**calendar of meetings**

<table>
<thead>
<tr>
<th>Year</th>
<th>Month</th>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1977</td>
<td>Jan.</td>
<td>17-20</td>
<td>+57th AMS Annual Meeting</td>
</tr>
<tr>
<td></td>
<td>Feb.</td>
<td>3-4</td>
<td>85th Meeting of the Eastern Snow Conference</td>
</tr>
<tr>
<td></td>
<td>Feb.</td>
<td>20-26</td>
<td>With AAAS Annual Meeting</td>
</tr>
<tr>
<td></td>
<td>Mar.</td>
<td>7-12</td>
<td>International Symposium on Monsoons</td>
</tr>
<tr>
<td></td>
<td>Apr.</td>
<td>4-6</td>
<td>+13th Conference on Agriculture and Forest Meteorology</td>
</tr>
<tr>
<td></td>
<td>Apr.</td>
<td>26-28</td>
<td>+Third Conference on Numerical Weather Prediction</td>
</tr>
<tr>
<td></td>
<td>May</td>
<td>23-25</td>
<td>Caribbean-Gulf International Hurricane Conference</td>
</tr>
<tr>
<td></td>
<td>May</td>
<td>30-June 3</td>
<td>With AGU Spring Annual Meeting</td>
</tr>
<tr>
<td></td>
<td>June</td>
<td>1-3</td>
<td>11th Congress of the Canadian Meteorological Society</td>
</tr>
<tr>
<td></td>
<td>June</td>
<td>6-9</td>
<td>+Eighth International Conference on Laser Atmospheric Studies</td>
</tr>
<tr>
<td></td>
<td>July</td>
<td>18-20</td>
<td>Summer Computer Simulation Conference</td>
</tr>
<tr>
<td></td>
<td>Aug.</td>
<td>1-6</td>
<td>ASTM Conference on Air Quality Meteorology and Atmospheric Ozone</td>
</tr>
<tr>
<td></td>
<td>Aug.</td>
<td>15-18</td>
<td>Joint Annual Meeting of the American Statistical Association and the Biometric Society</td>
</tr>
<tr>
<td></td>
<td>Aug.</td>
<td>22-Sept. 3</td>
<td>Third General Scientific Assembly of IAGA and Second Special Assembly of IAMAP</td>
</tr>
<tr>
<td></td>
<td>Sept.</td>
<td>7-14</td>
<td>International Symposium on Sulfur in the Atmosphere</td>
</tr>
<tr>
<td></td>
<td>Sept.</td>
<td>21-27</td>
<td>Ninth International Conference on Atmospheric Aerosols, Condensation, and Ice Nuclei</td>
</tr>
<tr>
<td></td>
<td>Oct.</td>
<td>10-13</td>
<td>+Sixth Conference on Inadvertent and Planned Weather Modification</td>
</tr>
<tr>
<td></td>
<td>Oct.</td>
<td>11-13</td>
<td>Chapman Conference on Oceanic Fronts</td>
</tr>
<tr>
<td></td>
<td>Oct.</td>
<td>18-21</td>
<td>+10th Conference on Severe Local Storms</td>
</tr>
<tr>
<td></td>
<td>Oct.</td>
<td>25-27</td>
<td>+Second Conference on Hydrometeorology</td>
</tr>
<tr>
<td></td>
<td>Oct.</td>
<td>31-Nov. 4</td>
<td>International Conference on Meteorology of Semi-Arid Zones</td>
</tr>
<tr>
<td></td>
<td>Nov.</td>
<td>6-11</td>
<td>Fourth Joint Conference on Sensing of Environmental Pollutants</td>
</tr>
<tr>
<td></td>
<td>Nov.</td>
<td>15-18</td>
<td>+Fifth Conference on Probability and Statistics in Atmospheric Sciences</td>
</tr>
<tr>
<td></td>
<td>Nov.</td>
<td>15-18</td>
<td>Joint Conference on Satellite Applications to Marine Operations</td>
</tr>
<tr>
<td></td>
<td>Nov.</td>
<td>28-Dec. 2</td>
<td>+Joint Conference on Applications on Air Pollution Meteorology</td>
</tr>
<tr>
<td></td>
<td>Dec.</td>
<td>5-9</td>
<td>With AGU Fall Annual Meeting</td>
</tr>
<tr>
<td></td>
<td>Dec.</td>
<td>13-16</td>
<td>+11th Technical Conference on Hurricanes and Tropical Meteorology</td>
</tr>
<tr>
<td></td>
<td>Jan.</td>
<td>30-Feb. 2</td>
<td>+58th AMS Annual Meeting</td>
</tr>
</tbody>
</table>

