



Canadian Meteorological
and Oceanographic
Society

La Société Canadienne
de Météorologie et
d'Océanographie

C.M.O.S. NEWSLETTER / NOUVELLES S.C.M.O.

JULY/JUILLET 1985 VOL. 13 NO. 3

OUR NEW PRESIDENT

Dr. Stuart D. Smith

Born in Montreal, Dr. Smith received a B.Eng. in Engineering Physics from McGill University in 1962 and a Ph.D. in Physics and Oceanography from the University of British Columbia in 1966. Since his graduation, he has been a Research Scientist at the Bedford Institute of Oceanography, Dartmouth, N.S. (Department of Fisheries and Oceans), carrying out research primarily in the field of air-sea interaction, and thereby maintaining professional contacts with both oceanographers and meteorologists. Some highlights of his research career include studies of wind stress on Arctic pack ice during AIDJEX (Arctic Ice Dynamics Joint Experiment) in the Beaufort Sea and at several other sites, and a series of experiments at stable platforms in the Atlantic Ocean near Halifax to parameterize wind stress and heat exchange over the sea surface, particularly at high wind speeds. He is presently playing a leading role in HEXOS (Humidity Exchange over the Sea), a series of international experiments to parameterize the transfer of water from the sea to the air, and carrying out a series of observational and modelling studies of iceberg drift.

Dr. Smith has been an active member of CMOS, serving at various times as a member of the Scientific Committee, as Chairman of the Halifax Centre, as Programme Committee Co-Chairman for the 1984 Congress, and as CMOS Vice-President during the past year. He is married and has three children, and enjoys oil painting and motor cycling.

Notre nouveau président

Dr Stuart D. Smith

Natif de Montréal, Dr Smith obtenait un Bacc. en Génie Physique de l'Université McGill en 1962 et un Ph.D. en Physique et en Océanographie de l'Université de la Colombie Britannique en 1966. Depuis sa graduation Dr Smith a été attaché à l'Institut Océanographique de Bedford (ministère des Pêches et des océans) à Dartmouth, N.E., s'intéressant surtout à la recherche dans le domaine des interactions air-mer, et gardant ainsi un contact avec les océanographes et les météorologues. Des études de l'effort du vent sur la glace de pack dans la mer de Beaufort au cours d'AIDJEX (Arctic Ice Dynamics Joint Experiment) et à d'autres sites, ainsi qu'une série d'expériences à partir de plateformes stables dans l'océan atlantique près de Halifax afin de paramétriser l'effort du vent et l'échange thermique au-dessus de la surface de la mer, surtout à des hautes vitesses du vent, forment quelques un des points saillants de sa carrière. Présentement il joue un rôle important dans HEXOS (Humidity exchange over the sea), une série d'expériences internationales ayant pour but de paramétriser le transfert d'eau entre la mer et l'air, en plus de faire une série d'observations et de modèles de la dérive des icebergs.

Dr Smith a été un membre actif de la SCMO, ayant agité à plusieurs occasions comme membre du comité scientifique, comme président du centre d'Halifax, comme co-président du comité responsable du programme du congrès de 1984 et comme vice-président de la SCMO au cours de cette dernière année. Il est marié et père de trois enfants. Il s'intéresse à la peinture à l'huile et fait de la motocyclette.

HIGHLIGHTS FROM THE 19TH ANNUAL GENERAL MEETING

(MONTREAL, JUNE 12, 1985)

In addition to the work it normally carries out every year, such as hearing reports from Executive Committees, Editorial Boards, Centres/Chapters, Special Interest Groups, etc., the adoption of budgets and the installation of new officers, the 19th Annual General Meeting, under the chairmanship of the President, Dr. Neil Campbell, dealt with a number of important motions from the CMOS Council concerning the following subjects:

Review of the CMOS Constitution and By-Laws: The procedure agreed upon for this review is outlined elsewhere in this Newsletter.

Status of Special Interest Groups: The Meeting agreed to prolong the existing mandates of these Groups for another year. By then, permanent arrangements for these groups are expected to be included in the revised CMOS By-Laws. Members with specific interests in this question are invited to study the draft By-Laws given in this Newsletter and to comment thereon, as necessary.

Location of Congress 1987: The Meeting agreed to accept the invitation of the St. John's, Newfoundland, Centre and to hold the 1987 Congress in that location.



Membership and Subscription Fees for 1986: Increased costs and other factors forced the Council to propose increases in membership and subscription fees for 1986. After considerable discussion and several votes, the Meeting accepted the proposals of the Council, except for the proposed increase in subscription fees for Atmosphere-Ocean from \$20 to \$25, which the majority of members present thought as a threat to increased readership; the fee was therefore kept unchanged. The new fees are as follows:

Membership Fees	Current	1986
Regular	\$ 20.00	\$ 25.00
Student	\$ 12.00	\$ 20.00
Corporate and Sustaining	\$ 75.00	\$125.00

Atmosphere-Ocean

Members	\$ 20.00	\$ 20.00
Non-Members	\$ 20.00	\$ 30.00
Institutions	\$ 50.00	\$ 55.00

Climatological Bulletin

Members and Students	\$ 10.00	\$ 12.00
Non-Members	\$ 10.00	\$ 15.00
Institutions	\$ 10.00	\$ 15.00

Chinook

Members and Students	\$ 7.50	\$ 10.00
Non-Members	\$ 7.50	\$ 12.00
Institutions	\$ 7.50	\$ 15.00

- Notes:
1. Regular Membership includes Newsletter.
 2. Student Membership includes Newsletter and A-O.
 3. Corporate and Sustaining Members will receive all regular publications.

The members of the new Executive, which is centred in Halifax, Nova Scotia, and the members of the new Council are given elsewhere in this Newsletter. (Note that the permanent CMOS Office remains in Ottawa, as does the Executive Director.) The outgoing Executive was thanked by the Meeting for the dynamic and successful work it had carried out.

**SCIENTIFIC PROGRAM COMMITTEE REPORT
FOR THE 19TH ANNUAL CMOS CONGRESS**

A total of 145 presentations were included in the program for the 19th Annual CMOS Congress. Out of these, 10 were invited papers related to the theme "Modelling in Meteorology and Oceanography" and 5 were posters. The papers were grouped into 29 sessions, of which 2 were plenary sessions, 16 were meteorological and 11 were oceanographic. There were three concurrent sessions, except for the opening plenary theme session on the morning of June 12 and the "Space Shuttle Experiments and CASP Information" plenary session, which included a presentation by Paul Scully-Power, an astronaut and oceanographer, on the morning of June 13.

We were awarded an NSERC Conference Grant to cover the expenses for the invited speakers, and were able to invite distinguished individuals to speak at the plenary sessions and to highlight several other sessions.

Authors were encouraged to make copies of their presentations available for distribution. Advance copies of 16 presentations were received before the Congress, and a limited number of photocopies of these were available at the registration desk. Reprint request forms were also included in the registration package, and 23 of these were completed and returned by registrants.

