilton Hotel by **18 May 2001**. For reservations, contact the Hilton at (612) 376-1000 or via the Web at www.hilton.com.

This one-day workshop will focus on current forecast procedures used in developing Convective Outlooks, Severe Weather Watches and Severe Weather Warnings. Topics will include models being used and developed for forecasting severe storms, operational techniques used in deriving the outlook, watch and warning products issued by the National Weather Service, and present new products and techniques Meteorologists from NOAA Storm Prediction Center, National Weather Service Forecast Offices (NWSFO), and National Severe Storm Laboratory (NSSL) will share their research on the direction of severe weather forecasting. An actual case study will be included where participants will experience the warning decision process in deriving a severe weather forecast and issue watches and warning for an actual severe weather event.

For further information contact, the Short Course Organizer, Dan McCarthy, Storms Prediction Center, 1313 Halley Circle, Norman, OK 73069 (tel: 405 579 0747; e-mail: mccarthy@spc.noaa.gov). (12/00)

30th Conference on Broadcast Meteorology, 27-30 June 2001, Minneapolis, Minnesota

The 30th Conference on Broadcast Meteorology, sponsored by the American Meteorological Society and organized AMS Board on Broadcast Meteorology, will be held Wednesday 27 June–Saturday 30 June 2001 at the Hilton Hotel in Minneapolis, Minnesota. On Tuesday, 26 May 2001, AMS a workshop entitled, "Severe Weather Forecasting in the New Millennium for Broadcast Meteorologists" (separate registration is required for this workshop—for details, refer to the announcement listed above).

AMS recommends that attendees secure hotel reservations at the Hilton Hotel by **18 May 2001**. For reservations, contact the Hilton at (612) 376-1000 or via the Web at www.hilton.com. The conference program and registration information will be posted on the AMS Web site (<http://www.ametsoc.org/AMS>) in February 2001.

The theme of the 30th conference will be A Surviving the Changing World of Broadcast Meteorology. Since this is the 30th anniversary of the broadcast conference, we would like to look back at the beginning of broadcast meteorology and since it has changed so much over the years, how do we keep up with that change and how do we survive the future changes. Television and radio stations are bought and sold every day, how does that effect our jobs now and in the future.

This conference focuses on broadcasting with sessions pinpointing 1) Changing Technology: How we present the weather, 2) Science vs. entertainment and management vs. audience expectation, 3) Holding on to that job with constant change . . . Station ownership and doing more with less, 4) Educating yourself and the viewer: What does the future hold for the broadcast meteorologist, 5) We've come a long way . . . Looking back at the beginning of broadcast meteorology.

The deadline for abstracts has passed. E-mailed acceptance letters will be sent by early February 2001.

For further information contact the Cindy Preszler, KSDK-TV, 1000 Market St., St. Louis, MO

63101 (tel: 314-444-5189; e-mail: WxPresz@AOL.COM;). The program is being organized by Cindy Preszler with assistance from Dave Miller, WFRV-TV, Green Bay, WI 54301 (tel: 920-437-5411 ext. 13241; fax: 920-437-4576) and AMS Board Chairperson, Mike McClellan, WMBD-TV, 3131 N. University, Peoria, IL 61604 tel: 309-686-8657). (7/00; r9/00; r1/01; r2/01)

30th International Conference on Radar Meteorology, 19–25 July 2001, Munich, Germany

The AMS 30th International Conference on Radar Meteorology, sponsored by the American Meteorological Society, and organized by the AMS Committee on Radar Meteorology, will be held 19–25 July 2001 in Munich, Germany. The theme of this conference is “Integrated approaches of using radar for understanding and predicting atmospheric and hydrologic processes.”

A preliminary program, registration, hotel and travel information will be posted on the AMS Web site (<http://www.ametsoc.org/AMS>) in early February 2001. AMS recommends that attendees secure hotel reservations at the Forum Hotel Munich by **30 June 2001**, although reservations may be made up until the day of the conference. For reservations, contact the Forum Hotel Munich at 011-49-89-4803-4444.

The theme of this conference is integrated approaches of using radar for understanding and predicting atmospheric and hydrologic processes.

The deadline for abstracts has passed. Papers were solicited that particularly emphasized 1) integrated observations of radar with other ground-based, airborne, and/or spaceborne instrumentations; 2) assimilation and use of radar data in numerical weather prediction or hydrologic models; 3) radar network-based diagnostic studies and climatological analyses. Contributions based on the Mesoscale Alpine Program (MAP), the Forecast Demonstration Project Sydney 2000@or COST-717, were especially encouraged. In addition, papers were solicited in the following areas: 4) radar systems and signal processing; 5) algorithms for radar echo type identification and retrievals, and their validation; 6) data management, quality control, and exchange; 7) quantitative precipitation estimation and validation; 8) Doppler and polarization techniques; and 9) others, as deemed appropriate.

The conference will foster interaction among the participants through formal presentations and informal discussion opportunities. Special sessions will be organized around the key theme for this conference, complemented by parallel and poster sessions. Although the authors may state their preference of oral or poster presentation, the program committee will make the final decision on format.

A preprint volume is being prepared and authors of invited and accepted papers will be asked to contribute to this volume. AMS will provide instructions to authors of accepted papers. Camera-ready manuscripts (page length to be determined), including photos and diagrams, must be submitted **by 2 April 2001** to AMS Headquarters. Page charges will be assessed to defray printing costs. Registrants will receive a preprint volume at the conference.

To honor the memory of Spiros (“Speed”) Geotis, who inspired many students in his career of more than 40 years, the Spiros G. Geotis Prize will be awarded for the best student paper. Students who wish to be considered for this prize should indicate that when submitting their abstract, and they must be lead author and presenter of the paper. Recent graduates who completed their degree requirements after the 29th Conference on Radar Meteorology (July 1999) are also eligible for the Geotis Prize. Papers must be based on work done by a student, or largely completed while a student, and will be judged on scientific content and presentation at the conference.

For further information contact: Peter Meischner, Institut fuer Physik der Atmosphaere, Deutsches Zentrum fuer Luft- und Raumfahrt (DLR), Oberpfaffenhofen, D-82230 Wessling, Germany (tel: 49-8-153-28-2581; fax: 49-8-153-28-1841; e-mail: peter.meischner@dlr.de), or Matthias Steiner,

Department of Civil and Environmental Engineering, Princeton University, Princeton, NJ 0844 (tel: 609-258-4614; fax: 609-258-2799; e-mail: msteiner@princeton.edu). (6/00; r10/00; r1/01)

Call for Papers

18th Conference on Weather Analysis and Forecasting and 14th Conference on Numerical Weather Prediction, 30 July–2 August 2001, Fort Lauderdale, Florida

The 18th Conference on Weather Analysis and Forecasting (WAF) and 14th Conference on Numerical Weather Prediction (NWP), sponsored by the American Meteorological Society and organized by the AMS Committee on Weather Analysis and Forecasting, will be held 30 July–2 August 2001, Fort Lauderdale Marriott Marina, Fort Lauderdale, Florida. These conferences are being held in conjunction with the AMS Ninth Conference on Mesoscale Processes.

Preliminary programs, registration, hotel and travel information will be posted on the AMS Web site (<http://www.ametsoc.org/AMS>) in early March 2001. AMS recommends that attendees secure hotel reservations at the Ft. Lauderdale Marina Marriott by **22 June 2001**. For reservations, contact the Marriott at (800) 433-2254 or (954-463-4000). Be sure to mention the American Meteorological Society to get the lower conference rates.

From 1966 to 1995, WAF and NWP conferences were held during consecutive years, with each group focused on separate topics. In 1996, the conferences were combined to increase the interactions and knowledge sharing between the two groups. During the past four years a number of different formats were tried to determine the proper mix of WAF/NWP interaction. In 1999, the WAF Committee recommended that the joint WAF/NWP conferences be held every year beginning in 2001 with the focus of the conference on only one or two specific topics. A significant goal of these conferences is to bring together data assimilation developers, modelers, and operational users to focus and discuss issues at a single forum. The topics for the 2001 WAF/NWP conference are data analysis, data assimilation, and their impacts on the forecast process.

Abstracts of proposed presentations related to these issues include collection and assimilation of remotely sensed and in situ observations, operational data analysis procedures, numerical data assimilation schemes, current and future data analysis procedures, future data collection platforms, synoptic and mesoscale studies that use remotely sensed or new-technology sensor systems, initial condition uncertainties, objective/variational analysis techniques, future data assimilation transitions to operational centers, and operational use data analysis output for forecast development.

Please submit your abstract electronically via the Web by **1 February 2001** (refer to the AMS Web page at <http://www.ametsoc.org/AMS> for instructions). An abstract fee of \$60 (payable by credit card or purchase order) is charged at the time of submission (refundable only if the abstract is not accepted). When submitting your abstract please indicate your preference for an oral or poster presentation and if the delivery should be made via the Web.

Authors of accepted presentations will be notified (via e-mail) by early March. A preprint volume is being prepared and authors of invited and accepted papers will be asked to contribute to this volume. Instructions for formatting extended manuscripts for the preprint volume will be posted on the AMS Web site. Camera-ready manuscripts (page length to be determined), including photos and diagrams, must be submitted by **1 May 2001** to AMS Headquarters. Page charges will be assessed to defray printing costs. Registrants will receive a preprint volume at the conference.

For further information contact the Program Chairperson: William Burnett, Naval Meteorology and Oceanography Command, 1020 Balch Blvd., Stennis Space Center, MS 39529-5001 (tel: 228-688-4766; fax: 228-688-5791; e-mail: burnettb@cnmoc.navy.mil). (7/00; r8/00; r10/00)

Call for Papers

Ninth Conference on Mesoscale Processes, 30 July–2 August 2001, Ft. Lauderdale, Florida

The Ninth Conference on Mesoscale Processes, sponsored by the American Meteorological Society and organized by the AMS Committee on Mesoscale Processes, will be held 30 July–2 August 2001 in Ft. Lauderdale, Florida. This year Mesoscale Processes will be collocated with the AMS Weather Analysis and Forecasting/Numerical Weather Prediction meeting, with which there will be several joint sessions.

Preliminary programs, registration, hotel and travel information will be posted on the AMS Web site (<http://www.ametsoc.org/AMS>) in early March 2001. AMS recommends that attendees secure hotel reservations at the Ft. Lauderdale Marina Marriott by **22 June 2001**. For reservations, contact the Marriott at (800) 433-2254 or (954)463-4000. Be sure to mention the American Meteorological Society to get the lower conference rates.

The theme of Mesoscale Processes meeting will be Mesoscale Prediction and will include sessions on: 1) Mesoscale data assimilation for numerical weather prediction and research applications; 2) The development of the mesoscale prediction models; 3) Improving physical parameterizations in mesoscale models; 4) Mesoscale predictability and ensembles; and 5) New insights regarding mesoscale structure based on recent field experiments and new observing platforms.