†Meetings administered by AMS. Other meetings AMS cosponsors or cooperates.
International Symposium on Monsoons, March 7–12, 1977, New Delhi, India

An International Symposium on the 'Monsoons' will be held at the Meteorological Office, the Observatory Campus, Lodi Rd., New Delhi, under the joint auspices of the India Meteorological Department, American Meteorological Society, Indian Meteorological Society, and Indian Institute of Tropical Meteorology, 7–12 March 1977.

The deadline for abstracts and receipt of full papers has passed. All inquiries should be directed to Dr. P. S. Pant, Director, Northern Hemisphere Analysis Centre, Secretary, Steering Committee, Meteorological Office, The Observatory Campus, Lodi Rd., New Delhi–110 005, India.

The program is published on page 97.

13th Conference on Agriculture and Forest Meteorology, April 4–6, 1977, W. Lafayette, Ind.

The 13th Conference on Agriculture and Forest Meteorology (AGMET), sponsored by the American Meteorological Society, will be held 4–6 April 1977 at the Purdue Memorial Center of Purdue University.

The deadline for titles and abstracts has passed. All inquiries should be directed to Dr. W. C. Burrows, Deere & Company Technical Center, 3300 River Dr., Moline, Ill. 61265 (tel: 309-792-5429). Authors will be notified later of the deadline for submission of extended abstracts to be included in the published booklet.

The program was published in the November Bulletin.


A National Conference on Numerical Weather Prediction, sponsored by the American Meteorological Society, will be held at the Ramada Inn (Central), Omaha, Nebr., 26–28 April 1977. The Omaha-Offutt Chapter will host the conference.

Papers were solicited on aspects of numerical analysis and prediction. Sessions devoted to subtopics will be organized in consonance with the subject matter of papers accepted for presentation.

The deadline for titles and abstracts has passed. All inquiries should be directed to the Program Chairman, Air Force Global Weather Central/PDA, Offutt AFB, Nebr.

The program is published on page 103.


The Caribbean-Gulf International Hurricane Conference, co-sponsored by the American Meteorological Society, will be held 23–25 May 1977 at the Biloxi-Hilton Resort Hotel in Biloxi, Miss.

Camille, the most devastating hurricane of the century, came ashore at Biloxi, Miss., in 1969. This international hurricane conference, the first of its kind, will feature presentations by noted hurricane specialists, including Dr. Neil Frank, Director of the National Hurricane Center.

For program details and further information, contact: Wade Guice, Chairman, Hurricane Conference, P.O. Box 68, Gulfport, Miss. 39501.

Call for Papers


The Spring Annual Meeting of the American Geophysical Union will be held 30 May–3 June 1977 at the Sheraton-Park Hotel in Washington, D.C.

Contributed papers are solicited in all areas of interest to AGU. The meteorology sessions may be of interest to AMS members. For more information, contact the American Geophysical Union, 1909 K St., N.W., Washington, D.C. 20006 (tel: 202-331-0370). Deadline for abstracts is 4 March 1977. For further details and instructions on how to submit abstracts, see recent issues of E©S.