This year for the first time a "camera-ready" format was used for the program and abstracts volume that was

published for the Congress. There were no major problems with the new format. The main reason for this change was to provide a speedier and less expensive production, which turned out to be the case. The volumes were available several days after the originals were delivered to the printer, and the mailing was done well in advance of the Congress. About a quarter of the abstracts were retyped in order to conform with the prescribed format, but this proportion will probably diminish as authors become more accustomed to the format. Preparation of the camera-ready program materials is a natural extension of the Scientific Program Committee duties, although it involves a significant amount of work. We thank Ed Truhlar, technical editor, and Carr McLeod, publications business manager, for their assistance.

**RAPPORT DU COMITE DU PROGRAMME SCIENTIFIQUE
DU 19e CONGRÈS ANNUEL DE LA SCMO**

Le programme du 19e Congrès Annuel de la SCMO comprenait 145 présentations. Parmi celles-ci, il y avait 10 communications par des conférenciers invités reliées au thème "La modélisation en météorologie et en océanographie" et 5 présentations par affichage. Les communications étaient regroupées en 29 sessions, dont 2 plénières, 16 météorologiques, et 11 océanographiques. Il y avait trois sessions simultanées excepté pour la session plénière d'ouverture le 12 juin au matin et la session plénière sur les "Expériences de la navette spatiale et informations CASP" incluant une présentation par Paul Scully-Power, astronaute et océanographe, le 13 juin au matin.

Une subvention pour conférence du CRSNG nous a permis de défrayer les dépenses des conférenciers invités et de recevoir des personnalités reconnues aux sessions plénières et à plusieurs autres sessions.

On recommandait aux auteurs de faire des copies de leur présentation pour distribuer aux intéressés. On a reçu des exemplaires de 16 présentations avant le Congrès. Un nombre limité de photocopies de ces présentations étaient disponibles au bureau d'inscription. Des formulaires pour demander des copies des communications ont été inclus dans la pochette d'inscription. 23 formulaires ont été complétés et retournés par des participants.

Contrairement aux années passées, nous avons utilisé un format "prêt à être photocopié" pour produire le volume du programme et résumés pour le congrès. Il n'y a eu aucun problème majeur avec ce nouveau format. La raison principale pour ce changement était de produire ce volume plus rapidement et à moindre coût, ce qui fut réalisé. Les volumes étaient disponibles quelques jours après la livraison des copies originales à l'imprimeur, ce qui a permis de les poster bien avant le Congrès. Environ le quart des résumés ont dû être redactylographiés pour les rendre conformes au format demandé, mais cette proportion diminuera probablement au fur et à mesure que les auteurs s'habitueront à ce nouveau format. Il appartiendrait normal que le comité du programme scientifique soit chargé de préparer les textes pour le programme sous la forme prêt à être photocopiée, même si cela accroît considérablement la tâche du comité. Nous voulons remercier Ed Truhlar, rédacteur technique, et Carr McLeod, responsable des publications, pour leur aide.

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REVIEW OF CMOS CONSTITUTION AND BY-LAWS

For the past two years, several committees and working groups, plus two Executives, have been working to redraft the Constitution and By-Laws of the Society. The major objective of this considerable effort was to bring our Constitution and By-Laws up to date and more in line with current practices and procedures. Another aim was to make

the document less bureaucratic, easier to read and more useful to the Society and its members.

A draft of the new Constitution and By-Laws developed by the Council of CMOS is given below. The 19th Annual General Assembly (Montreal, June 12, 1985) agreed to the following procedure with respect to the approval of this draft:

1. The draft will be published in this (July 1985) Newsletter in the English language, and members will be invited to comment on it within two months. It will be published in the French language in the following Newsletter, and members who wish to comment on that version may also do so within two months of its publication.
2. The CMOS Council will review the comments received and, on their basis, prepare a new draft, which will be disseminated to members in a Newsletter at least six weeks prior to the 20th Annual General Meeting (Regina, June 1986).
3. The 20th Annual General Meeting will be invited to approve the new text.

All members are therefore invited to mail to the CMOS Office, within two months of the mailing date of this Newsletter, any changes they propose to the following draft text.

NOTE: La version française de la nouvelle constitution apparaîtra dans le prochain numéro de Nouvelles S.C.M.O.

EDITORIAL POLICY

The CMOS NEWSLETTER is the principal medium by which Society members may exchange items of CMOS news and interest. It is a bi-monthly publication mailed to all members and, except for advertising revenue, is funded through Society membership fees. Articles are accepted in either official language, and responsibility for content rests with their respective authors. Although views expressed are not necessarily those of CMOS, the editorial staff shall endeavour to maintain a level of integrity deserving of the Society

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Editor: Paul-André Bolduc
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LA POLITIQUE EDITORIALE

Le BULLETIN DE NOUVELLES de la SCMO est la voie principale par laquelle ses membres peuvent échanger des articles d'information et d'intérêt. C'est une publication bimestrielle qui est expédiée à tous les membres et qui, sauf pour les revenus de la publicité, est financée par les frais d'adhésion. Les articles sont acceptés dans l'une ou l'autre des langues officielles et le contenu demeure la responsabilité de l'auteur. Même si les idées exprimées ne sont pas nécessairement celles de la SCMO, la rédaction tentera de maintenir un niveau d'intégrité digne de la société.

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DRAFT

C O N S T I T U T I O N

THE CANADIAN METEOROLOGICAL AND OCEANOGRAPHIC SOCIETY

ARTICLE 1 - Name and Seal

The name of the Society is the Canadian Meteorological and Oceanographic Society - La Société canadienne de météorologie et d'océanographie. Its corporate seal is the impression stamped at the head of this Constitution.

ARTICLE 2 - Aim

The Society exists for the advancement of meteorology and oceanography.

ARTICLE 3 - Membership

Membership is open to persons and organizations having an interest in meteorology or oceanography.

ARTICLE 4 - The Executive and Council

The Executive of the Society consists of the President, the Vice-President, the Treasurer, the Corresponding Secretary, the Recording Secretary, and the Executive Director and Publications Business Manager who are ex-officio and without voting privileges. The Council of the Society consists of the President, the Vice-President, the Treasurer, the Recording Secretary, the immediate Past President and the Chairmen of the Centres.

ARTICLE 5 - Changes to the Constitution or By-Laws

- a) A notice of motion for changes (enactments, repeals, or amendments) to the Constitution or By-Laws shall be delivered in writing over the signatures of at least five members to the Corresponding Secretary, or shall be proposed by Council. The proposed changes, together with the reasons therefore, shall be published in the Newsletter or mailed to all members.
- b) Members shall vote on the proposed changes either by mail ballot or at a general meeting as decided by Council. In the case of a vote at a general meeting, the changes shall be sent to members at least two months prior to the meeting. Mail ballots shall include a notice that only ballots received by the Corresponding Secretary before a specified counting date will be counted. The counting date shall be at least two months after the mailing of ballots.
- c) The adoption of a proposed change to the Constitution shall require the affirmative votes of at least two-thirds of all members voting.
- d) The adoption of a proposed change to the By-Laws shall require the affirmative votes of a simple majority of all members voting.
- e) Any such changes to the Constitution or By-laws shall not be enforced or acted upon until the approval of the Minister of Consumer and Corporate Affairs has been obtained.

ARTICLE 6 - Non-Profit Status

The Society does not have as its purpose financial gain for its members and any profits or other accretions to the organization shall be used in

promoting the advancement of meteorology and oceanography. In the event of the dissolution or winding up of the Society, all its remaining assets, after payment of liabilities, shall be distributed to one or more organizations in Canada having cognate or similar interests.