Please submit your abstract electronically via the Web by **1 February 2001** (refer to the AMS Web page at <http://www.ametsoc.org/AMS> for instructions). An abstract fee of \$60 (payable by credit card or purchase order) is charged at the time of submission (refundable only if the abstract is not accepted). When submitting your abstract please indicate your preference for an oral or poster presentation and if the delivery should be made via the Web.

Authors of accepted presentations will be notified (via e-mail) by early March. A preprint volume is being prepared and authors of invited and accepted papers will be asked to contribute to this volume. Instructions for formatting extended manuscripts for the preprint volume will be posted on the AMS Web site. Camera ready manuscripts (page length to be determined), including photos and diagrams, must be submitted by **1 May 2001** to AMS Headquarters. Page charges will be assessed to defray printing costs. Registrants will receive a preprint volume at the conference.

For additional information, please contact the Program Chairperson, Cliff Mass, University of Washington, Department of Atmospheric Science, P.O. Box 351640, Seattle, WA (tel: 206-685-0910; fax: 206-543-0308; e-mail: cliff@atmos.washington.edu). (7/00; r10/00; r2/01)

Call for Papers

11th Conference on Satellite Meteorology and Oceanography, 15–18 October 2001, Madison, Wisconsin

The 11th Conference on Satellite Meteorology and Oceanography, sponsored by the American Meteorological Society and organized by the AMS Committee on Satellite Meteorology and Oceanography, will be held 15–18 October 2001 in Madison, Wisconsin.

A preliminary program, registration, hotel and general information will be posted on the AMS Web site (<http://www.ametsoc.org/AMS>) in early June 2001. AMS recommends that attendees secure hotel reservations at the Best Western Inn on the Park by 13 September 2001. For reservations, contact the Best Western Inn on the Park at (800) 279-8811 or (608) 257-8811.

As with the past two meetings, the conference will be an all poster format with a few invited oral overview presentations. The invited plenary presentations on topical issues of broad interest

will be used to set the themes of each day. To provide authors with sufficient time to discuss their research and to foster closer interaction among attendees, all other papers will be posters. Each session or day will be concluded in plenary with an interactive discussion of poster topics and themes. The general themes for the conference are listed below. Poster papers are solicited to cover any of these five broad areas of interest: 1) Environmental Applications of Land and Oceanic Remote Sensing. Subject areas include hazard support activities (i.e., volcanoes, wildfires, etc.), coastal-zone monitoring, land and agricultural processes, ocean color, sea ice, altimetry, ocean surface winds and air-sea fluxes; 2) Climatology and Long-Term Satellite Data Studies. Subject areas include the measurement of trends in temperature, water vapor, precipitation, trace gases, etc., and measuring the global water cycle from space; 3) Operational Applications. Subject areas include real-time applications of POES and GOES measurements and products, satellite data assimilation techniques, forward models, NWP impact studies, tropical cyclone studies, mesoscale and severe weather studies, use of rapid scan datasets, etc.; 4) Retrieval of Atmospheric Profiles and Constituents. Subject areas include retrieval methods used for temperature and moisture profiles, ozone, aerosols, precipitation, cloud water, etc.; 5) New Technology. Subject areas include both new satellites/sensors (i.e., *GOES-11*, MODIS, AMSU, GIFTS, SSMIS, TRMM, EOS, QuikSCAT, etc.) and new processing and retrieval techniques (i.e., neural networks, error analysis, multi-sensor techniques, hyperspectral imaging and retrievals, etc.).

The conference program committee especially invites students to be an integral part of the conference. Therefore, posters identified as student submissions (primary author) on the abstract will automatically be entered in a student poster contest, with cash prizes and certificates awarded at the conference. A panel of judges will select winners at the time of the poster viewing.

Please submit your abstract electronically via the Web by **1 May 2001** (refer to the AMS Web page at <http://www.ametsoc.org/AMS> for instructions). An abstract fee of \$60 (payable by credit card or purchase order) is charged at the time of submission (refundable only if the abstract is not accepted). Please be sure to submit your abstract on or before the deadline date. Papers will not be accepted after the abstract deadline. At the end of the abstract, authors are required to specify which one of the five themes above best describes the focus of their poster. Electronic posters are encouraged, but the program committee requests that your submission includes these plans and what your requirements may be (AMS can only provide a limited amount of technical support and hardware). E-mailed acceptance letters will be sent by mid June 2001.

Authors of accepted presentations will be notified (via e-mail) by early June. A preprint volume is being prepared and authors of invited and accepted papers will be asked to contribute to this volume. Instructions for formatting extended manuscripts for the preprint volume will be posted on the AMS Web site. Camera-ready manuscripts for the preprint must be submitted **by 3 August 2001** to AMS Headquarters. Page charges will be assessed to defray printing costs. Registrants will receive the preprint volume at the conference.

For more information on the conference, please contact Christopher Velden, CIMSS, University of Wisconsin-SSEC, 1225 West Dayton St., Madison, WI 53706, Attn: 11th SATMET (fax: 608-262-5974; e-mail: chrisv@ssec.wisc.edu). More information will also be regularly posted on the Web site: http://fermi.jhuapl.edu/sat_met_ocean/. (10/00; r2/01)

Call for Papers

Fourth Conference on Coastal Atmospheric and Oceanic Prediction and Processes, 6–9 November 2001, St. Petersburg, Florida

The Fourth Conference on Coastal Atmospheric and Oceanic Prediction and Processes, sponsored by the American Meteorological Society and organized by the AMS Committee on Meteorology, Oceanography, and Hydrology of the Coastal Zone, will be held 6–9 November

2001 in St. Petersburg, Florida.

This fourth coastal conference is collocating with ECM (Estuarine and Coastal Modeling) and with ERF (Estuarine Research Federation). A day a joint sessions is anticipated.

AMS recommends that attendees secure hotel reservations at the Tradewinds Sirata Hotel by 28 September 2001. For reservations, contact the Tradewinds at (727) 363-5100. The conference program and registration information will be posted on the AMS Web site (<http://www.ametsoc.org/AMS>) in mid June 2001.

The theme for this conference is "Unifying our knowledge and modeling of the coastal atmosphere-ocean environment for the 21st century." Our goal is to bring research and operations together to discuss how to combine our knowledge of the atmosphere and the ocean to improve our ability to analyze and predict the coupled air-ocean system.

The conference will address research, development, and operational issues concerning the analysis and prediction of coastal atmosphere, ocean, and coupled atmosphere-ocean phenomena and processes. Since the conference meets jointly with ECM and ERF, and the former AMS Committee on Meteorology and Oceanography of the Coastal Zone is now the AMS Committee on Meteorology, Oceanography, and Hydrology of the Coastal Zone, papers on hydrological processes in the coastal zone are encouraged.

In particular, papers are solicited and encouraged in the following areas: 1) utilization and/or acquisition of observations in the coastal zone, 2) coastal air-ocean, air-wave, and hydrological processes, and 3) coastal air-ocean, air-wave, and hydrological modeling: research and operations, and 3) special session (on Tuesday) on the Coastal Data Exchange, which will be a follow-up to the Interactive Symposium on the Exchange of Operational and Research Coastal Oceanic, Atmospheric, and Hydrologic Observations and Model Products (being held at the 81st AMS Annual Meeting in January 2001). Participants with additional suggestions are encouraged to contact either of the program chairpersons.

Please submit your abstract electronically via the Web by **4 May 2001** (refer to the AMS Web page at <http://www.ametsoc.org/AMS> for instructions). An abstract fee of \$60 (payable by credit card or purchase order) is charged at the time of submission (refundable only if the abstract is not accepted). When submitting your abstract please indicate your preference for an oral or poster presentation. If your preference is for an oral presentation, indicate whether you will make the presentation using overheads or if you intend to make an electronic presentation.

Authors of accepted presentations will be notified (via e-mail) by mid June. A preprint volume is being prepared and authors of invited and accepted papers will be asked to contribute to this volume. Instructions for formatting extended manuscripts for the preprint volume will be posted on the AMS Web site. Camera ready manuscripts (page length to be determined), including photos and diagrams, must be submitted by **3 August 2001** to AMS Headquarters. Page charges will be assessed to defray printing costs. Registrants will receive a preprint volume at the conference. For further information please contact: Frank Aikman III, National Ocean Service, NOAA, 1315 East-West Highway, Silver Spring, MD 20910 (tel: 301-713-2809 x101; fax: 301-713-4501; e-mail: Frank.Aikman@noaa.gov), or Richard M. Hodur, Naval Research Laboratory, 7 Grace Hopper Ave., Monterey, CA 93943-5502 (tel: 831-656-4788; fax: 831-656-4769; e-mail: hodur@nrlmry.navy.mil). (11/00)

Fourth Symposium on Fire and Forest Meteorology, 13–15 November 2001, Reno, Nevada

The Fourth Symposium on Fire and Forest Meteorology, sponsored by the American Meteorological Society, and organized by the AMS Committee on Agricultural and Forest Meteorology, will be held 13–15 November 2001 in Reno, Nevada.

AMS recommends that attendees secure hotel reservations at the Atlantis Casino Resort Hotel by

6 October 2001. For reservations, contact the Atlantis at (800) 723-6500. The conference program and registration information will be posted on the AMS Web site (<http://www.ametsoc.org/AMS>) in mid July 2001.

The theme of the symposium will be to share experiences, new techniques and technologies and/or changes in the areas of 1) coupled fire-atmosphere modeling, 2) use of mesoscale meteorological models for short-range fire planning, including, but not limited to, application of the next generation fire danger rating system, 3) use and development of weather forecasts for prescribed fire planning and execution 4) techniques in smoke management and air quality mitigation related to the new national fire policy and the EPA PM2.5 standards, 5) mid- and long-range forecasting for fire control and fire use planning, 6) operational and near-operational fire weather forecasting techniques—use of new technologies and resources, 7) weather applications for operational fire behavior assessment and forecasts, 8) use and assessment of climate forecasts in fire management planning, 9) impacts of weather and climate on wildfire, 10) utilization of weather and climate information for wildfire decision-making. A joint session may be held with the organized by the AMS Committee on Societal Impacts. Participants with additional suggestions for the program are encouraged to contact the program chairpersons.

Please submit your abstract electronically via the Web by **1 June 2001** (refer to the AMS Web page at <http://www.ametsoc.org/AMS> for instructions). An abstract fee of \$60 (payable by credit card or purchase order) is charged at the time of submission (refundable only if the abstract is not accepted).

Authors of accepted presentations will be notified (via e-mail) by mid-July. Authors of accepted presentations will be notified (via e-mail) by mid July. A preprint volume is being prepared and authors of invited and accepted papers will be asked to contribute to this volume. Instructions for formatting extended manuscripts for the preprint volume will be posted on the AMS Web site. Camera ready manuscripts (page length to be determined), including photos and diagrams, must be submitted by **24 August 2001** to AMS Headquarters. Page charges will be assessed to defray printing costs. Registrants will receive a preprint volume at the conference.