11th Congress of the Canadian Meteorological Society, June 1–3, 1977, Winnipeg, Man., Canada

The 11th Annual Congress and Annual General Meeting of the Canadian Meteorological Society will be held at the Winnipeg Convention Centre, Winnipeg, Man., on 1–3 June 1977. The weather and climate of the plains areas of Canada and the United States will be explored in the Congress theme, "The Meteorology of the Great Plains." Sessions are also planned on physical meteorology, weather forecasting, micrometeorology, hydrometeorology, agricultural and forest meteorology, air pollution, and other topics according to the papers submitted.

The Oceanography Division of the CMS will be featuring the Canadian Arctic with additional sessions on limnology, estuaries and coastal processes, and offshore oceanography. Contributions related to these areas were invited from all branches of oceanography and limnology. Contributions from biological, chemical, and geological oceanographers and limnologists were particularly encouraged. Invited speakers will present overview papers at the start of each session.

The deadline for titles and abstracts has passed. For more information, contact Mr. A. H. Lamont at the address given below.

The Congress will use the modern facilities of the Winnipeg Convention Centre with accommodations in convenient hotels. Further information will appear in the CMS's journal Atmosphere or may be obtained from the Congress Coordinator, Mr. A. H. Lamont, Atmospheric Environment Service, Suite 600, 185 Carlton St., Winnipeg, Man., Canada R3C 5J1.

Call for Papers


The Eighth International Conference on Laser Atmospheric Studies sponsored by the American Meteorological Society will be held 6–9 June 1977 at Drexel University in Philadelphia, Pa. Those particular dates have been selected to
follow the 1977 Conference on Laser Engineering Applications (CLEA) of the Optical Society of America held the prior week in nearby Washington, D.C. This in turn is designed to foster foreign participation.

Contributed papers on the following subjects will be welcomed: 1) Novel laser radar (lidar) configurations; 2) Air pollution monitoring by lidar; 3) Atmospheric aerosol measurements by lidar; 4) Tropospheric applications of lidar; 5) Stratospheric (and higher) applications of lidar; 6) Absorption, Raman, and fluorescence spectroscopic applications of lidar; 7) Multiple scattering emphasizing atmospheric applications; and 8) Scattering from nonspherical particles.

A program committee will be in charge of paper selection. At the moment, this translates principally into the following action. If the meeting agenda appears to be getting too crowded, then second and third submissions from the same working group will be given a lower priority. In basic fairness, however, the deadline date will have greater weight and some form of post-deadline session will be had if necessary.

All abstracts as well as questions concerning the general conduct of the meeting are to be addressed to Prof. John Cooney, Dept. of Physics and Atmospheric Science, Drexel University, Philadelphia, Pa. 19104. The deadline for submission of abstracts is 15 March 1977, and an abstract of between 200 and 300 words is required.


The Summer Computer Simulation Conference will be held at the Hyatt Regency O’Hare Hotel, 18–20 July 1977, in Chicago, Ill. The conference is sponsored by AMS, ISA, SCS, and SHARE; affiliated societies are: AIAA, AGU, BMES, IAMCS Systems, and Man and Cybernetics Society of IEEE.

Under the conference theme of “Simulation—A National Resource,” the following groups and group chairmen are listed: 1) Simulation Methodology (A. Ben Clymer, Consultant); 2) HYBRID Systems (A. I. Rubin, EAI); 3) Chemical Sciences (P. W. Berthiaume, EAI); 4) Physical Sciences (I. Sugai, APL/Johns Hopkins Univ.); 5) Environmental Sciences (R. C. Huntsinger, Calif. State Univ., Chico); 6) Biological Systems (V. C. Rideout, Univ. of Wis.); 7) Managerial and Social Sciences (G. P. Wagner, Univ. of Tex.); 8) Simulation Credibility (S. Schlesinger, Aerospace Corp.); 9) Energy (R. I. Vachon, Auburn Univ.); 10) System Engineering (P. H. Messing, The MITRE Corp.); and 11) Simulation for Training (R. E. Flexman, Univ. of Ill.).