B Y - L A W S

THE CANADIAN METEOROLOGICAL AND OCEANOGRAPHIC SOCIETY

BY-LAW 1 - Membership

- a) In accordance with Article 3 of the Constitution, the membership of the Society consists of:
 - Regular Members
 - Corporate Members
 - Student Members
 - Life Members
- b) Regular membership is open to individuals.
- c) Corporate membership is open to companies and other organizations. Each Corporate Member will be entitled to receive all publications of the Society. Each Corporate Member shall nominate one person who shall act on behalf of the organization in all dealings with the Society.
- d) Student membership is open to bona fide full-time students.
- e) Life membership may be granted to members of the Society who have provided exceptional longtime service and support to the Society. A life membership is proposed by Council, and must be approved by the Annual General Meeting. Life members are not expected to pay fees and shall receive Society publications of their choice.
- f) Each member in good standing, in whatever category, shall have the right to exercise one vote.
- g) Applications for membership are submitted to the Executive or Council for approval. Council has the power to reject applications or remove members for cause.
- h) Members of the Society are normally assigned to a Centre or Chapter, provided a Centre or Chapter is located within reasonable distance of the member's address.
- i) Any member may resign from the Society by submitting to the Society a written resignation.

BY-LAW 2 - Annual Membership and Subscription Fees

- a) The membership fee for each calendar year shall be established at the preceding Annual General Meeting.
- b) The annual membership fee is due on January 1.
- c) Any member whose annual membership fee is not received by March 31 shall cease to be a member.

- d) Renewals and membership applications received after October 31 are presumed to be for the following year, unless otherwise indicated.
- e) Annual subscription fees for Society publications are established by Council.

BY-LAW 3 - Publications

- a) The Society shall publish a Newsletter and an Annual Review to be received by all members.
- b) The Society shall also publish ATMOSPHERE-OCEAN, CLIMATOLOGICAL BULLETIN and CHINOOK on a subscription basis.
- c) The Society shall publish other publications as required by Council.
- d) Members of the Publications Management Committee shall consist of the Publications Business Manager and the Editors of the Society's journals and periodicals.
- e) Council shall establish an Editorial Board for each of the Society's journals and periodicals. The membership, terms of office, responsibilities and authorities of each Editorial Board shall be approved by Council.

BY-LAW 4 - Centres

- a) Upon receipt of a written request from at least twenty members, Council may, at its discretion, create a Centre for the reading of papers, the holding of lectures and discussions on subjects related to meteorology or oceanography and to discuss Society business. Council shall have the power to dissolve a Centre at any time if the Centre ceases to meet its responsibilities as outlined in this By-Law.
- b) The officers of a Centre shall include, but not be limited to a Chairman, a Secretary and a Treasurer. The officers shall be members of the Society in good standing, elected annually by a simple majority vote of those members present at a Centre meeting.
- c) Notices of meetings of a Centre shall be sent to all members assigned to the Centre.
- d) By February 1 of each year, the Chairman of each Centre shall submit to the Corresponding Secretary, a written report on the Centre's activities and finances during the previous calendar year.
- e) Council shall award annual subventions to permit the Centres to carry on activities related to the Society's aim.
- f) At no time shall the total liabilities of a Centre exceed its total assets.

BY-LAW 5 - Chapters

- a) In locations where the number of members does not permit the creation of a Centre, Council may, upon receiving a written request of five members, create a Chapter for the purpose of reading papers, holding lectures or discussions on subjects of meteorological or oceanographic interest and

discuss Society business. Council may dissolve a Chapter at any time if it fails to adhere to the responsibilities outlined in this By-Law.

- b) A Chapter shall elect a representative who shall submit to the Corresponding Secretary, by February 1 of each year, a report on the activities and finances of the Chapter during the previous fiscal year.

BY-LAW 6 - Special Interest Groups

- a) Upon the receipt of a written request from at least twenty-five members, Council may, at its discretion, create a Special Interest Group. A Special Interest Group will consist of members of the Society not necessarily co-located, who are interested in a particular area of meteorology or oceanography, and who desire to join together. Council shall have the power to dissolve a Special Interest Group at any time if the Group ceases to meet its responsibilities as outlined in this By-Law. Any member of the Society may, if he wishes, affiliate himself with a Special Interest Group.
- b) Officers of the Special Interest Group shall include, but not be limited to, a Chairman, Vice-Chairman, and Secretary-Treasurer. Officers serve a maximum of three years. The officers shall be members of the Society in good standing elected by a simple majority of the respondents to a mail ballot sent out to all members of the Group. The officers of a Special Interest Group may be removed from office in accordance with By-Law 12.
- c) Special Interest Groups organize scientific meetings in their area of interest. They shall assist the Congress Program Chairman, as required, in soliciting papers in the Group's area of interest. They shall also respond to requests by Council for advice in their area of interest and shall report on their activities via the Newsletter at least once a year in addition to (d) below.
- d) By February 1 of each year, the Chairman of each Special Interest Group shall submit to the Corresponding Secretary, a written report on the Group's activities and finances during the previous calendar year.
- e) Council may, at its discretion, award a subvention to assist a Special Interest Group in carrying out activities related to the Society's aim.
- f) A Special Interest Group Chairman may request the Society to levy a Special Interest Group membership fee.
- g) At no time shall the total liabilities of a Special Interest Group exceed its total assets.

BY-LAW 7 - National Meetings

- a) The national meetings of the Society shall be as follows:
 1. Annual Congresses for discussions, lectures, or the presentation of papers on matters of meteorological and oceanographic interest.
 2. An Annual General Meeting, usually held coincident with Congress, to discuss Society business.
 3. Special General Meetings to discuss urgent Society business.
- b) Notice of the location, date and hour of the Annual General Meeting shall be given to members at least 90 days in advance. The Annual General Meeting shall be held at places and times determined by Council.

c) The business of the Annual General Meeting shall be:

1. To receive and consider the reports of Council, the auditor, the ballot counters, the Committees, the Centres, the Chapters, the Editorial Boards and the Special Interest Groups.
2. To approve the annual budget of the Society.
3. To establish the membership fees for the next calendar year.
4. To discuss and determine such other questions as may be proposed relating to the affairs of the Society.
5. To install new officers for the ensuing year.

- d) Council shall have the power to call a Special General Meeting to consider and decide on any urgent Society business.
- e) Notice of Special General Meetings shall be given to members at least 30 days in advance. The notice shall state the nature of the business to be transacted.
- f) Any measure proposed to Council in writing by five or more members shall be considered, according to Council's discretion, at either a Special General Meeting or at the next Annual General Meeting.
- g) Twenty members shall form a quorum at any Annual or Special General Meeting of the Society.

BY-LAW 8 - Congresses

- a) CMOS Congresses are normally hosted each year by a Centre located in a different geographical area of the country.
- b) Annual Congresses shall be conducted in accordance with CMOS Congress Guidelines.
- c) The location of the Annual Congress shall be approved by the Annual General Meeting at least two years in advance.
- d) Council shall appoint the Local Arrangements and Scientific Program Committee Chairmen.
- e) The Corresponding Secretary is the point of contact between the Local Arrangements Committee Chairman and Council.