For further program information contact either one of the Program Cochairpersons: Tim Brown, Desert Research Institute, 2215 Raggio Parkway, Reno, NV 89512-1095 (tel: 775-674-7090; fax: 775-674-7016; e-mail: tbrown@dri.edu) or Sue Ferguson, Forestry Sciences Lab, 4043 Roosevelt Way NE, Seattle, WA 98105-6497 (tel: 206-732-7828; fax: 206-732-7801; email: sferguson@fs.fed.us). (1/01)

AMS 2002 MEETINGS

82nd AMS Annual Meeting 13–18 January 2002 Orlando, Florida

The 82nd Annual Meeting of the American Meteorological Society will be held 13–18 January 2002 at the Orlando Convention Center, Orlando, Florida

The 82nd Annual Meeting is being organized around the broad theme of generating environmental information and services. Future improvements in forecast skill and user applications require incremental improvement in the continuum of activity from observation to prediction and data utilization, as well as the interfaces between developers and users. Two special interdisciplinary symposia are being organized to support the theme.

The Symposium on Observations, Data Assimilation, and Probabilistic Prediction (cochairpersons: Robert Atlas and Eugenia Kalnay) will focus on the processes through which observations are assimilated and used to produce useful datasets and forecasts in the atmospheric,

oceanic, and hydrologic sciences, with special emphasis on ensemble predictions. The Third Symposium on Environmental Applications: Facilitating the Use of Environmental Information (cochairpersons: Nick Keener and Lee Branscome) will address a broad array of services in the public and private sectors with an emphasis on the end use of environmental information. The full call for papers for each of these two symposia are provided below.

The meeting will also feature a president's symposium entitled "Society and the Society" (cochairpersons: Roger Pielke Jr. and Richard Greenfield). This symposium will address how AMS can better communicate a synthesis of the science both for the membership and others, and how the AMS can help to further develop and communicate societal impacts research and mechanisms to support researchers, policymakers, and users of weather and climate information.

A set of presentations providing the "state of the science" within a few selected subdisciplines of our science is planned for this meeting, and it is expected to be the first of a series of such presentations at AMS annual meetings.

The meeting will include a few interdisciplinary conferences and symposia that have become traditional at the AMS Annual Meetings, including the 18th International Conference on Interactive Information Processing Systems (IIPS), the 13th Symposium on Global Change and Climate Variations, the 11th Symposium on Education, and the Sixth Symposium on Integrated Observing Systems. In addition, the meeting will include the 16th Conference on Probability and Statistics; the 15th Conference on Hydrology; the Fourth Conference on Atmospheric Chemistry: Urban, Regional, and Global Scale Impacts of Air Pollutants; and the Interactive Symposium on the Advanced Weather Interactive Processing System (AWIPS). Calls for papers for these conferences and symposia appear in this and future issues of the *Bulletin*, with the most up-to-date information always available on the AMS Web site (<http://www.ametsoc.org/AMS>).

In keeping with the new structure implemented with the 2001 Annual Meeting in Albuquerque, the meeting will make extensive use of poster sessions, including a "Grand Poster Night" with reception in addition to both formal and informal viewing times throughout the week. The oral sessions for the two broad symposia will include invited presentations intended to serve not only those carrying out active research in these areas but also attendees not working directly in these areas who want to become aware of the latest findings. As always, the annual meeting will host the largest exhibit anywhere of products and services in the atmospheric and related sciences, and a number of special functions will continue to make the AMS Annual Meeting one of the most productive weeks of the year for those seeking interactions with others in the field. (2/01)

Call for Papers

Symposium on Observations, Data Assimilation, and Probabilistic Prediction, 13-18 January 2002, Orlando, Florida

The Symposium on Observations, Data Assimilation, and Probabilistic Prediction, sponsored by the American Meteorological Society, will be held 13-18 January 2002 as part of the 82nd AMS Annual Meeting in Orlando, Florida. A preliminary program, registration, hotel, and general information will be posted on the Web at <http://www.ametsoc.org/AMS> in early September 2001.

This symposium supports an interdisciplinary theme for the 82nd Annual Meeting associated with generation of environmental information and services. As such, it will be broad in scope, spanning the continuum from observation through prediction (or other utilization) in the atmospheric, oceanic, and hydrologic sciences. Papers are solicited on topics including, but not limited to, the following: more effective assimilation of the vast observational datasets now available; the emerging role of data assimilation in the oceans, land surface, atmospheric chemistry, hydrology, and the water cycle; observing systems forecast impact experiments; and

strategies for adaptive observations. Ensemble prediction and assimilation is a special focus of this symposium as are other methods for statistical analysis and probabilistic predictions. Participants with additional suggestions for the program are encouraged to contact the program cochairpersons. This symposium is expected to have joint sessions with several other conferences and symposia at the annual meeting, including the 16th Conference on Probability and Statistics, the 15th Conference on Hydrology, the 13th Symposium on Global Change and Climate Variations, the Sixth Symposium on Integrated Observing Systems, and the Fourth Conference on Atmospheric Chemistry.

To leave time for longer oral presentations and panel discussions, and to reduce the need for parallel sessions, extensive use of poster sessions is planned. The posters will focus on recent results and specific applications in the areas noted above. The posters will be set up at the beginning of the meeting and be available for viewing all week, with two formal viewing times (one during the Grand Poster Night). It is anticipated that the space available for the posters will be adequate that all or most submitted abstracts can be presented.

Please submit your abstract electronically via the Web by **1 July 2001** (refer to the AMS Web page at <http://www.ametsoc.org/AMS> for instructions). An abstract fee of \$60 (payable by credit card or purchase order) is charged at the time of submission (refundable only if the abstract is not accepted).

Authors of accepted presentations will be notified (via e-mail) by mid September. A preprint volume is being prepared and authors of invited and accepted papers will be asked to contribute to this volume. Instructions for formatting extended manuscripts for the preprint volume will be posted on the AMS Web site. Extended preprint manuscripts (page length to be determined), including photos and diagrams, must be submitted by **1 October 2001** to AMS Headquarters. Page charges will be assessed to defray printing costs. Registrants will receive a preprint volume at the conference.

For more information, contact the Program Chairpersons: Robert M. Atlas, NASA Data Assimilation Office, Building 33, Room C122, code 910.3, Goddard Space Flight Center, Greenbelt, MD 20771 (tel: 301-614-6140; fax: 301-614-6297; e-mail: atlas@dao.gsfc.nasa.gov), or Eugenia Kalnay, Dept. of Meteorology, University of Maryland, 3431 Computer and Space Sciences Bldg., College Park, MD 20742 (tel: 301-405-5370; fax 301-314-9482; e-mail: ekalnay@atmos.umd.edu). (2/01)

Call for Papers

Third Symposium on Environmental Applications: Facilitating the Use of Environmental Information, 13–18 January 2002, Orlando, Florida

The Third Symposium on Environmental Applications: Facilitating the Use of Environmental Information, sponsored by the American Meteorological Society, will be held 13–18 January 2002 as part of the 82nd AMS Annual Meeting in Orlando, Florida. A preliminary program, registration, hotel, and general information will be posted on the Web at <http://www.ametsoc.org/AMS> in early September 2001.

This symposium serves as one of the two interdisciplinary themes for the 82nd Annual Meeting, and as such will be broad in scope. Papers are solicited on topics in the application of meteorology, oceanography, and hydrology to the following: energy use and design (including wind and nuclear), architecture and construction, biometeorology and aerobiology, fire/forest, planned and inadvertent weather modification, air quality, coastal and ocean engineering, forensics, human health, water resources (quality and quantity), space weather, agriculture, insurance, weather derivatives, transportation [include meteorological aspects of the Intelligent Transportation System (ITS)], ecosystem and natural resource management, natural hazard mitigation strategies, business

planning and analysis, and decision making under a sustainable development framework. Participants with additional suggestions for the program are encouraged to contact the program cochairpersons.

To leave time for longer oral presentations and panel discussions, and to reduce the need for parallel sessions, extensive use of poster sessions is planned. The posters will focus on recent results and specific applications in the areas noted above. The posters will be set up at the beginning of the meeting and be available for viewing all week, with two formal viewing times (one during the Grand Poster Night). It is anticipated that the space available for the posters will be adequate that all or most submitted abstracts can be presented.

Please submit your abstract electronically via the Web by **1 July 2001** (refer to the AMS Web page at <http://www.ametsoc.org/AMS> for instructions). An abstract fee of \$60 (payable by credit card or purchase order) is charged at the time of submission (refundable only if the abstract is not accepted).

Authors of accepted presentations will be notified (via e-mail) by mid September. A preprint volume is being prepared and authors of invited and accepted papers will be asked to contribute to this volume. Instructions for formatting extended manuscripts for the preprint volume will be posted on the AMS Web site. Extended preprint manuscripts (page length to be determined), including photos and diagrams, must be submitted by **1 October 2001** to AMS Headquarters. Page charges will be assessed to defray printing costs. Registrants will receive a preprint volume at the conference.

For more information, contact the Program Chairpersons: Nick Keener, Duke Energy, 526 S. Church St., P.O. Box 1244, Charlotte, NC 28202-1803 (tel: 704-594-0289; fax: 704-594-0556; e-mail: rnkeener@duke-energy.com) or Dr. Lee E. Branscome, Environmental Dynamics Research, 7338 155 Place North, Palm Beach Gardens, FL 33418 (Tel: 561-744-4889; fax: 561-744-5098; e-mail: branscome@edrinc.com). (2/01)

Call for Papers

18th International Conference on Interactive Information and Processing Systems (IIPS) for Meteorology, Oceanography and Hydrology, 13–18 January 2002, Orlando, Florida

The 18th International Conference on IIPS for Meteorology, Oceanography and Hydrology, sponsored by the American Meteorological Society and organized by the AMS Committee on Interactive Information and Processing Systems, will be held 13–18 January 2002 as part of the 82nd AMS Annual Meeting in Orlando, Florida. A preliminary program, registration, hotel, and general information will be posted on the Web at <http://www.ametsoc.org/AMS> in early September 2001.

The theme of the 2002 IIPS conference will be "Assessing applications of technology in interactive processing systems to fully optimize operations and research in Meteorology, Oceanography and Hydrology."

Abstracts will be solicited on the following IIPS topics: 1) Forecasting system technologies, 2) Observing system technologies, 3) Advancements/applications in Hydrology, Oceanography and Climatology, 4) Data and Information Handling, 5) Internet/Web Opportunities and Challenges, 6) Visualization, 7) European and other International Applications, 8) Data Access and Processing, and 9) Surface Transportation Applications. Special or joint sessions will be held with other conferences or symposia depending on common interests and objectives. A special session is definitely planned with the AMS Symposium on the Advanced Weather Interactive Processing System (AWIPS).

Please submit your abstract electronically via the Web by **1 July 2001** (refer to the AMS Web page at <http://www.ametsoc.org/AMS> for instructions). An abstract fee of \$60 (payable by credit

card or purchase order) is charged at the time of submission (refundable only if the abstract is not accepted). When submitting your abstract please indicate your preference for an oral or poster presentation.