The deadline for summaries has passed. All inquiries should be directed to Program Chairman: Dr. O. J. Manci, Vought Corp., P.O. Box 5907, Dallas, Tex. 75222 (tel: 817-261-0231). Notification of acceptance will be sent by 1 February 1977. Complete manuscripts are due 1 April 1977. SCSC publishes bound conference proceedings.

ASTM Conference on Air Quality Meteorology and Atmospheric Ozone, August 1–6, 1977, Boulder, Colo.

The ASTM Conference on Air Quality Meteorology and Atmospheric Ozone will be held at the University of Colorado, 1–6 August 1977, in Boulder, Colo. It is cosponsored by AMS, APCA, EPA, IOI, NBS, NOAA, and NSF.

The conference is designed to acquaint engineers, chemists, and meteorologists who are working in the field of air quality with latest developments and concepts in meteorology and atmospheric ozone. The speakers are recognized authorities in their fields. A brochure containing the detailed program and a registration form will be available in April 1977.

The following sessions are scheduled: 1) Standardization in meteorology; 2) Meteorological instrumentation; 3) Data processing and storage; 4) Use of applied meteorology and climatology in air quality work; 5) Air quality modeling; 6) Overview of atmospheric ozone; 7) Formation and transport of ozone in the lower troposphere; 8) Ozone measurements in the free atmosphere; 9) Near-surface ozone measurements; 10) Health effects of ozone; and 11) Unsolved problems.

For further information, contact: Mr. Alvin L. Morris, Ambient Analysis, Inc., P.O. Box 4056, Boulder, Colo. 80306 (tel: 303-442-5305).


The Third General Scientific Assembly of the International Association of Geomagnetism and Aeronomy (IAGA) and the Second Special Assembly of the International Association of Meteorology and Atmospheric Physics (IAMAP) will be held 22 August–3 September 1977 at the University of Washington, Seattle, Wash. These assemblies are being organized jointly by the American Geophysical Union and the American Meteorological Society.

Living accommodations for participants will be according to individual preferences in attractive University of Washington residences, at very low rates, or in University district and downtown hotels.

The program will consist of a series of joint symposia, five frontier lectures, and individual symposia and scientific sessions of the associations. The titles of the symposia and names of convenors have been announced in a second circular with a call for papers. IAGA will hold, in addition to the special symposia, sessions on recent significant results with contributed papers, reporter review sessions with review papers, and possibly some tutorial lectures. The IAMAP commissions will be arranging sessions in their scientific areas.

The second circular, which includes details of the submission of abstracts, a provisional schedule of events, and the scientific program, was issued in September 1976. To receive this and further circulars and details, write to: American Geophysical Union, 1909 K St., N.W., Washington, D.C. 20006 (tel: 202-331-0370). The deadline for abstracts is 31 March 1977.

Call for Papers

International Symposium on Sulfur in the Atmosphere, September 7–14, 1977, Dubrovnik, Yugoslavia

The U.S. Environmental Protection Agency (EPA), Energy Research and Development Agency (ERDA), Electric Power Research Institute (EPRI), and American Meteorological So-
Call for Papers


The Ninth International Conference on Atmospheric Aerosols, Condensation, and Ice Nuclei will be held 21–27 September 1977 in Galway, Ireland. It is sponsored within IAMAP by ICCP and ICACGP, and cosponsored by INCGG, University College, and AMS.

The main topics of the conference will be: 1) Aerosol formation in the atmosphere; 2) The theory of nucleation and its investigation in the laboratory; 3) Advances in aerosol and nucleus measurement techniques; 4) Size distribution: Measurements and theories; 5) Nuclei and microphysical processes in real clouds; 6) Chemical composition of cloud-active aerosol particles; 7) Sources (including biological sources), sinks, and life cycles of both natural and anthropogenic atmospheric aerosols; 8) The importance of anthropogenic aerosols as global pollutants; and 9) Marine aerosols.

Further information and a second circular may be obtained by writing: The Secretary, National Organizing Committee, Ninth International Conference on Atmospheric Aerosols, Condensation, and Ice Nuclei, 1977, Dept. of Physics, University College, Galway, Ireland.