BY-LAW 9 - Prizes and Awards

- a) Prizes and awards are given by the Society to recognize scientific achievement and promote interest in meteorology and oceanography among scientists and the public.
- b) All awards are approved by Council after receiving the report of the Prizes and Awards Committee.
- c) A list of the Society's prizes and awards and their terms of reference is Appendix I to these By-Laws. Changes in the prizes and awards, or their terms of reference, shall be dealt with in the same way as changes to the Constitution and By-Laws. (see Article 5 of the Constitution)
- d) The Corresponding Secretary will publish, before the end of the calendar year, in the Newsletter and in any other appropriate publication(s) of the Society, a call for nominations for the Society's prizes and awards.

BY-LAW 10 - Election of Council

- a) The elected officers to Council are the President, the Vice-President, the Treasurer, the Corresponding Secretary and the Recording Secretary. Only members in good standing are eligible to hold the same office in the Society.
- b) Elected officers to Council shall serve their term from the end of the Annual General Meeting at which they were elected to the end of the following Annual General Meeting. The President and Vice-President shall not hold the same office for more than two consecutive terms. Other members of Council shall not hold the same office for more than four consecutive years.
- c) By February 1, a Nominating Committee, appointed by Council, shall prepare a list of nominations for the elected officers of Council. There shall be at least one nomination for each office. The nominees shall acknowledge their willingness to accept office if elected. In preparing its report, the Nominating Committee shall take into consideration the scientific, regional, and linguistic diversity of the Society, and the need for appropriate representation.
- d) By March 1, the Corresponding Secretary shall send, either by inclusion in the Newsletter or by letter, to each member of the Society:
1. A list of members of the current Council.
 2. A list of nominations made by the Nominating Committee.
 3. Notification that nominations for Council will be received in accordance with By-Law 10(e).
- e) Election of officers to Council will be held at the Annual General meeting. If there is more than one nomination for any office, voting will be held at the Annual General Meeting.
- f) The Recording Secretary and a scrutineer appointed by Council shall count the votes at the Annual General Meeting. Winner(s) will be decided by a simple majority. In the event of a tie, a coin will be tossed.
- g) The duties of the elected officers to Council are given in Appendix II to these By-Laws.

BY-LAW 11 - Appointed Officers

- a) Council shall appoint an Executive Director and a Publications Business Manager.
- b) The duties of the Executive Director and Publications Business Manager are given in Appendix II to these By-Laws.

BY-LAW 12 - Removal of Officers

Officers of the Society may be removed from office for due cause by a two-thirds majority vote of eligible members present at a duly convened meeting of the body which elected or appointed them.

BY-LAW 13 - Remuneration of Officers

- a) Officers of the Society, excepting the Executive Director and Publications Business Manager, shall not be remunerated for their services, but they may be reimbursed for those expenses, incurred on

behalf of the Society, which have been approved by the Executive.

- b) Council will from time to time determine suitable honoraria for the Executive Director and the Publications Business Manager, in addition to their reimbursement for those expenses, incurred on behalf of the Society, which have been approved by the Executive.

BY-LAW 14 - The Council

- a) Council is responsible for the overall direction of the Society.
- b) Council shall meet at least twice annually at the call of the President or at the request of any three members of Council.
- c) Four voting members plus the President or Vice-President shall form a quorum at any meeting of Council.
- d) The Council may meet and transact business by telephone conference call or other means, when members are unable to assemble in one place.
- e) Council shall appoint members and chairmen of Committees, Editors and Editorial Boards, and prescribe their terms of reference.
- f) Council shall ensure that proper and sufficient accounts are kept of the funds, receipts and expenditures of the Society.
- g) Council shall have the power to disburse and invest the funds of the Society in ways which it deems to be in the best interests of the Society.
- h) Councillors who hold more than one office concurrently are entitled to only one vote at Council.

BY-LAW 15 - The Executive

- a) The Executive of the Society is the executive arm of Council, reporting to Council and conducting the affairs of the Society within the limits of the powers conferred on it by Council.
- b) The Executive normally consists, at any time, of members of one or more Centres or Chapters in close proximity, and resides in one location for three or four years. The Executive meets as often as it deems necessary. An affirmative vote of a majority of the members present shall be required for the resolution of any question. In the event of a tie, the Chairman who does not normally vote, shall cast the deciding vote.
- c) Two voting members plus the President or Vice-President shall form a quorum at any Executive meeting.
- d) Between Council meetings, the Executive is responsible for ensuring that every reasonable action is taken to accomplish the aims of the Society subject to the policy decisions made by Council. Specifically the Executive has responsibility for:
 - 1. Execution of the day-to-day business of the Society.
 - 2. The finances of the Society within the limits set by the Annual General Meeting on the approval of the annual budget.
 - 3. Implementation of the decisions of Council as directed.

- 4. Other matters as specifically delegated by the Council to the Executive.

BY-LAW 16 - Committees, Editorial Boards and Working Groups

- a) The Committees appointed by Council are: the Nominating Committee, the Prizes and Awards Committee, the Education Committee; the Publications Management Committee and the Scientific Committee. Ad hoc committees may be appointed by Council as required.
- b) The Editorial Boards appointed by Council are: The Atmosphere-Ocean Editorial Board, the Chinook Editorial Board and the Climatological Bulletin Editorial Board.
- c) Members and Chairmen of Committees and Editorial Boards are appointed by Council.
- d) The terms of reference of each Committee and Editorial Board are determined by Council after due consultation with the Committee or Editorial Board concerned.
- e) Working Groups may be established by Council, the Executive, a Committee or an Editorial Board for a fixed period of time to complete an assigned task.

BY-LAW 17 - Finances

- a) The fiscal year of the Society shall coincide with the calendar year.
- b) The Treasurer shall prepare the accounts of the Society for external audit at the the end of the fiscal year. The accounts, the budget and the auditor's report shall be presented at each Annual General Meeting.

BY-LAW 18 - Auditors

- a) On the recommendation of Council, the Annual General Meeting shall approve the appointment of an auditor for the current fiscal year.

APPENDIX I TO BY-LAWS

CANADIAN METEOROLOGICAL AND OCEANOGRAPHIC SOCIETY PRIZES AND AWARDS

- a) The President's Prize

The President's Prize may be awarded each year to a member or members of the Society for a recent paper of special merit in the fields of meteorology or oceanography. The paper must have been accepted for publication in ATMOSPHERE-OCEAN, the CLIMATOLOGICAL BULLETIN or a refereed journal.

- b) The J.P. Tully Medal in Oceanography

The J.P. Tully Medal in Oceanography may be awarded each year to a person whose scientific contributions have had a significant impact on Canadian oceanography.