Authors of accepted presentations will be notified (via e-mail) by mid September. A preprint volume will be prepared and authors of invited and accepted papers will be asked to contribute to this volume. Instructions for formatting extended manuscripts for the preprint volume will be posted on the AMS Web site. Extended preprint manuscripts (page length to be determined), including photos and diagrams, must be submitted by **1 October 2001** to AMS Headquarters. Page charges will be assessed to defray printing costs. Registrants will receive a preprint volume at the conference.

For more information, contact the Program Chairperson: Terry C. Tarbell, PRC Inc., 1500 PRC Drive MS: 6N3, McLean, VA 22102; (tel: 703-883-5140; fax: 703-556-1800; e-mail: tarbell_terry@prc.com;). (2/01)

Call for Papers

16th Conference on Probability and Statistics, 13–18 January 2002, Orlando, Florida

The 16th Conference on Probability and Statistics, sponsored by the American Meteorological Society and organized by the AMS Committee on Probability and Statistics, will be held 13–18 January 2002 as part of the 82nd AMS Annual Meeting in Orlando, Florida. A preliminary program, registration, hotel, and general information will be posted on the Web at <http://www.ametsoc.org/AMS> in early September 2001.

Papers are solicited on all aspects of probability and statistics in the atmospheric sciences, including but not limited to, observations and data assimilation, ensemble prediction, weather forecasting, climate variations and forecasting, environmental applications, data display and analysis, spatial and space-time statistics, time series, forecast evaluation, weather derivatives, and statistical aspects of global change, hydrology, atmospheric chemistry and air pollution.

Please submit your abstract electronically via the Web by **1 July 2001** (refer to the AMS Web page at <http://www.ametsoc.org/AMS> for instructions). An abstract fee of \$60 (payable by credit card or purchase order) is charged at the time of submission (refundable only if the abstract is not accepted). When submitting your abstract please indicate your preference for an oral or poster presentation. Authors of accepted presentations will be notified (via e-mail) by mid September.

A preprint volume is being prepared and authors of invited and accepted papers will be asked to contribute to this volume. Instructions for formatting extended manuscripts for the preprint volume will be posted on the AMS Web site. Extended preprint manuscripts (page length to be determined), including photos and diagrams, must be submitted by **1 October 2001** to AMS Headquarters. Page charges will be assessed to defray printing costs. Registrants will receive a preprint volume at the conference.

For more information, contact the Program Chairperson: Robert E. Livezey, (tel: 301-763-8000, extension 7527; e-mail: Bob.Livezey@noaa.gov) (2/01; r3/01)

Call for Papers

15th Conference on Hydrology, 13–18 January 2002, Orlando, Florida

The 15th Conference on Hydrology, sponsored by the American Meteorological Society and organized by the AMS Committee on Hydrology, will be held 13–18 January 2002 as part of the 82nd AMS Annual Meeting in Orlando, Florida. A preliminary program, registration, hotel, and general information will be posted on the Web at <http://www.ametsoc.org/AMS> in early

September 2001.

Session topics will include the following 1) heavy precipitation and flash flooding 2) land-atmosphere interactions, 3) hydrologic modeling, 4) seasonal to interannual water resources forecasting and 5) remote sensing of hydrologic processes.

Please submit your abstract electronically via the Web by **1 July 2001** (refer to the AMS Web page at <http://www.ametsoc.org/AMS> for instructions). An abstract fee of \$60 (payable by credit card or purchase order) is charged at the time of submission (refundable only if the abstract is not accepted). When submitting your abstract please indicate your preference for an oral or poster presentation.

Authors of accepted presentations will be notified (via e-mail) by mid September. A reprint volume is being prepared and authors of invited and accepted papers will be asked to contribute to this volume. Instructions for formatting extended manuscripts for the preprint volume will be posted on the AMS Web site. Extended preprint manuscripts (page length to be determined), including photos and diagrams, must be submitted by **1 October 2001** to AMS Headquarters. Page charges will be assessed to defray printing costs. Registrants will receive a preprint volume at the conference.

For more information, contact the Program Chairperson(s): James A. Smith, Department of Civil and Environmental Engineering, Princeton University, Princeton, NJ 08544 (Tel: 609 258-4615; e-mail jsmith@princeton.edu, fax: 608 258-2799). (2/01; r3/01)

Call for Papers

13th Symposium on Global Change and Climate Variations, 13–18 January 2002, Orlando, Florida

The 13th Symposium on Global Change and Climate Variations, sponsored by the American Meteorological Society, organized with support by the AMS Committee on Climate Variations, will be held as a part of the 82nd AMS Annual Meeting, 13–18 January 2002 in Orlando, Florida. A preliminary program, registration, hotel, and general information will be posted on the Web at <http://www.ametsoc.org/AMS> in early September 2001.

The 13th Symposium on Global Change and Climate Variations will be devoted to advances in our understanding of decadal-to-centennial and seasonal-to-interannual climate variability and changes. Areas to be addressed in the 13th Symposium on Global Change and Climate Variations include: climate modeling; variability and change in the observed record; climate forcing factors such as land surface modifications, aerosols, and greenhouse gases; land surface and hydrology interactions with the climate system; climate change detection; and variability and changes in the paleoclimate record. A special session is planned on climate model diagnosis: tools and techniques. Papers for this session should address one of the following: new methods of accessing and manipulating large data sets, creative techniques that reveal systematic errors in climate models, model intercomparison, or methods that suggest the causes of model errors. Additional areas of emphasis for the symposium are likely in support of the Annual Meeting theme.

Please submit your abstract electronically via the Web by **1 July 2001** (refer to the AMS Web page at <http://www.ametsoc.org/AMS> for instructions). An abstract fee of \$60 (payable by credit card or purchase order) is charged at the time of submission (refundable only if the abstract is not accepted). Due to the large numbers of abstract submissions in recent symposiums, authors are strongly encouraged to submit only one oral presentation, with additional papers submitted as posters. If a primary author submits multiple oral presentations, the Program Committee reserves the right to designate one or more of the additional papers for poster presentation.

Authors of accepted presentations will be notified (via e-mail) by mid September. A preprint volume will be prepared and authors of invited and accepted papers will be asked to contribute to

this volume. Instructions for formatting extended manuscripts for the preprint volume will be posted on the AMS Web site. Extended preprint manuscripts (page length to be determined), including photos and diagrams, must be submitted by **1 October 2001** to AMS Headquarters. Page charges will be assessed to defray printing costs. Registrants will receive a preprint volume at the conference.

For further information please contact the Program Chairperson, David R. Easterling, NOAA/National Climatic Data Center, 151 Patton Avenue, Asheville, NC 28801, 828-271-4675, (fax: 828-271-4328, e-mail: David.R.Easterling@noaa.gov. (2/01)

Call for Papers

11th Symposium on Education, 13–18 January 2002, Orlando, Florida

The 11th Symposium on Education, sponsored by the American Meteorological Society and organized by the AMS Commission on Education and Human Resources, will be held 13–18 January 2002 as part of the 82nd AMS Annual Meeting in Orlando, Florida. A preliminary program, registration, hotel, and general information will be posted on the Web at <http://www.ametsoc.org/AMS> in early September 2001.

The theme for the Symposium on Education will be "Creating Opportunities in Educational Outreach through the Atmospheric and Oceanic Sciences." There will be both oral and poster sessions for K–12, and university education outreach activities. Papers related to diversity and human resource issues will also be accepted. There will be a special session on outreach programs pertaining to physical oceanography and air–sea interaction.

Please submit your abstract electronically via the Web by **1 June 2001** (refer to the AMS Web page at <http://www.ametsoc.org/AMS> for instructions). An abstract fee of \$60 (payable by credit card or purchase order) is charged at the time of submission (refundable only if the abstract is not accepted). When submitting your abstract please indicate your preference for an oral or poster presentation.

Authors of accepted presentations will be notified (via e-mail) by mid September. A preprint volume is being prepared and authors of invited and accepted papers will be asked to contribute to this volume. Instructions for formatting extended manuscripts for the preprint volume will be posted on the AMS Web site. Extended preprint manuscripts (page length to be determined), including photos and diagrams, must be submitted by **1 October 2001** to AMS Headquarters. Page charges will be assessed to defray printing costs. Registrants will receive a preprint volume at the conference.

For more information, contact the Program Chairperson: David R Smith (tel: 410-293-6553; e-mail: drsmith@usna.edu). (2/01)

Call for Papers

Sixth Symposium on Integrated Observing Systems, 13–18 January 2001, Orlando, Florida

The Sixth Symposium on Integrated Observing Systems, sponsored by the American Meteorological Society, will be held 13–18 January 2002 as part of the 82nd AMS Annual Meeting in Orlando, Florida. A preliminary program, registration, hotel, and general information will be posted on the Web at <http://www.ametsoc.org/AMS> in early September 2001.

The symposium will include all aspects of the regional and global heterogeneous observing systems, and the assimilation systems that are used to combine and use the data for various disciplines. Joint sessions are planned between this symposium and the Symposium on Observations, Data Assimilation, and Probabilistic Prediction.

Papers are solicited in the following areas: 1) new observing systems or sensors; 2) advances in the use of observational data; 3) adaptive observations; 4) role of observing systems in weather, climate, oceans, hydrology, chemistry, etc.; 5) testing and simulation of observing systems; and 6) assimilation. A detailed call for papers has already been posted to the AMS Web site, and will be published in the March issue of the *Bulletin*. Participants with additional suggestions for the program are encouraged to contact the program chair.

Please submit your abstract electronically via the Web by **1 July 2001** (refer to the AMS Web page at <http://www.ametsoc.org/AMS> for instructions). An abstract fee of \$60 (payable by credit card or purchase order) is charged at the time of submission (refundable only if the abstract is not accepted).

Authors of accepted presentations will be notified (via e-mail) by mid September. A preprint volume is being prepared and authors of invited and accepted papers will be asked to contribute to this volume. Instructions for formatting extended manuscripts for the preprint volume will be posted on the AMS Web site. Extended preprint manuscripts (page length to be determined), including photos and diagrams, must be submitted by **1 October 2001** to AMS Headquarters. Page charges will be assessed to defray printing costs. Registrants will receive a preprint volume at the conference.

For more information, contact the Program Chairperson: Alexander MacDonald R/E/FS, NOAA/Forecast Systems Lab, 325 S. Broadway, Boulder, CO 80303; (tel: 303-497-6378; fax: 303-497-6821; e-mail: macdonald@fsl.noaa.gov). (2/01)

Call for Papers

The Fourth Conference on Atmospheric Chemistry: Urban, Regional, and Global Scale Impacts of Air Pollutants, 13–18 January 2002, Orlando, Florida

The Fourth Conference on Atmospheric Chemistry: Urban, Regional, and Global Scale Impacts of Air Pollutants, sponsored by the American Meteorological Society and organized by the AMS Committee on Atmospheric Chemistry, will be held 13–18 January 2002 as part of the 82nd AMS Annual meeting in Orlando, Florida. A preliminary program, registration, hotel, and general information will be posted on the Web at <http://www.ametsoc.org/AMS> in early September 2001.