Call for Papers


The Sixth Conference on Inadvertent and Planned Weather Modification will be held 10–13 October 1977 at the Ramada Inn in Champaign, Ill. The conference is sponsored by the American Meteorological Society and cosponsored by the American Society of Civil Engineers and the Weather Modification Association. The Illinois State Water Survey is the local host and arranger.

This is the first national conference that addresses both inadvertent and planned modification. Major goals of the conference are: 1) to present the current status of weather modification, both in the research and operational fields; 2) to discern what key factors need to be resolved; and 3) to delve into the policy issues and communication needs for weather modification.

The first one or two days of the conference will focus on inadvertent weather modification, and the focus on the last two or three days will be on planned weather modification. At the mid-conference interface, topics will be treated that are common to both fields.

In the inadvertent field, papers are solicited that deal with: 1) effects of waste heat on the atmosphere; 2) urban-industrial effects on weather; 3) causation of accidental weather modification and related management and control strategies; 4) large-area land use changes and their effects on weather; and 5) the socio-economic and environmental impacts.

Papers for the planned weather modification sessions are solicited on all facets of weather modification including severe storm modification, rain and snow enhancement, warm fog suppression, and hurricane modification. Contributions are sought in certain key areas including: 1) the social, economic, institutional, legal, and environmental issues; 2) large-area cloud and precipitation modification; 3) downwind concerns; 4) design and evaluation of experimental and operational projects; 5) communication of information to the public and decision makers; 6) federal research policies and funding; and 7) operational projects.

A special session will be held to focus on the question, “What does weather modification need?” It will involve speakers selected from the various speciality areas of weather modification including policy, research, social, economic, and business sectors. Special sessions may be arranged for the large field experiments such as HIPLEX, NHRE, FACE, and METROMEX.

Every effort will be made to include for presentation all papers offered, although some may be selected for presentation by title only. Presentation times will be assigned (5–20 min) based on the quality, quantity, and topical nature of the papers offered. The availability of a conference preprint volume should aid in allowing short presentations and adequate discussions.

Titles, 200–400 word reviewer's abstracts, and shorter abstracts (100-word limit) for BULLETIN publication are to be submitted by 15 March 1977 to the Conference Chairman: Prof. Stanley A. Changnon, Jr., Head of Atmospheric Sciences Section, Illinois State Water Survey, Box 232, Urbana, Ill. 61801. Also please indicate how much time you believe you need to present only highlights of your paper.

A complete camera-ready manuscript, including diagrams,
must be received by 15 May 1977. Manuscripts must be either 2 or 4 pages in length, none over 4 pages. Page charges will be assessed to defray costs of printing. Instructions and special paper will be furnished for manuscripts.


A Chapman Conference on Oceanic Fronts sponsored by the American Geophysical Union and cosponsored by the Office of Naval Research and the American Meteorological Society will be held 11–13 October 1977 in New Orleans, La.

The conference will consist of invited and contributed talks, poster presentations, and panel discussions. The scope of admissible topics includes small-scale, synoptic-scale, and large-scale fronts; upper-layer, internal, shallow sea, and benthic fronts; atmospheric fronts especially analogies to oceanic fronts; frontal phenomena and effects (e.g., acoustic, biological, chemical, optical, air-sea interaction); and modeling observational techniques.

The deadline for preliminary abstracts and preregistration forms by both prospective participants and attendees has passed. Registration will be limited to 120.

For details concerning abstracts, final revised abstracts, publication charge, complete manuscripts, etc., please refer to September 1976 EoS, p. 641. Contact: American Geophysical Union, 1909 K St., N.W., Washington, D.C. 20006.

Call for Papers

10th Conference on Severe Local Storms, October 18–21, 1977, Omaha, Nebr.