- c) The Dr. Andrew Thomson Prize in Applied Meteorology

The Dr. Andrew Thomson Prize in Applied Meteorology may be awarded each year to a member or members of the Society for an outstanding contribution to the application of meteorology in Canada.

d) The Prize in Applied Oceanography

The Prize in Applied Oceanography may be awarded each year to a member or members of the Society for an outstanding contribution to the application of oceanography in Canada.

e) The Rube Hornstein Prize in Operational Meteorology

The Rube Hornstein Prize in Operational Meteorology may be awarded each year to an individual for providing outstanding operational meteorological service in its broadest sense, but excluding the publication of research papers as a factor, unless that research has already been incorporated into the day-to-day performance of operational duties. The work for which the prize is granted may be cumulative over a period of years or may be a single notable achievement.

f) The Graduate Student Prizes

One or more graduate student prizes may be awarded each year for contributions of special merit by graduate students registered at a Canadian university or by Canadian graduate students registered at a foreign university.

g) Citations

One or more Citations may be awarded each year to an individual, group or organization which has, in the previous year, made some outstanding contribution towards promoting public awareness of meteorology or oceanography in Canada.

h) Other Awards

The Society may create other awards to recognize scientific achievement and promote interest in meteorology or oceanography.

APPENDIX II TO BY-LAWS

DUTIES OF ELECTED AND APPOINTED OFFICERS OF THE SOCIETY

The duties of the Executive members shall be as follows:

a) The President

1. The President is responsible for the overall management of the Society's affairs and may delegate responsibility and authority for specific duties in accordance with the needs of the Society.
2. The President, or his delegate, shall represent or speak officially for the Society on all occasions of major import where a representative of the Society is required.
3. The President shall take the chair at meetings of the Executive and Council and at all General Meetings of the Society.

4. The President shall not vote on any question brought before any meeting when he is in the chair, except that, should a deciding vote be necessary, he shall cast that vote.

b) The Vice-President

1. The Vice-President shall assume all of the duties of the President in the absence of the latter.
2. The Vice-President will normally be nominated as a candidate for President in the succeeding year.
3. The Vice-President shall assume particular responsibility for the direction of the Centres, Chapters and Special Interest Groups.

c) The Treasurer

1. The Treasurer shall, on behalf of the Society, open and maintain such bank accounts as may be necessary for the investment and day-to-day handling of Society funds.
2. The Treasurer shall maintain books of accounts of all financial transactions of the Society in a manner agreeable to the Auditor and approved by the Council.
3. The Treasurer shall have the authority to disburse the funds of the Society up to a limit for single payments specified by Council from time to time. Disbursements exceeding this limit shall require a decision of the Executive duly recorded at a meeting of the Executive.
4. The Treasurer shall be responsible for the collection of all accounts due to the Society.
5. The Treasurer shall prepare the accounts of the Society for audit, and shall make available to the auditor such books and documents relating to the Society as the latter may require in accordance with By-Law 17(b).
6. The Treasurer shall prepare the annual budget for consideration by Council.
7. The Treasurer shall prepare the necessary financial statements and Revenue Canada information returns for the Society.
8. The Treasurer shall recommend an auditor to Council.

d) The Recording Secretary

1. The Recording Secretary shall record the action items and maintain the minutes of the proceedings of Council and Executive meetings, and of all General Meetings of the Society.
2. The Recording shall be responsible for the preparation and distribution of agenda for meetings and for the distribution of relevant minutes of preceding meetings at least one week in advance of Executive and Council meetings.
3. The Recording Secretary shall submit the agenda and minutes of general meetings at the call of the Editor of the Annual Review.

4. The Recording Secretary shall carry out the duties of the Corresponding Secretary in the absence of the latter.
5. The Recording Secretary shall be responsible for Council elections in accordance with By-Laws 10(e) and 10(f).

e) The Corresponding Secretary

1. The Corresponding Secretary shall be responsible for the general correspondence of the Society and shall arrange for the maintenance of an up-to-date membership list and for the notification of members concerning upcoming deadlines, in accordance with By-Laws 4(d), 6(d), 7(b), 7(e) and 10(d).
2. The Corresponding Secretary shall be the point of contact for the Executive and/or Council and congress organizers in accordance with By-Law 8(e).
3. The Corresponding Secretary shall carry out the duties of the Recording Secretary in the absence of the latter.

The duties of the Appointed Officers shall be as follows:

a) The Executive Director

1. The Executive Director shall conduct such business and correspondence of the Society as may be directed by the Council or by the President.

2. The Executive Director shall be responsible for the proper functioning of the CMOS headquarters office.

3. The Executive Director shall serve as an ex-officio non-voting member of all Committees established by Council.

4. The Executive Director shall prepare and keep current the files and documents of the Society as established by recorded Council action.

5. The Executive Director shall have the custody of the Corporate Seal of the Society and, when required, shall certify documents issued by the Society.

b) The Publications Business Manager

1. The Publications Business Manager shall manage all business aspects of the Society's Publications.

2. The Publications Business Manager shall chair the Publications Management Committee.

[Revision 3 ... approved by Council May 24, 1985]

CMOS PRIZES AND AWARDS AWARDED AT THE 19TH ANNUAL CONGRESS

The President's Prize

is awarded to

PETER A. TAYLOR

and

JOHN L. WALMSELY

in recognition of excellence of their collaborative contributions to the understanding of airflow in complex terrain, and particularly their publication "A Simple Model of Neutrally Stratified Boundary-Layer Flow over Real Terrain Incorporating Wavenumber Dependent Scaling."

The Andrew Thompson Prize in Applied Meteorology

is awarded to

E. GRAEME MORISSEY

Atmospheric Environment Service
Department of the Environment

in recognition of his foresight, determination and leadership in the establishment of the Satellite Data Laboratory in Downsview and of his continuing innovative direction in keeping it in the forefront of centres for the reception, treatment and dissemination of data from both polar-orbiting and geostationary meteorological satellites. The programs he fostered have revolutionized the art and practice of weather forecasting in Canada and have led to numerous developments in applied meteorology ranging from hydrometeorology to air pollution monitoring to cloud physics and cloud climatology. The equipment and procedures developed in his lab have been widely copied and put to use in numerous other centres in this country and abroad.

The Applied Oceanography Prize

is awarded to

T.S. MURTY

Institute of Ocean Sciences
Sidney, British Columbia

for his work on meteorologically induced sea level changes which has culminated in his recent book on Storm Surges.

The Rube Hornstein Prize in Operational Meteorology

is awarded to

NORMAN T. TAYLOR

Meteorology and Oceanography
Department of National Defence

in recognition of consistent excellence in providing aviation weather services and training to Canadian Forces aircrew. In particular, he maintained a standard of dedication and excellence ensuring aircrew would be fully prepared, have confidence in their own abilities to handle weather events and optimize their use of available weather services. Mr. Taylor has dedicated his career to promoting safety in the air.

The Tully Medal

is awarded to

W.L. FORD

Halifax, Nova Scotia

in recognition of his contributions to the development of

oceanography in Atlantic Canada. Dr. Ford was a leader of the first multi-ship survey of the Gulf Stream, in the 1950's, and an early participant in sonar research with the Defence Research Board. As director of the Bedford Institute of Oceanography in its formative years, Dr. Ford played an important role in leading that Institute to its present status as a world-class research establishment.

The Graduate Student Prize

is awarded to

GORDON SWATERS

University of British Columbia

for his Master of Science thesis completed under the direction of L.A. Mysak. This theoretical study shows that a large eddy observed near Sitka, Alaska, just north of the British Columbia coast, may be explained in terms of an interaction of mean currents with the local bottom topography.