This symposium will address the impacts of air pollutants both gases and aerosols on urban, regional, and global scale that atmospheric chemists and meteorologists are currently concerned with in tropospheric chemistry. Fundamental aspects of atmospheric chemistry and its integration with urban, regional, and global scale modeling and measurement will be addressed. Contributions within the general areas of atmospheric chemistry are also welcomed.

Specific topical areas are sought including: 1) tropospheric aerosols–chemistry and radiative properties, 2) field studies examining urban and regional scale oxidant and aerosol production, 3) air pollution impacts on the biosphere and carbon cycles, 4) aircraft and remote sensing of atmospheric trace gases and aerosols, 5) boundary layer nighttime chemical processes, 6) heterogeneous chemical reactions in clouds, 7) stratospheric heterogeneous chemistry and stratosphere–troposphere exchange, 8) development of real-time and near real-time air quality modeling that uses integration of measurement on urban and regional scales, 9) advances in instrumentation for aerosol and trace gas measurements, and 10) impacts of anthropogenic and natural halogen sources on urban and regional chemistries. Poster presentations from undergraduate and graduate students involved in atmospheric chemistry studies and internships are invited for the joint session with the 11th Symposium on Education. Participants with additional suggestions for the program are encouraged to contact the program chairperson.

Please submit your abstract electronically via the Web by **1 July 2001** (refer to the AMS Web

page at <http://www.ametsoc.org/AMS> for instructions). An abstract fee of \$60 (payable by credit card or purchase order) is charged at the time of submission (refundable only if the abstract is not accepted). When submitting your abstract please indicate your preference for an oral or poster presentation. Authors of accepted presentations will be notified (via e-mail) by mid September.

A preprint volume is being prepared and authors of invited and accepted papers will be asked to contribute to this volume. Instructions for formatting extended manuscripts for the preprint volume will be posted on the AMS Web site. Extended preprint manuscripts (page length to be determined), including photos and diagrams, must be submitted by **1 October 2001** to AMS Headquarters. Page charges will be assessed to defray printing costs. Registrants will receive a preprint volume at the conference.

For further information contact Jeffrey S. Gaffney, Argonne National Laboratory, Bldg. 203/ER, Argonne, IL 60439 (tel: 630-252-5178; fax: 630-252-7415; e-mail: gaffney@anl.gov). (2/01)

Call for Papers

Interactive Symposium on the Advanced Weather Interactive Processing System (AWIPS), 13–18 January 2002

As part of the 82nd AMS Annual Meeting, 13–18 January 2002 in Orlando, Florida, the AMS Board for Operational Government Meteorologists, AMS Committee on Interactive Information and Processing Systems, and the AMS Committee on Weather Analysis and Forecasting are co-sponsoring an AWIPS interactive symposium. A preliminary program, registration, hotel, and general information will be posted on the AMS Web site (<http://www.ametsoc.org/AMS>) in late September 2001.

The theme of the 2002 symposium is “Leveraging AWIPS to Maximize Weather Decision Assistance for our Nation’s Customers.” The primary purposes of this symposium are three-fold: to provide a platform for the hands-on exchange of operationally-oriented ideas, plans, procedures, and software enhancements related to AWIPS; to increase communication and collaboration among and between end-user field personnel and developers; and an opportunity for “hands-on” demonstration of AWIPS capabilities.

Oral presentations, poster presentations, and software demonstrations on AWIPS workstations will be solicited. Papers are solicited in the following areas: the Interactive Forecast Preparation System (IFPS), Display Three Dimension (D3D); in-house modeling on AWIPS; warning operations; hydrology applications and other local application development; local workstation configuration, display enhancements, customization, data and communications issues; and user training efforts.

Please submit your abstract electronically via the Web by **1 July 2001** (refer to the AMS Web page at <http://www.ametsoc.org/AMS> for instructions). An abstract fee of \$60 (payable by credit card or purchase order) is charged at the time of submission (refundable only if the abstract is not accepted).

Authors of accepted presentations will be notified (via e-mail) by mid September. A preprint volume is being prepared and authors of invited and accepted papers will be asked to contribute to this volume. Instructions for formatting extended manuscripts for the preprint volume will be posted on the AMS Web site. Extended preprint manuscripts (page length to be determined), including photos and diagrams, must be submitted by **1 October 2001** to AMS Headquarters. Page charges will be assessed to defray printing costs. Registrants will receive a preprint volume at the conference.

For further information please contact a member of the Program Committee:

Major Ken Carey, Air Force Studies and Analyses Agency (AFSAA/SATG), 1570 Air Force Pentagon, Washington DC 20330-1570 (tel: 703-588-8626; fax 703-588-0220; e-mail: kenneth.carey@pentagon.af.mil)

Terry Tarbell, PRC Inc., 1500 PRC Drive, McLean, VA 22102-5050 (tel: 703-883-5140; fax 703-556-1800; e-mail: tarbell_terry@prc.com)

Bill Burnette, Naval Meteorology and Oceanography Command, 1020 Balch Blvd., Stennis Space Center, MS 39529-5001 (tel: 228-688-4766; fax: 228-688-5791; e-mail: burnettb@cnmoc.navy.mil)

Dan McCarthy, NOAA/NWS/SPC, 1313 Halley Circle, Norman, OK 73069 (tel: 405-579-0747; fax 405-579-0700, e-mail Daniel.McCarthy@spc.noaa.gov)

Dan Nietfeld, National Weather Office Forecast Office, 6365 North Osborne Dr. W., Hastings, NE 68901-9120 (tel: 402-462-2995; fax: 402-462-2746; e-mail: Dan.Nietfeld@noaa.gov). (2/01)

OTHER 2001 MEETINGS OF INTEREST

Pacific Northwest Weather Workshop, 2–3 March 2001, Seattle, Washington

The Pacific Northwest Weather Workshop will be held at the NOAA Western Regional Center campus at Sand Point in Seattle, Washington, on Friday and Saturday, 2–3 March 2001.

This annual conference, sponsored by the National Weather Service, the University of Washington, and the Puget Sound Chapter of the American Meteorological Society, covers recent developments in weather forecasting and observational technologies, major weather events of the past year, and other topics dealing with the meteorology of the West Coast.

In addition to general topic of West Coast weather, this year's meeting will place special emphasis on the air quality of the Northwest (including topics related to its diagnosis and forecasting), fire weather, and the forecasting of smoke dispersion from wild and prescribed fires. We will be inviting key scientists in each area to present a general overview and update on the current issues. Shorter submitted talks related to these topic areas would follow the invited presentations. The final element will be a follow-on poster session and discussion. We are hopeful this format will provide substantial time for interaction and discussion. To this end, we are encouraging authors to consider the poster format.

The deadline for abstracts has passed. For information check the Web at <http://www.atmos.washington.edu/~cliff/NWworkshop.html> or contact Clifford Mass, Department of Atmospheric Sciences, P.O. Box 351640, University of Washington, Seattle, WA 98195 (206-685-0190, cliff@atmos.washington.edu) or Brad Colman/Chris Hill, NWS Forecast Office, 7600 Sand Point Way NE, Seattle, WA 98115 (tel: 206-526-6095, x224/222, e-mail: chris.hill@noaa.gov). (11/00)

Eighth International Meeting on Statistical Climatology, 12–16 March 2001, Lüneburg, Germany

The International Meeting on Statistical Climatology has been organized by a group of independent climatologists and statisticians since 1979. The eighth of these meetings will be held in from 12–16 March 2001 in Lüneburg, Germany.

The purpose of the meetings is to bring together climatologists and statisticians, to exchange concepts and problems. Climatologists present statistical problems in climatology (including meteorology and related fields) and consider the methods that are currently used to deal with these problems. Also, techniques tailored by climatologists for the specific needs of climatology are presented. Statisticians, on the other hand, present new, state-of-the art techniques developed within mathematical statistics and other scientific fields. By discussing the needs of climatology and the possibilities offered by modern statistics, synergetic effects are obtained, advancing the methodical basis of climatology and helping statistics to focus on relevant problems.

The present meeting is organized into five sessions, each dealing with a challenge that

climatology is presently facing: Stochastic climate models; Extreme value analysis; Statistics, models and data assimilation; Simulation models; Decision-making. Contributions unrelated to these chosen topics are welcome as well.

For further information refer to the conference Web site at <http://w3g.gkss.de/8imsc.html> or contact Götz Flöser, GKSS Research, Centre, Geesthacht, Germany (local organization), e-mail: floeser@gkss.de. (8/00)

Celebration of the 125th Anniversary of the Indian Meteorological Department (IMD); International Conference & a Workshop on the Forecasting Monsoons: From Days to Years, 19–28 March 2001, New Delhi, India

These conferences, sponsored by the World Meteorological Organization, the Indian Meteorological Society, and the Royal Meteorological Society, are aimed at the study of the physics and prediction of monsoon variability on all time scales will be held sequentially in New Delhi, India, in the period 19–28 March 2001. The American Meteorological Society is a cooperating organization.

The Celebration of the 125th anniversary of the Indian Meteorological Department (IMD) will be held over the first two days from 19 to 20 March 2001. In celebration of the IMD's 125th anniversary, the IMD is organizing a mega-event to highlight the role of meteorology in service to society. Point of contact for this two-day anniversary is S. K. Srivastav, IMD (e-mail: sks@imd.ernet.in).

The International Conference on the "Forecasting Monsoons: From Days to Years" is taking place from 21 through 22 March 2001. Series of invited talks on the monsoon, monsoon weather, variability, weather extremes, intraseasonal monsoon variability, interannual monsoon variability, interdecadal variability: Each with an emphasis on prediction and the application of predictions. In addition there will be sessions on process studies for monsoon investigations and new collaborative opportunities and observational possibilities. A mix of international and Indian experts chosen by the committee will provide these talks. A substantial poster session will be held each day for contributed papers. Contact points: J. Shukla, (e-mail: shukla@cola.iges.org), P. J. Webster (e-mail: pjw@oz.colorado.edu), G. J. Holland: (e-mail: gjhol@msn.com.au), T. N. Palmer (e-mail: nez@ecmwf.int), and S. K. Srivastav, IMD (e-mail: sks@imd.ernet.in)

This joint venture will wrap up with a workshop, which is being held 23–28 March 2001, entitled, "Forecasting Monsoons: From Days to Years". The sessions will include 1) Forecasting monsoon weather, 2) Forecasting weather extreme (cyclones, depressions, storm surges, floods etc.), 3) Forecasting intraseasonal variability of monsoons, 4) Forecasting interannual variability of monsoons: 5) Applications of monsoons for societal benefit, 6) Future monitoring of the monsoon and process studies. There will be two keynote speakers for each session chosen by the committee and supplemented by contributed papers. Each session will be highlighted by substantial discussion that will form the basis for a technical report. For further information contact: G. J. Holland (e-mail: gjhol@msn.com.au), P. J. Webster (e-mail: pjw@oz.colorado.edu). (1/01)

The Oceanography Society's (TOS) Biennial Scientific Meeting 2–5 April 2001, Miami Beach, Florida

The Biennial Scientific Meeting of the Oceanography Society will be held 2–5 April 2001, at the Miami Beach Convention Center in Miami Beach, Florida. This program will span a broad range of topics in oceanography and the day-by-day session themes will allow a focus on interdisciplinary topics and research enabled through advanced technology.