The American Meteorological Society will hold its 10th Conference on Severe Local Storms at the Omaha Hilton Hotel, 18–21 October 1977, in Omaha, Nebr. The Omaha-Offutt Chapter of the AMS will host the conference. The meeting will provide the opportunity for members and guests to visit the meteorological facilities of the Air Weather Service's Global Weather Central and the new offices of the National Weather Service in Omaha.

Individual author presentation will be encouraged but limited to 8–10 min. This will allow more time for questions and discussion from the audience and session cochairs. Cochairs will be thoroughly familiar with the papers presented in their respective sessions. Some papers will be presented by title only. Preprints should encourage authors to be brief and to emphasize the more important points and recent developments in their work.

Papers are solicited on all aspects of severe local storms. The emphasis will be placed on the physical understanding and prediction of tornado-producing thunderstorms. Papers are also solicited for related topics such as severe thunderstorm and tornado climatology, nonthunderstorm-caused destructive local winds, and the application of radar and satellite interpretation in the forecasting of tornadoes and severe thunderstorms.

Titles, 200–400 word reviewer's abstracts, and shorter abstracts (100-word limit) for BULLETIN publication are to be submitted by 1 March 1977 to Mr. H. L. Ferguson, Program Chairman, Second Conference on Hydrometeorology, Atmospheric Environment Service, ARQH, 4905 Dufferin St., Downsview, Ont., Canada M3H 5T4.

Instructions for the preparation of papers for the preprinted proceedings will be furnished to those authors whose papers have been accepted. Final papers should be received no later than 1 July 1977.

Call for Papers

International Conference on Meteorology of Semi-Arid Zones, October 31–November 4, 1977,* Tel Aviv, Israel

The International Conference on the Meteorology of Semi-Arid Zones jointly sponsored by the Israel Meteorological Society (IMS) and the American Meteorological Society (AMS) will be held 31 October–4 November 1977 * in Israel.

The following symposia are planned for the conference: Dynamical Models—dynamical models of the desert atmosphere; albedo-circulation relationships; the desert boundary layer; 2) Climatic Change—climate modeling; future climate and variability in the light of past data; albedo-climate and...

* The meeting has been rescheduled to the original dates.
aerosol-climate relationships; desertification; 3) Meteorology and Water Resources—hydrometeorology; weather and climate modification and their relation to the water balance; dew harvesting; drought; 4) Agrometeorology—micrometeorology; modification of microclimate; climate and plant and animal production; crop forecasting; satellite assessment of crop production; prediction and control of meteorological hazards to agriculture; 5) Meteorology and Energy Resources—wind generation; solar energy for heating and cooling; effects of power plants on weather; and 6) General Topics—desert rainfall, distribution and prediction; forecasting models, synoptic climatology, and observational problems in semi-arid zones.

Papers are solicited under the topics mentioned above. IMS is planning a preprint volume of extended abstracts for the conference, so authors should be prepared to furnish manuscripts at a later date. Titles and abstracts must be received before 1 April 1977. Authors from North and South America should contact IMS/AMS Conference Committee, c/o American Meteorological Society, 45 Beacon St., Boston, Mass. 02108 U.S.A. Authors from all other locations should contact Prof. L. Berkofsky, Chairman, IMS/AMS Program Committee, c/o Institute for Desert Research, Ben Gurion University of the Negev, P.O. Box 653, Beersheva, Israel 84120.

Garber Travel of Boston in association with Kopel Tours will arrange for special group travel for United States conferences and families. The IMS and Kopel Tours are preparing a brochure on all information concerning the conference. Details will be announced later.

IMS Program Committee: Prof. L. Berkofsky, Chairman; Mr. M. Gilead, Mr. S. Jaffe, Mr. J. Lomas, Prof. J. Neumann, Prof. G. Ohring, and Mr. J. Shavit. AMS Program Committee: Dr. Zev Levin (NCAR), Chairman; Dr. David Atlas (NASA), Dr. Edward Epstein (NOAA), and Dr. Harry Moses (ERDA).