CMOS NEW MEMBERS

Mark Coré Regina, Saskatchewan (Student)	Ahmed Aissaoui Rimouski, Québec (Professeur)
Martin Goldstein Brooklyn, N.Y., U.S.A. (Lab Specialist - Physical Sciences)	K.A. Macdonald Bradford, Ontario (Meteorologist)
Yves Rochon Kapusking, Ontario (Student)	Francois Saucier Rimouski, Québec (Student)
Robin Ford Pasadena, C.A. U.S.A. (Librarian)	G.W. Reuter Pretoria, 0001 South Africa (Scientist)
Pierre Lessard Sept-Iles, Quebec	Gills Sommeria Reading, Berkshire RG2 9AX England (NWP Modeller)
Brad J. Snyder Gander, Newfoundland (Meteorologist)	Roger St-Pierre Rimouski-Est, Québec (Étudiant)
Douglas McCollor Halifax, Nova Scotia (Student)	John Koshyk Toronto, Ontario (Student)
Bernard Dugas Toronto, Ontario (Informaticien)	David Christian Palmer Fredericton, New Brunswick (Graduate Student)
J.P. René Laprise Downsview, Ontario (Graduate Student)	Michael Lazare Bramalea, Ontario (Meteorologist)
Abdel R. Maarouf Willowdale, Ontario (Graduate Student)	Saroja Polavarapu Toronto, Ontario (Student)
G.W. Kent Moore Toronto, Ontario (Post-Doctoral Fellow)	Ross N. Hoffman Cambridge, Massachusetts U.S.A. (Staff Scientist)
Bon J. VanHardenberg Vancouver, British Columbia (Student)	W. Nicholaichuk Saskatoon, Saskatchewan (Hydrologist)
Jacinthe Lacroix Rimouski, Québec (Étudiante)	Charlie Wendell Stirling, Ontario (Meteorologist)

Ian B. Baragar Winnipeg, Manitoba (Marketing Engineer)	Dominique Dufour Bic, Québec (Étudiante)
David M. Holland St. John's, Newfoundland (Student)	William Gough Madoc, Ontario (Student)
Barry Grace Lethbridge, Alberta (Research Scientist)	Steven J.E. Marsh Regina, Saskatchewan (Student)
Robert Reiniger Halifax, Nova Scotia (Physical Scientist)	David Rankin Dartmouth, Nova Scotia (Corporate Member)
L. Geoffrey Spedding Calgary, Alberta (Environmental Research Coordinator)	Joseph A. Scrimger Victoria, British Columbia (Physicist)
Roger S. Pulwarty Downsview, Ontario (Student)	Jin-Yu Sheng St. John's, Newfoundland (Graduate Student)
Christiane Beaudoin Montréal, Québec (Météorologue)	Andrew John Weaver Vancouver, British Columbia (Student)
Brian Clasky Thornhill, Ontario (Student)	Mark McCrady Gander, Newfoundland (Operational Meteorologist)

FACULTY POSITIONS AT MCGILL UNIVERSITY

The Department of Meteorology is searching for candidates to fill two positions that will be supported initially by the Canadian Climate Program. Applications are invited at all levels. Tenure or tenure-track appointments are possible. Main responsibility is climate research, though graduate student supervision will be required and some teaching encouraged. Priority areas are large-scale climate modelling, general circulation studies, observational studies of climatic anomalies, analysis of global data sets, and numerical weather prediction. In accordance with Canadian immigration regulations, this advertisement is directed to Canadian citizens and permanent residents of Canada. Please send resume and reprints to: R.R. Rogers, Chairman, Department of Meteorology, McGill University, 805 Sherbrooke Street West, Montreal, Quebec, Canada, H3A 2K6 (telephone: (514) 392-4461). Applications will be considered as they arrive.

DEUX POSTES À MCGILL

Le Département de météorologie prévoit créer deux nouveaux postes financés initialement par le Programme canadien sur le climat. Des candidatures à tous les niveaux, de professeur titulaire à chercheur adjoint, seront considérées. Les candidats choisis se consacreront principalement à la recherche sur le climat; ils dirigeront aussi les travaux de recherche d'étudiants gradués et une collaboration au programme d'enseignement sera encouragée. Les domaines prioritaires incluent l'étude de modèles du climat, la circulation générale, les anomalies climatiques, l'analyse de banques de données globales et la prévision numérique. En conformité avec la loi de l'immigration canadienne, cette annonce s'adresse aux citoyens canadiens et aux résidents permanents du Canada. Faire parvenir curriculum vitae et tirés à part à: R.R. Rogers, Directeur, Département de météorologie, Université McGill, 805 rue Sherbrooke ouest, Montréal, P.Q., Canada, H3A 2K6 (téléphone: (514) 392-4461). Les candidatures seront évaluées sur réception.

THE UNIVERSITY OF BRITISH COLUMBIA

DEPARTMENT OF OCEANOGRAPHY

NSERC University Research Fellowships

Applications are invited from suitably qualified candidates for NSERC University Research Fellowships to be held in the Department of Oceanography. Applicants must have post-doctoral experience and be Canadian citizens or landed immigrants. Applications from all disciplines in marine science will be considered. We are especially interested in candidates having training and experience in the molecular aspects of marine microbiology.

Please write for further particulars and send applications, with a curriculum vitae and the names and addresses of three references, to:

Dr. S.E. Calvert, Head
Department of Oceanography
The University of British Columbia
Vancouver, British Columbia
Canada V6T 1W5

EXPO-CIMO 85

Status Report

The Government of Canada has been the host to the ninth session of the WMO Commission for Instruments and Methods of Observation (CIMO-IX) and the third Technical Conference on Instruments and Methods of Observation (TECIMO-III). These events took place in Ottawa, Canada from July 8 - 26, 1985. On behalf of Environment Canada, the Ottawa Chapter of the Canadian Meteorological and Oceanographic Society (CMOS) organized an exhibition in conjunction with these events. The exhibition was open to commercial interests who have products and/or services to offer and to governments who wished to display programs and activities related to meteorological instrumentation and observational systems. The exhibition was held between Wednesday, July 10 and Tuesday, July 16, 1985, and was co-located with CIMO and TECIMO at the Government Conference Centre, which is centrally located in downtown Ottawa near the Canadian Parliamentary Buildings.

All booth spaces, a total of 50, were rented. This was six additional booths from the original floor plan. A total of 29 organizations occupied the booths. Some of the organizations, who occupied several booths, for example Prométéo from France, represented a number of individual companies. Nine companies from Canada occupied twelve booths.

CMOS hosted a reception at the exhibit on Wednesday, July 10. The CMOS National and Ottawa Chapter executives were invited to attend.