The themes are 1) Air-Sea Interactions, 2) The Water Column, and 3) The Seafloor. The meeting format will include plenary sessions of invited and contributed talks on the daily session themes and contributed posters focusing on, but not limited to, the session topics.

This meeting will be particularly special, as it will be held in conjunction with the Oceanology International Americas 2001 Conference and Exhibition. This larger meeting format is well known for its wealth of exhibits related to ocean science and technology. For further information refer to the TOS Web site at <http://www.tos.org>. (2/01)

Announcement

The WCRP/SCOR Workshop on Intercomparison and Validation of Ocean-Atmosphere Flux Fields, 21–25 May 2001 Washington DC

The WCRP/SCOR Workshop on Intercomparison and Validation of Ocean-Atmosphere Flux Fields, to be held in Washington DC the week of 21–25 May 2001, is the second meeting encouraging interaction and dialogue between the diverse scientific communities involved in producing and using air-sea fluxes.

Following the landmark First WCRP Workshop on Air-Sea Flux Fields for Forcing Ocean Models and Validating GCMs held at ECMWF, Reading, in October 1995, a joint WCRP/SCOR Working Group on Air-Sea Fluxes was set up to continue to foster interdisciplinary consultations in this area, and to catalogue and keep under review available surface flux and flux-related data sets. The Final Report of the Working Group is a substantial document assessing the present state of the art in regard to air sea flux determination ("Intercomparison and Validation of Ocean-Atmosphere Energy Fluxes" shortly to be published in the WCRP report series). The report can be accessed at http://www.soc.soton.ac.uk/JRD/MET/WGASF/get_report.html.

Goals of the Workshop are the following:

- * Bring together the different scientific communities interested in air-sea fluxes and working on their development and application through modelling, remote sensing and in-situ measurements;
- * stimulate discussion by a wide spectrum of the research community on the issues raised in the WGASF report, consider group recommendations and discuss priorities for future activities in the areas identified as significant knowledge gaps;
- * consider the need for any continuing internationally coordinated initiative in air-sea flux studies.

A focus of the Workshop will be to summarize recent developments of in-situ, remotely sensed and model output fields for flux and flux related parameters. Particular attention will be devoted to assessing the uncertainties inherent in the various fields. Although primarily concerned with global-scale flux climatologies, emphasis will also be given to the development of flux parameterizations, and to field experiments and other high quality in-situ flux data, designed to refine those parameterizations. Contributions dealing with global and basin-scale energy balances, and the variability of ocean-atmosphere fluxes will also be welcome.

The workshop is intended to promote feedback and encourage dialogue between the producers and users of surface flux and related data. Following an introductory presentation of the WGASF report, sessions will address the key topics using a combination of invited, oral and poster papers. Break-out groups will be tasked with considering an effective and balanced strategy for making further progress in the study and utilization of ocean-atmosphere fluxes.

The deadline for abstracts is **15 January 2001**. For further information about the Workshop refer to the following Web sites <http://www.soc.soton.ac.uk/JRD/MET/WGASF> or <http://www.sail.msk.ru/workshop>. (3/01)

Announcement

GOES Users Conference, 22–25 May 2001, Boulder, Colorado

The GOES Users Conference will be held from 22–25 May 2001 in Boulder, Colorado at the NIST Auditorium.

The goals of the conference are to: 1) Inform users of future capabilities and potential applications; 2) Determine user needs for new products, distribution of GOES data, data archiving and access to stored data, instruments of opportunity, access to sample data prior to launch of next series, future training; 3) Assess user and societal benefits of future systems; and 4) Develop methods to improve communication between NESDIS and the GOES user community.

For further information contact the Program Chairperson: James Gurka of NOAA/NESDIS (e-mail: jgurka@nesdis.noaa.gov). (3/01)

Call for Papers

35th Congress of the Canadian Meteorological and Oceanographic Society 27 May–1 June 2001, Winnipeg, Manitoba, Canada

The 35th Congress of the Canadian Meteorological and Oceanographic Society (CMOS) will be held from 27 May–1 June 2001, at the Sheraton Hotel in Winnipeg, Manitoba, Canada. The theme of 35th CMOS Congress is Extreme Weather.

Papers are being solicited on all aspects of extreme weather events found globally such as severe thunderstorms, tornadoes, tropical cyclones, flooding, droughts, blizzards, etc. Particular emphasis should be placed on forecasting, impacts, warning and emergency preparedness, remote sensing, numerical, atmosphere–ocean interactions, and climate modelling and variability, as they relate to extreme weather. We welcome all presentations relating to this topic and additional related topics, which can tie into the overall theme. A preprint volume is being planned which will contain all accepted abstracts. The final date for abstract submission is 28 February 2001. Contributing authors are encouraged to submit as early as possible for this major international conference.

Contact Jay Anderson, Prairie Storm Prediction Centre, Suite 150 123 Main Street, Winnipeg, MB, Canada R3C 4W2; (tel: 204-984-7923; fax: 204-984-0109; e-mail: Jay.Anderson@ec.gc.ca). (11/00)

ITS American 11th Annual Meeting, 4–7 June 2001, Miami Beach, Florida

The ITS American is holding its 11th Annual Meeting in Miami Beach, Florida the week of 4–7 June 2001.

For further information refer to Web site [http://www.itsa.org/ITS2000.nsf/Files/2001CallForPapers/\\$file/2001CallForPapers.pdf](http://www.itsa.org/ITS2000.nsf/Files/2001CallForPapers/$file/2001CallForPapers.pdf). (11/00)

Call for Papers

Seventh Topical Meeting on Meteorological Optics, 5–8 June 2001, Boulder, Colorado

The Seventh Topical Meeting on Meteorological Optics will be held 5–8 June 2001 at the National Center for Atmospheric Research in Boulder, Colorado. The meeting covers original research on natural optical effects, mostly in the atmosphere, that can be seen or photographed.

Papers are invited in the following areas: rainbows, ice crystal halos, glories, coronas and iridescence, sky color, refraction effects, contrast phenomena, and optics of lightning phenomena and auroras. Invited presentations on special topics include optics of lightning phenomena, auroras, minerals and gems, and aspects of biological luminescence and iridescence. One evening will consist of public lectures and demonstrations.

Short abstracts (150 words or less) are due by 1 February 2001. You will be informed of your

acceptance by 1 March 2001. Two-page camera ready preprints are due 15 April 2001. Abstracts and preprints should be sent to Stanley David Gedzelman, Department of Earth and Atmospheric Sciences, City College of New York, New York, NY 10031, tel: 212 650 6470; fax: 212 650 6482; e-mail: stan@scisun.sci.ccny.cuny.edu. (1/01)

Call for Papers

Canada Wave Phenomena III: Waves in Fluids from the Microscopic to the Planetary Scale, 11–15 June 2001, Edmonton, Alberta, Canada

The Pacific Institute for the Mathematical Sciences, the Applied Mathematics Institute and the University of Alberta are pleased to announce that "Wave Phenomena III" will be held 11–15 June 2001 on the campus of the University of Alberta in Edmonton, Canada. This conference follows the highly successful "Wave Phenomena" and "Wave Phenomena II" meetings held in 1983 and 1992, respectively.

The wave concept is one that unifies many areas of science, and the underpinning mathematical theory of waves therefore finds an enormous spectrum of cross-disciplinary applications. Waves III will focus upon wave phenomena in such diverse disciplines as geophysics, oceanography, meteorology, astrophysics, physiology, and biology. This meeting will be held immediately after the 3rd Annual PIMS Fluid Dynamics Summer School (also to be held at the University of Alberta) in order that the next generation of scientists may benefit from the expertise that will be reflected in this gathering. Waves III Conference information, including a complete list of the 25 confirmed plenary speakers, can be found on the conference Web site at <http://waves3.math.ualberta.ca/>.

The language of the conference is in English. Participants wishing to contribute a paper should submit the following on a single letter-sized page: 1) Authors (speaker's name underlined in the case of multiple authors); 2) Affiliation and Address information (phone and fax numbers, complete mailing address, e-mail); 3) Title of the paper to be presented; 4) Abstract of up to approximately 150 words.

Abstracts may be submitted via the conference Web site or by post to Waves III Conference, Mathematical Sciences, University of Alberta, Edmonton, AB T6G 2G1 Canada. The deadline for the submission of an abstract is **31 January 2001**.

For information not posted on at the conference Web site, you may send inquiries to the above address or by fax (780-492-6826), phone (780-492-5141), or e-mail (waves3@math.ualberta.ca).

Earth System Processes Conference, 24–28 June 2001 Edinburgh, United Kingdom

A joint meeting of the Geological Society of America and the Geological Society of London GSA and GSL, two of the oldest and largest organizations of earth scientists, are combining their resources to co-convene a broad, interdisciplinary meeting to discuss the present state of knowledge of Earth System Processes. For further details see the web page at www.geosociety.org/meetings/edinburgh. Contacts: Ian Dalziel and Ian Fairchild (scientific content); Helen Wilson and Michael Stevens (administration / printed copies of second circular). (2/01)

Call for Papers

International Symposium on Climate, the Environment and Societies in the New Millennium, 25–30 June 2001, Jerusalem, Israel

The International Symposium on Climate, the Environment and Societies in the New Millennium, sponsored by the International Geographical Union, Commission on Climatology and organized

by the Israel committee, will be held 25–30 June 2001, Jerusalem, Israel.

The preliminary program consists of five major topics: 1) Climate variability and climate change on various geographical scales; 2) Synoptic climatology and climate forecasting, including extreme events; 3) Climatology and data base construction, including time series; 4) Applied climatology, including air pollution climatology; and 5) Past, present, and in particular, future trends in climatology.

Papers are solicited in any of the above topics. Special sessions devoted to methodologies of analysis, modern climate services and their applications, remote sensing, GIS and future trends in climatology, may be arranged.