Call for Papers and Exhibits


The Fourth Joint Conference on Sensing of Environmental Pollutants will be held in New Orleans, La., 6–11 November 1977, at the New Orleans Hilton Hotel. The American Meteorological Society is a cosponsor along with ACS, AIAA, AICE, IEEE, ISA, DOT, EPA, ERDA, HUD, NASA, NOAA, and USGS.

Because of the importance of communication between those involved in the scientific, engineering, government, and social aspects of environmental problems, the technical sessions for the 1977 conference will feature information exchange on the interrelation of sensing methodologies and the definition and evaluation of the consequences of man’s interaction with his environment. The objective will be to create dialogs between those who set standards, those who perform measurements, and the scientists and engineers who arrive at concepts of measurement and design instruments.

The conference is directed toward representatives of all technical disciplines concerned with the measurement and evaluation of environmental quality and pollution.

In this context, original papers on sensing and assessment of pollutants are solicited, covering, but not limited to, the following areas: 1) Current and future problems in environ-

mental chemistry; 2) Urban and rural sensing and assessment techniques; 3) Local, regional, and global sensing and assessment; Specific assessment programs; 4) Energy development and utilization; 5) Sensing of nuclear pollution problems; 6) Transportation industry; 7) Standards and quality assurance in sensing of pollutants; 8) Data management; 9) Emerging problems and developing needs in environmental monitoring; 10) Interactions between climate and pollution, especially pollution and clouds; 11) Science, technology, government (perspectives for government managers); 12) Criteria for pollution alerts; 13) Critical and controversial subjects (e.g., ozone); 14) Sensing in the coastal zone; 15) Biomedical problems; 16) Standards from health effects; and 17) Biological monitoring.

Some of these or other topics are most aptly presented in panel discussions, and prospective participants should contact the program chairman.

Those interested in presenting papers (20–25 min) at the conference should submit: 1) a short abstract (100–200 words), in English, to be incorporated in the conference program, and 2) three copies of an extended abstract (400–500 words), in English, to be used by the Program Committee in selecting papers to be presented at the conference.

Short and extended abstracts should follow the same format. Authors must obtain the forms and instructions for the short abstracts by writing or telephoning: Mrs. Barbara R. Hodsdon, American Chemical Society, 1155 16th St., N.W., Washington, D.C. 20036 (tel: 202-872-4399). Abstracts not in this prescribed format will not be considered for acceptance. Abstracts must be received before 15 May 1977. The conference will include poster sessions for authors wishing to present specialized information, at the discretion of the Program Committee. Instructions for the preparation of presentations in the poster sessions may be obtained from Dr. Derr at the address listed below. Standard slide projectors (2 × 2 inches) will be provided. Other equipment is available on request.

Send abstract and inquiries to: Dr. V. E. Derr, Program Chairman, National Oceanic and Atmospheric Administration, ERL-WPI, R45.3, Boulder, Colo. 80302 (tel: 303-499-1000, ext. 6567; FTS 323-6567).

An exhibition of equipment related to pollution measurement is planned. Potential exhibitors should contact Mrs. Hodsdon at the above address.

Call for Papers


The American Meteorological Society’s Fifth Conference on Probability and Statistics in Atmospheric Sciences will be held in Las Vegas, Nev., 15–18 November 1977. The conference is being organized by the AMS’s Committee on Probability and Statistics.

The conference will stress recent developments in probability and statistics of importance to atmospheric scientists and innovative uses of probabilistic and statistical methodology in atmospheric science. Papers are solicited in the following areas: 1) statistical dynamics and stochastic dynamic processes; 2) statistical and probabilistic forecasting; 3) decision models and decision analysis; 4) time series and spectral analysis; 5) statistical applications in the analysis and assimilation of data into meteorological fields; and 6) statistical

Vol. 58, No. 1, January 1977
Call for Papers

Joint Conference on Applications on Air Pollution Meteorology, November 28–December 2, 1977, Salt Lake City, Utah

A Joint Conference on Applications on Air Pollution Meteorology sponsored by the American Meteorological Society and the Air Pollution Control Association will be held 28 November–2 December 1977 in Salt Lake City, Utah. The AMS Committees on Meteorological Aspects of Air Pollution and Atmospheric Turbulence and Diffusion and APCA’s Committee on TT-3 Meteorology will arrange for the program. The local hosts are the AMS Salt Lake City Chapter and APCA West Coast Section.