INTERNATIONAL SYMPOSIUM ON

NATURAL AND MAN-MADE HAZARDS

August 3-9, 1986

Rimouski and Quebec City
Canada

Sponsored by the Tsunami Society

Hosted by the Université du Québec à Rimouski

During the summer of 1986, Rimouski will be the site for the coming International Symposium on Natural and Man-made Hazards. This symposium, hosted by the Université du Québec à Rimouski and sponsored by the Tsunami Society, is expected to attract between 300 and 400 researchers, as well as family members, from all over the world. The objectives of the symposium are to promote the advancement of the

hazards sciences, to perceive and exploit those aspects that are similar for some of the various hazards, to review the newest developments in a few selected fields, and also to outline new directions for future research. The symposium will cover both the atmosphere and oceans, and the hazardous aspects of the following topics will be dealt with:

- Tropical and extra-tropical cyclones, thunderstorms, squall lines, lightning, hail, rain fall, snow, acid rain, nuclear winter, carbon dioxide effects, climatic changes, clear air turbulence, air pollution, visibility, fog.
- Tsunamis, storm surges, wind waves, edge waves, swell, abnormal water levels, tides and tidal bores, hydraulic jumps, flash floods, water spouts, ice flows, icebergs, icing on marine structures, ice jams in rivers, ice ride-up on shore, man-made storage of water resources and their environmental effects, water pollution.

CALL FOR PAPERS

THIRD CANADIAN CONFERENCE ON MARINE GEOTECHNICAL ENGINEERING

ST. JOHN'S, NEWFOUNDLAND

11 - 13 JUNE 1986

This national conference is being held at Memorial University of Newfoundland under the auspices of the Associate Committee on Geotechnical Research (NRCC) and the Canadian Geotechnical Society.

The conference objective is to provide a forum for technical information exchange on offshore geotechnology. A well-balanced program is proposed covering recent developments in research, design, analysis, construction, data acquisition, regulations and case histories. Keynote Lectures and presented papers will be complemented by poster sessions and technical exhibits.

Six non-concurrent sessions are planned with the following themes:

1. Offshore Geology/Geophysics - interpretation, mapping, seismic risk, techniques.
2. Marine Soil Properties - measurement, prediction, testing, modelling, dynamic characteristics.
3. Site Investigation - insitu techniques, equipment, logistics, needs.
4. Offshore Geotechnical Design/Construction - theories, analysis, data requirements methods, foundations, environmental factors, monitoring and performance.
5. Ice - engineering properties, forces, interaction, field testing.
6. Geotechnical Codes and Regulations - panel discussion, purpose, development, enforcement.

Provided sufficient response is received, one session will be devoted to papers relating Beaufort Sea experience acquired since the previous Conference in 1982.

Extended abstracts (300 - 500 words) should be submitted by 31 October 1985. Notification to authors of selected abstracts will be forwarded by 29 November. Four (4) copies of the complete manuscript are required by 28 February 1986 for review. Papers must be written in either English or French. Manuscripts accepted for presentation will be returned to authors by 30 April for preparation and submission of a camera-ready copy by the conference date. Conference Proceedings will be published in late 1986. Abstracts for poster sessions should be submitted before 28 February 1986.

Submission Deadlines: Paper Abstract - 31 Oct/85
Manuscript for Review - 28 Feb/86
Poster Abstract - 28 Feb/86
Final Paper - 10 Jun/86

Submit abstracts to:

W.L. White, Technical Program Chairperson
c/o Newfoundland Geosciences Limited
P.O. Box 8863, Station A
St. John's, Newfoundland
Canada A1B 3T2

(Telephone: (709) 753-0208)

AES-CMOS WORKSHOP ON OPERATIONAL METEOROLOGY

A joint AES-CMOS Workshop on Operational Meteorology is planned for Winnipeg, Manitoba on February 4-6, 1986.

This workshop will be one of the few gatherings in North America where the emphasis will be strictly on the operational aspects of meteorology. Its success and that of future workshops will depend on active involvement of operational meteorologists. We urge all interested members to participate.

A "Call for Papers" has been circulated to all CMOS members and is repeated below.

CALL FOR PAPERS

First Workshop on Operational Meteorology

February 4 - 6, 1986

Winnipeg, Manitoba

The First Workshop on Operational Meteorology, sponsored by the Atmospheric Environment Service of Environment Canada and the Canadian Meteorological and Oceanographic Society, will be held February 4 - 6, 1986, in Winnipeg, Manitoba.

The Program Committee wishes to solicit papers on the following key topics: (1) data acquisition; (2) remote sensing; (3) data management, analysis and display systems; (4) mesoscale meteorology (summer convection, local circulations, extreme events, structure of cyclones and fronts); (5) NWP modelling; (6) weather element prediction; (7) psychology of weather forecasting; (8) using weather information; (9) the benefits of weather services; and (10) verification.

The format will consist largely of submitted papers, a few invited papers, panel discussions and laboratory sessions.

In addition, a poster session is planned for the evening of February 4.

Titles and abstracts of 200-400 words should be sent by October 1, 1985, to the Program Chairman, Louis Legal, 18 Alburg Drive, Winnipeg, Manitoba, Canada, R2N 1L9. Authors should indicate their preference for presenting their paper orally in a regular session or in a poster session. Preferences will be considered to the extent possible.

Authors will be notified by November 1, 1985, regarding acceptance of their abstracts.

Instructions and special typing paper will be furnished to authors of accepted papers. Papers and abstracts may be in either English or French.

Complete camera-ready papers of no more than 8 pages, including diagrams, must be received by the Program Chairman no later than December 15, 1985. A preprint volume will be prepared and distributed to Workshop registrants.

THIRD INTERNATIONAL WORKSHOP ON
ATMOSPHERIC ICING OF STRUCTURES

MAY 6 - 8, 1986

VANCOUVER, BRITISH COLUMBIA, CANADA

The third International Workshop on the Atmospheric Icing of Structures will be held in Vancouver starting on Tuesday, May 6, 1986. Accommodation has been arranged at the Sheraton-Villa Inn, and the Workshop will be held at the Head office of the B.C. Telephone Co. Ltd. Transportation to and from the hotel will be provided by a double-decker bus, and participants will have ample opportunity to visit EXPO 86, which opens on May 2, 1986. The Registration Fee includes a free 3-day pass to the EXPO site.

Due to the pressure on hotel accommodation in Vancouver during 1986, we have been asked to confirm our reservations. To be sure of having a place to stay while you are attending the Workshop, would you please complete the form below and send it as soon as possible to:

D.J. Armstrong, P.Eng.
Workshop Coordinator
c/o B.C. Hydro
555 West Hastings Street
P.O. Box 12121
Vancouver, British Columbia V6B 4T6
Telephone: (604) 663-2938
Telex: 04-54456

The program will follow the proposed outline as closely as possible:

Monday, May 5, 1986	6 p.m. - 8 p.m. Registration and Reception
Tuesday, May 6, 1986	Authors Breakfast Morning and Afternoon Sessions Dinner in the evening
Wednesday, May 7, 1986	Authors Breakfast Morning and Afternoon Sessions Evening free
Thursday, May 8, 1986	Authors Breakfast Morning and Afternoon Sessions Evening free
Friday, May 9, 1986	Optional Field Trip to view local facilities (all day - dependent on weather conditions)

EXPO 86 will feature a Polar Regions Week during the period May 5 - 11, 1986.

Several interesting titles have already been received for papers to be presented, and some weather monitoring equipment will be available for inspection. Further offers and suggestions will be welcomed.

Costs in Canadian dollars are given below. The room and meal costs do not include a required 7% Provincial Sales Tax.