The deadline for submission of abstracts has passed. Camera-ready manuscripts of one page should be sent to E. H. Stinberger, Atmospheric Sciences Department, The Hebrew University, Jerusalem 91904, Israel (e-mail: HAVA@VMS.HUJI.AC.IL). Authors of accepted papers will be notified by February 2001. For further information contact J. Lomas, Israel Meteorological Society, P.O. Box 25 Bet-Dagan 50250, Israel (e-mail: agromet@ims.gov.il). (9/00)

Announcement

Eighth Assembly of the International Association for Meteorology and Atmospheric Sciences (IAMAS 2001), 10–18 July 2001, Innsbruck, Austria

The IAMAS Assembly in Innsbruck is structured around 11 themes, which are at the core of the IAMAS Sciences and the work of its 10 Commissions. The multitude of aspects to be discussed in the open scientific meetings is staggering and underlines the basic role the atmospheric sciences play in everyday life and in the planning for the future

The themes are: 1) Climate and Climate Change, ICCL; 2) Climate Variability 3) Land -surface Interactions 4) Atmospheric Radiation 5) Clouds and Precipitation 6) Weather Systems 7) Atmospheric Chemistry 8) Middle Atmosphere (Stratosphere) Dynamics 9) Middle Atmosphere (Stratosphere) Chemistry, 10) Planetary Atmospheres and their Evolution; and 11) Observing Systems and Data Assimilation.

The Program of the Innsbruck Assembly is augmented by two special Symposia. In the first the members of the Working Group I of the Intergovernmental Panel for Climate Change, IPCC, will report on the results leading to the Third Assessment Report. This will give IAMAS a first glimpse of the up-to-date scientific status of Climate Change.

The second happening is a joint venture between IAMAS and the International Association of Hydrology, IAHS. It highlights one of the basic measuring issues in Meteorology: the assessment of rainfall from convective cloud systems. Note that snow has been left out deliberately because it is even more complex.

The scientific reporting will be complemented by four Presidential Lectures by leaders in the field. During five noon hours (bring your own lunch) younger scientists will be given the opportunity to "reach for the ring". There will also be a special poster session for presentations not fitting too well into the structured program, but papers that should not be missed.

For further details contact, Professor Michael Kuhn, Institute of Meteorology and Geophysics, University of Innsbruck, Innrain 52, A-6020 Innsbruck, Austria, iamas@uibk.ac.at and <http://meteo.uibk.ac.at>. (3/01)

Coastal Zone 01 (CZ01) Conference, 15–19 July 2001, Cleveland, Ohio

Musical themes and the topics of concern to the coastal and ocean management community will come together at the Coastal Zone 01 (CZ01) Conference in Cleveland, Ohio, a Great Lakes coastal city and the home of the Rock and Roll Hall of Fame. This 12th biennial international symposium on coastal and ocean management will take place 15 through 19 July 2001 at The

Cleveland Convention Center.

CZ01 will feature important lessons learned by coastal managers around the world and models of successful partnerships, such as that established in the Great Lakes, where two sovereign nations jointly manage water and living resources of this great "inland sea." Cleveland offers an outstanding opportunity to examine how local and regional issues are connected to worldwide influences of culture and commerce, climate and biology.

Conference themes include Taking Care of Business, Sustainable Coastal Communities, Maritime Transportation and Commerce, People and the Coast; and Energy and the Environment.

The deadline for abstracts has passed. For more information refer to the conference Web site at www.csc.noaa.gov/CZ2001. (10/00)

Second International Conference on Fog and Fog Collection 15–20 July 2001, St. John's, Newfoundland, Canada

The Second International Conference on Fog and Fog Collection will be held at the Hotel Newfoundland, in St. John's, Newfoundland, Canada, 15–20 July 2001.

The conference will focus on the physics, chemistry, meteorology, forecasting, and remote sensing of fog; fog deposition and the interaction of fog with vegetation; dew research; fog collection projects in developing countries; and the negative effects of fog on commercial offshore activities. Conference sponsors include Canadian International Development Agency, Canadian Meteorological and Oceanographic Society, Environment Canada, International Development Research Centre, and the World Meteorological Organization.

A complete list of session topics as well as a list of sponsors and agencies endorsing the conference can be found on the Web at <http://www.tor.ec.gc.ca/fog-conference/>. The conference will also include special sessions on the negative impacts of fog on offshore activities (aviation, shipping, remote sensing, etc.) in the oceans of the world.

Extended abstracts for publication in the conference proceedings are due 1 March 2001 and should be sent to Professor Hans Puxbaum, Technical University of Vienna, Institute of Analytical Chemistry, Getreidemarkt 9-151, Vienna A-1060, Austria (e-mail: hpuxbaum@mail.zserv.tuwien.ac.at). Please see the Web site address given above for answers to most queries. You may also write to Robert Schemenauer (Conference Chair) at the Conference on Fog and Fog Collection, P.O. Box 81541, 1057 Steeles Avenue West, Toronto, ON M2R 2X1, Canada (fax: 416-739-4211; e-mail: robert.schemenauer@ec.gc.ca). (3/00; r5/00; r12/00)

Call for Papers

First International Conference on Global Warming and The Next Ice Age, 19–24 August 2001, Halifax, Nova Scotia, Canada

The International Conference on Global Warming and The Next Ice Age, cosponsored by the Atmospheric Science Program at Dalhousie University, the Canadian Meteorological and Oceanographic Society and the American Meteorological Society will be held 19–24 August 2001 at Dalhousie University in Halifax, Nova Scotia, Canada.

The subject areas to be addressed at the Conference on Global Warming and The Next Ice Age include natural and anthropogenic climate change and variability, effect of variations in the solar constant, climate change in the Arctic, paleoclimate data analysis and model results, estimates and predictions of the next glacial period, interpretation of the observational record and comparison of model predictions of climate change with observations. The program will consist of invited and contributed oral and poster presentations with ample time reserved for discussions. One of the objectives of this conference is to provide a forum for an unfettered and lively discussion of the issues, controversial and otherwise, associated with the science of climate change.

Intention to attend and/or present a paper must be e-mailed by 28 February 2001. Deadline for submission of short (up to a half page) abstracts is **1 April 2001**. The authors of accepted abstracts would be asked to provide an extended abstract of up to four pages by **15 May 2001**. A volume of reviewed extended abstracts will be published by the time of the conference.

A limited number of grants to cover a part of travel expenses for graduate students and scientists from developing countries, who otherwise would not be able to attend, will be available. Intention to attend and short abstracts should be submitted by email to Petr.Chylek@noaa.gov with a copy to Glen.Lesins@Dal.Ca.

Further information concerning the conference location, registration procedures, accommodations, etc. can be found by following the link at Web site www.atm.dal.ca. (12/00)

Call for Papers

International Workshop on Physical Modeling of Flow and Dispersion Phenomena, 3–5 September 2001, Hamburg University, Hamburg, Germany

A workshop will be held 3–5 September 2001 at Hamburg University in Hamburg Germany to explore and to discuss the latest achievements in physical modeling of flow and dispersion phenomena. It is intended to provide a forum for discussion of research results, information exchange and establishment/reactivation of personal contacts between wind tunnel or water flume laboratories around the world. The program will include presentations, discussions, and a poster session.

The workshop is intended to focus on physical modeling of environmental flow and dispersion phenomena. The subject of contributions may cover current topics like improvement or validation of boundary-layer modeling techniques, new measurement techniques and their application to the investigation of flow and dispersion phenomena, basic investigations of the structure of flow and dispersion phenomena in turbulent boundary layers, generation of validation data for numerical flow and dispersion models, and application of physical modeling techniques (urban type flow and dispersion problems, odor dispersion, pedestrian wind comfort, ventilation of built-up areas, biogenic emissions, accidental releases, modeling of topographic effects, etc.)

Abstracts must be submitted by **15 February 2001**, preferably via e-mail. For further information, refer to the workshop web site www.mi.uni-hamburg.de/physmod2001. Authors will be informed on acceptance of their contributions by the end of March 2001. Full papers (about 8–10 pages) are due **1 June 2001**. Accepted papers and posters will be published in an online preprint volume and, subject to acceptable reviews, published in a special edition of a major international journal.

For information not posted on the web site, contact Sabine Bartols, Meteorological Institute, University of Hamburg, Bundesstrasse 55, D–20146 Hamburg, Germany (tel: +49 40 42838 5452; e-mail: physmod2001@dkrz.de). (2/01)

Ninth International Conference on Modelling, Monitoring and Management of Air Pollution, 12–14 September 2001, Ancona, Italy

The Ninth International Conference on Modelling, Monitoring and Management of Air Pollution, organized by Wessex Institute of Technology, will be held 12–14 September 2001 in Ancona, Italy.

Air Pollution 2001 is the ninth international conference in the series on the Modelling, Monitoring and Management of Air Pollution. The meeting will emphasize the development of experimental and computational techniques, which can be used as a tool for the solution and understanding of practical air pollution problems, from which it is possible to evaluate proposed emission control techniques and strategies.

The goal of this conference is to bring together researchers and their recent results relating to the study of air contaminants. It is hoped that information from this conference will increase public awareness of air pollution issues and lay the groundwork for further research on the subject.

The deadline for abstracts has passed. Topics to be covered include: Aerosols and Particles, Air Pollution Modelling, Air Quality Management, Process Studies, Chemical Transformation Modelling, Chemistry of Air Pollution, Comparison of Modelling with Experiments, Damage to Historic Monuments, Data Analysis and Observation, Emission Inventories, Fluid Mechanics for Environmental Problems, Global Studies, Health Problems, Indoor Pollution, Monitoring and Laboratory Studies, Pollution Engineering, Pollution Management, Regulatory Bodies, Turbulence Modelling at Small and Mesoscales, Urban Air Pollution, and Urban and Suburban Transport Emissions.

For further information contact the Conference Secretariat, Gabriella Cossutta, Air Pollution 2001, Wessex Institute of Technology, Ashurst Lodge, Ashurst, Southampton, SO40 7AA (tel: 44 0 238 029 3223; e-mail: slwalsh@wessex.ac.uk). (12/00)

Call for Papers

10th International Symposium on "Transport and Air Pollution," 17-19 September 2001, Boulder, Colorado

Following nine previous conferences held since 1986 in Avignon, France, and Graz, Austria, this 10th symposium would be held in Boulder, Colorado. The symposium is aimed at assessing scientific knowledge in the field of air pollution due to emissions from transportation systems. All transport modes will be considered (road, rail, air and sea), as well as the effects of air pollution on the environment (health effects, dispersion, acid rain, greenhouse effect, etc.). The 10th symposium will consider all these aspects, but will focus particular attention on issues relating to transport emissions, atmospheric transport and diffusion, air chemistry, and integrated air quality modeling. All modes of investigation and analysis will be covered: theoretical, empirical, numerical modeling, and chamber and ambient measurements. The National Center for Atmospheric Research (NCAR), the French National Institute for Transport and Safety Research (INRETS), and the Graz Technical University, Austria, jointly organize the symposium.

Prospective authors should send their abstracts to the symposium organizers in Boulder, Colorado, for receipt not later than **25 January 2001**. The abstract should not exceed three pages (up to 1000 words), and preferably should include a figure or table illustrating results. The abstract should include authors' names, addresses and affiliations, as well as a list of three to five key words. The body of the abstract should include the following three sections: statement of objectives; method of approach; and results and conclusions. Abstracts should be sent to the symposium General Chairperson, Walt Dabberdt in care of the symposium directorate at the following address: Sandra Petrie, TAP-2001, NCAR, P.O. Box 3000, 1850 Table Mesa Drive, Boulder, CO 80307-3000 or electronically to sjp@ucar.edu. Symposium and abstract information can be found at the symposium Web site: <http://www.ncar.ucar.edu/TAP/TAP2001.html>.