The general topic is Air Pollution Meteorology and papers are solicited on any areas concerning the application of meteorological understanding and/or diffusion modeling techniques to the investigation of atmospheric dispersion of pollutants. Specific topic areas of interest include: Long-range transport of pollutants; Diffusion in complex terrain; Supplementary control systems; Significant deterioration; Microscale diffusion; Chemical transformations; Model validation; and Energy development. Additionally, proposed papers will be considered for other topics of general interest within air pollution meteorology. Two abstracts are required for each proposed paper: 1) a reviewer’s abstract (200–400 words), and 2) a short abstract (less than 100 words) for the Bulletin and program. Papers will be accepted based upon the quality of the review abstract, which should describe the content of the proposed paper in reasonable detail. Priority will be given to abstracts reporting on completed work or based upon analysis of data in hand.

Titles and two abstracts must be submitted by 1 March 1977 and should be mailed to the Technical Chairman: Dr. Bruce A. Egan, Environmental Research & Technology, 606 Virginia Rd., Concord, Mass. 01742 (tel: 617-861-6400, ext. 219). Instructions and special paper will be furnished to each author of accepted abstracts. A complete camera-ready manuscript, including diagrams, must be received by 31 May 1977. Manuscripts must be either 2, 4, 6, but no longer than 8 pages in length. Page charges will be assessed to defray the cost of printing, and a preprint volume will be distributed to each U.S. participant and preregistrant well before the conference.

Call for Papers


The 11th Technical Conference on Hurricanes and Tropical Meteorology, sponsored by the American Meteorological Society, will be held in Miami, Fla., 13–16 December 1977.

The conference will focus on tropical cyclones, but papers on all phases of tropical meteorology will be considered. Topics of the technical sessions will be determined by the nature of the submitted papers.

Titles and reviewer’s abstracts of 200–400 words, together with short abstracts for publication in the Bulletin, should be sent to the Program Chairman before 2 June 1977. The Program Chairman is Dr. Joseph M. Peiissier, National Hurricane Center, P.O. Box 8286, Coral Gables, Fla. 33124.
Since there will be a bound volume of papers, a complete camera-ready manuscript must be received by 5 December 1977. An individual author may submit more than one paper for inclusion in the preprints, but only one presentation per author will be permitted at the conference. In such cases the author should indicate which of his papers he wishes to present, so that the conference program can be scheduled. Manuscripts must be either 2, 4, 6, or 8 pages long. Page charges will be assessed to defray printing costs. Instructions and special paper will be furnished for manuscripts. The deadlines have been extended to allow authors more time for field work and other important meetings taking place during the summer and fall. A bound volume of papers will be mailed to all registrants after the conference.

February 10–13, 1975
Washington, D.C.

THIRD SYMPOSIUM ON
METEOROLOGICAL OBSERVATIONS AND INSTRUMENTATION

The Preprint Volume contains 36 papers presented at the American Meteorological Society's Third Symposium on Meteorological Observations and Instrumentation held February 10–13, 1975 in Washington, D.C. The purpose of the Symposium was to examine the question "Where do we stand in providing data for the mesoscale forecast problem." The papers are grouped under the following topics:

Requirements For Data • Upper Air Observations • Surface Instrumentation • Network Operations • Indirect Sensing—Space Based • Indirect Sensing—Surface Based • Results of Field Experiments • Coastal Zone Observations

218 pages

Price $15 Members
$20 Nonmembers

Send orders and remittance to:

AMERICAN METEOROLOGICAL SOCIETY, 45 BEACON STREET, BOSTON, MASS. 02108