Registration Fee - includes Reception, Tuesday Dinner, bus transportation to and from Workshop, 3-day Pass to EXPO 86 and breakfast in Sheraton-Villa Inn	\$250
- for spouses and guests not attending Workshop (includes 3-day EXPO Pass)	\$ 50
Hotel-Courtyard - single room	\$ 48
- double room	\$ 58

Hotel-Tower - single room	\$ 73
- double room	\$ 83

Typical Estimates for Meals are: Breakfast \$ 8.25
Lunch \$ 5.00
Dinner \$20.00
Gratuities 12%

Field Trip - Alternative 1 \$ 75
Black Tusk Mountain and B.C. Telephone Installation (includes bus transportation to Whistler, helicopter access to summit and lunch at Whistler Resort Centre).

Field Trip - Alternative 2 \$ 75
Mission Ridge and B.C. Hydro Installation (includes transportation to North Vancouver B.C. Rail Station, return fare to Shalalth, lunch, helicopter access to site at 1830 m (6000 ft.) elevation, on Mission Ridge).

Two alternative field trips have been arranged for Friday, May 9, 1986. If enough people are interested, we may be able to provide both alternatives on the same day.

Those who wish to participate in the field trip should expect to spend an extra night in the hotel, as the departure time will be around 6 a.m. on the Friday morning. A maximum of 45 people can be accommodated on the first alternative, and a maximum of 60 people on the second alternative trip, which will include one of the most scenic train rides in British Columbia. Alternative accommodation at a hotel near the airport can be arranged for the Friday evening for those going on the field trip.

For spouses and guests, 3-day passes to EXPO 86 can be made available, depending on the demand. A nominal registration fee of \$50 will cover attendance at the Reception, the Dinner and the 3-day pass to EXPO, but excluding breakfasts. Again, numbers may have to be limited.

Final confirmation of hotel reservation, together with your registration fee, must be received in this office by December 31, 1985. No reservations for hotel accommodation can be accepted after that date.

D.J. Armstrong, P.Eng.
Workshop Coordinator

Please complete and mail to: David Armstrong, Workshop Coordinator, c/o B.C. Hydro, 555 West Hastings Street, P.O. Box 12121, Vancouver, British Columbia, V6B 4T6, before June 30, 1985. This is for estimating attendance only and is not a firm commitment. Final confirmation of hotel reservation, together with your registration fee, must be received in this office by December 31, 1985.

NAME: _____

MAILING ADDRESS: _____

Please tick (✓) as appropriate:

I will require Hotel accommodation Monday, May 5 to Wednesday, May 7, 1986, inclusive	()
I will require Hotel accommodation Monday, May 5 to Thursday, May 8, inclusive	()
I will not require any Hotel accommodation	()
I will go on Field Trip Alternative 1	()
Alternative 2	()

TWENTIETH ANNUAL CONGRESS/CHS:86

The Saskatchewan Centre of the Canadian Meteorological and Oceanographic Society and the Associate Committee on Hydrology of the National Research Council will host the Twentieth Annual CMOS Congress/Canadian Hydrology Symposium:86 from June 3 to 6, 1986, at the University of Regina. The theme is "Drought: the Impending Crisis?"

Further information on the CMOS Congress/CHS:86 may be obtained by completing the information slip below. Please indicate which information is of particular interest to you, and mail the form to the following address:

K.H. Jones
CMOS/CHS:86
Environment Canada
P.O. Box 4080
Regina, Saskatchewan
S4P 3W5

CMOS 1986 / CHS:86

Name: _____

Address: _____

City: _____

Postal Code: _____ Province: _____

Telephone: _____

Affiliation: _____

Interest:

- Call for Papers
 Registration Information
 Commercial Exhibits

CALL FOR PAPERS

SIXTH CONFERENCE ON OCEAN-ATMOSPHERE INTERACTION

JANUARY 1986, SOUTHEAST U.S.

The Sixth Conference on Ocean-Atmosphere Interaction, sponsored by the American Meteorological Society, will be held in January 1986 in the Southeast U.S. (possible Puerto Rico). The Conference will be held in conjunction with the National Conference on the Scientific Results of the First GARP Global Experiment (FGGE) and the AMS 66th Annual Meeting.

The theme of the Conference will be ocean-atmosphere coupling, with sessions devoted to measuring, parameterizing and modelling various aspects of the interrelationships between oceanic and atmospheric layers from thermocline to cloud base.

Titles and abstracts should be submitted by 8 July 1985 to the program chairman. Two abstracts are required: a short abstract (100 word limit) for publication and a reviewer's abstract of 200 - 400 words, both to be typed double spaced. Please include address and telephone number on the reviewer's abstract.

Program Committee:

Mark A. Donelan, Chairman
Canada Centre for Inland Waters
P.O. Box 5050, Burlington, Ontario
Canada L7R 4A6

Telephone: (416) 637-4231 OR (416) 637-4326

Kristina Katsaros
Ruby Krishnamurti
Duncan Ross
Richard Somerville
Gasper Valenzuela

Some presentations are particularly well suited to poster sessions. Participants who wish to use this method of presentation should so indicate on their abstracts.

CANADIAN EAST COAST WORKSHOP

ON

SEA ICE

Bedford Institute of Oceanography

January 7 - 9, 1986

CALL FOR PAPERS

Topics: Ice Climatology/Numerical Modelling/Process Studies
Icebergs/Remote Sensing/Future Research

The workshop will provide an opportunity for the research community to review recent advances in sea ice research and for industry representatives to view present research in terms of operational requirements for Canadian offshore development. An objective will be to establish a framework within which future Canadian research programs can be designed.

The three-day workshop will include papers from invited speakers, contributed papers (20 - 30 minute presentations) and panel discussions.

Written abstracts and/or short papers to be submitted before October 15, 1985. Proceedings will be published in the Canadian Technical Report of Hydrography and Ocean Sciences Series.

Contact: Graham Symonds or Ingrid Peterson
Atlantic Oceanographic Laboratory
Bedford Institute of Oceanography
P.O. Box 1006
Dartmouth, Nova Scotia
Canada B2Y 4A2

Telephone: (902) 426-3584 or 426-3181

Telex: 019-31552

Telemail: BEDFORD.INST
(message for G.Symonds)

Sponsorship: Office for Energy Research and Development
Canadian Meteorological and Oceanographic Society

VINGTIÈME CONGRÈS ANNUEL/SCH:86

Le Centre de la Saskatchewan de la Société canadienne de météorologie et d'océanographie et le Comité associé d'hydrologie du Conseil national de recherches seront les hôtes du vingtième congrès annuel de la SCMO et du Symposium canadien d'hydrologie:86, qui se tiendront du 3 au 6 juin 1986, à l'Université de Régina. Le thème en est: "La sécheresse: une menace à l'horizon?"

Pour plus de renseignements au sujet du Congrès SCMO/SCH:86, veuillez compléter le questionnaire ci-dessous. SVP indiquez quelle information vous intéresse en particulier, et postez-le à l'adresse suivante:

K.H. Jones
 SCMO/SCH:86
 Environnement Canada
 Cast Postal 4080
 Régina (Saskatchewan)
 S4P 3W5

ATMOSPHERE-OCEAN

Volume 23 Number 1 March 1985

Contents

SCMO 1986 / SCH:86

Nom: _____

Adresse: _____

Ville: _____

Code Postal: _____ Province: _____

Téléphone: _____

Affiliation: _____

Intérêt:

- Invitation à présenter des communications
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