14th Australia New Zealand Climate Forum, 18-21 September 2001, Darwin, Australia

The 14th Australia-New Zealand Climate Forum will be held for the first time in Darwin, Australia between 18-21 September 2001 (at the Darwin Entertainment Centre). The latest research and applications of climate science in Australia and New Zealand will be presented at the conference.

The main focus of the forum will be tropical climate, which includes, apart from monitoring and prediction, the research and impacts of climate on such things as habitat, rainforests, building and

construction, trade and weather related natural hazards. The forum will be a good platform to discuss various management, education and partnerships issues with a common theme of weather and climate.

For registration and general information please contact our Web page at <http://www.bom.gov.au/announcements/>. (1/01)

Fourth International SRNWP Workshop on Nonhydrostatic Modelling, 24–26 September 2001, Bad Orb, Germany

The Fourth International SRNWP Workshop on Nonhydrostatic Modelling will be held from 24 to 26 September 2001 in Bad Orb, Germany. The aim of the workshop is to provide a forum of information concerning all questions related to fine-scale modelling. The special topic of the workshop is "Numerical techniques for non-hydrostatic modelling." The deadline for abstracts is **1 July 2001**. Authors will be notified of their acceptance by 1 August 2001. For more information contact J. Steppeler, Deutscher Wetterdienst, Frankfurter Str. 135, 63067 Offenbach, Germany (e-mail: Juergen.Steppeler@dwd.de). (10/00; r2/01)

Fifth European Conference on Applications of Meteorology (ECAM 2001) in conjunction with the First Annual Meeting of the European Meteorological Society (EMS) 24–28 September 2001, Budapest, Hungary

The Fifth European Conference on Applications of Meteorology (ECAM 2001) is being held in conjunction with the First Annual Meeting of the European Meteorological Society (EMS) from 24–28 September 2001 in Budapest Hungary.

Born in September 1999, the EMS has become an association of 24 Meteorological Societies and several major organizations from all over Europe. In order to meet its responsibilities and challenges, the EMS will hold its First Annual Meeting in conjunction with ECAM 2001 and focus on a lively exchange of ideas on the Future of Meteorology in Europe. An array of high-calibre lecturers from WMO, European Organizations, National Meteorological and Hydrological Services and private companies will present views on and overviews of the problem. Among the various aspects covered will be the scientific, technical, industrial, economical and social sides of meteorology and their implications.

The conference programme will include invited speakers on the following topics: 1) The demands to meteorology: safety of life and property, quality of life, optimization of economic activities, climate change; 2) The tools of meteorology: general views of the evolution of systems of observing, communicating, computing, forecasting, dissemination of information and products; and 3) The structures of meteorology: the European Meteorological Organizations, cooperation/coordination of National Meteorological Services, role of all actors public and private, relation between public and private entities, pricing of basic information.

The deadline for abstracts was **1 January 2001**. The deadline for extended abstracts is **1 May 2001**. For further information contact: Hungarian Meteorological Service, P.O. Box 38, H-1024 Budapest, Hungary (Tel: +361346-4615/4664; fax: + 36 1 346-4665; e-mail: intrel@met.hu; Web: <http://www.diamond-congress.hu/ecam>) (3/01)

Call for Papers

International Conference on Mesoscale Meteorology and Typhoon in East Asia, 26–28 September 2001, Taipei, Taiwan

The International Conference on Mesoscale Meteorology and Typhoon in East Asia, sponsored by the National Science Council, Central Weather Bureau, and National Taiwan University, will be held 26–28 September 2001, at the International Conference Hall, Central Weather Bureau,

located in downtown Taipei, Taiwan. This meeting is cosponsored by the Meteorological Society of ROC. The American Meteorological Society is a cooperating organization.

Papers on all research topics related to mesoscale meteorology and typhoon are welcomed including papers on: 1) mesoscale dynamics and modeling, 2) mesoscale processes related to heavy rains, 3) mesoscale convective systems in the midlatitudes and tropics, 4) topographic effects and mountainous heavy rain processes, and 5) typhoons at landfall. The conference will have a special session on the scientific results related to monsoon convection from the *South China Sea Monsoon Experiment (SCSMEX)*. There will be poster papers and oral presentations. Proceedings will be available during the meeting.

For further information contact the Program Committee Cochairpersons, Dave Jorgensen, NOAA/NSSL, mail code: N/C/MRD, 325 Broadway, Boulder, Colorado 80305-3328 (tel: 303-497-6246; fax: 303-497-6930; e-mail: davej@ncar.ucar.edu) and Ben Jong-Dao Jou, 61, Lane 144, Sec. 4, Kee-Long Road, Department of Atmospheric Sciences, National Taiwan University, Taipei, Taiwan (tel: 8862-2362-8962; fax: 8862-2363-3642; e-mail: jou@hp735.as.ntu.edu.tw). (1/01)

Call for Papers

26th Annual Climate Diagnostics and Prediction Workshop, 22–26 October, 2001, La Jolla, California

The 26th Climate Diagnostics and Prediction Workshop will be held 22–26 October, 2001 at the Scripps Institution of Oceanography of La Jolla, California, which is co-sponsoring the workshop with the Climate Prediction Center of the National Centers for Environmental Prediction in Camp Springs, Maryland. The American Meteorological Society is a cooperating organization.

The workshop will provide an opportunity to exchange information, ideas and opinions on many topics, including: Review of the 2000–2001 climate; Assessment of climate predictions in 2000-2001; Precipitation forecasting in complicated terrain; Drought/water monitoring in the West Monsoons; Diagnosis and prediction of intraseasonal oscillations; Diagnosis and prediction of decadal variations; Global, regional and local ocean-land-atmosphere interactions

Presentations will be in both poster and oral form. Poster presentations are encouraged, since time constraints and a large number of papers necessarily limit the number of oral presentations we can accommodate. Please use e-mail to send your abstracts to cdwshop@ncep.noaa.gov. Include: Title, author(s), affiliation(s), a brief abstract, email address, phone number, facsimile number, poster/oral preference. The above information is due by **2 July 2001**. (3/01)

Call for Papers

International Workshop on Operational Marine Forecasting, 18–22 November 2001, Halifax, Nova Scotia, Canada

A workshop on Operational Marine Forecasting will be held from the 18–22 of November 2001, in Halifax, Nova Scotia, Canada. A preliminary program, registration, hotel and general information will be posted on the Atlantic Environment Canada Greenland Web site (<http://atl.ec.gc.ca>) by March of 2001.

The workshop will consist of oral and poster presentations and hands-on labs. Topics should be related to marine forecasting, and can also cover areas surrounding and supporting that activity, such as sources of, and working with marine data.

Papers and posters are solicited in the following areas: measuring the wind over marine areas, (including: remote sensing, instrumentation, rectification of reports); forecasting wind (including transitioning hurricane effects, coastal and lake winds); forecasting in data-void and data-sparse

areas; marine wind models; marine data; fog forecasting; wave forecasting (including: trapped fetch, seiche, storm surges, wave models); ice movement; and vessel icing.

Deadline for abstracts is **30 May 2001**. Abstracts are to be submitted electronically to peter.bowyer.ec.gc.ca. For information contact Peter Bowyer, Environment Canada, 16th floor, 45 Alderney Drive, Dartmouth, NS, B2Y 2N6 Canada (Tel: 902-426-9181; fax: 902-426-4873; e-mail: peter.bowyer.ec.gc.ca. (12/00; r2/01)

Call for Papers

Third International Symposium on Environmental Hydraulics with a Special Theme in Urban Fluid Dynamics, 5–8 December 2001, Tempe, Arizona

This is to invite you to attend the Third International Symposium on Environmental Hydraulics with a special Theme in Urban Fluid Dynamics (ISEH 2001) to be held in Tempe, Arizona, 5–8 December 2001. Tempe is in the greater Phoenix metropolitan area, known as the “Valley of the Sun.” The overall theme of the symposium is the application of basic research to address issues facing policy makers in the management of air and water re-sources. In addition to traditional environmental hydraulics topics, there will be sessions on the general theme of urban fluid mechanics, including water quality and atmospheric issues.

A keynote speaker will address the general topic of worldwide urban air and water problems. Several invited speakers will review the present state of knowledge in critical topic areas, and contributed papers will be presented in oral or poster sessions. Session topics to be covered during this symposium include environmental hydraulics and urban fluid dynamics. Several post-symposium trips to locations such as the Grand Canyon, Las Vegas, Hoover Dam, Sedona, the Navajo Indian Reservation, and Monument Valley will be available.

The deadline for submission of abstracts is **31 January 2001** and you should be notified of your acceptance by 15 March 2001. All papers will be published in the symposium proceedings on CD-ROM, with an accompanying abstract book. Camera-ready manuscripts are due **1 June 2001**.

The ISEH 2001 Web site at www.eas.asu.edu/iseh2001 will be used to convey the most current symposium information. Please refer to this site regularly. For additional information, contact the Symposium Chairperson, Don Boyer, MAE/EFD, P.O. Box 876106, Tempe, AZ 85287 (tel: 480-965-1382; fax: 480-965-1384; e-mail: don.boyer@asu.edu). (8/00)

Call for Papers

The World Weather Research Programme’s (WWRP) International Conference on Quantitative Precipitation Forecasting (QPF) 2–6 September 2002, University of Reading, United Kingdom

WMO’s World Weather Research Programme (WWRP) and the Royal Meteorological Society are cosponsoring the International Conference on Quantitative Precipitation Forecasting. The conference is being hosted by the University of Reading in the United Kingdom, from 2 to 6 September 2002.

The conference will cover a wide range of issues relating to QPF, from the measurement and forecasting of precipitation through to the application and benefits of quantitative information of precipitation fields and will conclude by identifying gaps in current knowledge with key future areas of work. Abstract submissions are welcome under the topic headings of: 1) Socio-economic impacts and environmental stresses of precipitation events; 2) Precipitation measurement, estimation and associated issues from observing systems; 3) Nowcasting, including deterministic, conceptual and probabilistic methods; 4) NWP-based forecasting methods, including precipitation

assimilation, resolution issues, post processing and ensemble methodologies; 5) Prediction techniques and predictability of extended range and seasonal forecasting; and 6) Applications of QPF and demonstration of potential benefits to a range user communities

The deadline for submission of Abstracts is **1 March 2002** and can be submitted on-line through the conference web page, where details of submission guidelines can also be found. Authors should identify their preference for Oral or Poster presentation and in which session they would prefer to be included. Abstracts will be published in a conference preprint volume.

Further information and details can be obtained from <http://www.royal-met-soc.org.uk/> or through contacting execsec@royal-met-soc.org.uk. (2/01)