



C. M. S. NEWSLETTER

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SCITEC:

The executive have agreed to continue CMS membership in SCITEC for the year 1975. There is some doubt as to the future of SCITEC owing to basic philosophical differences between the scientists speaking for SCITEC and the politicians speaking for the Senate Committee on Science Policy and the Ministry of State for Science and Technology. The following editorial, reprinted from the SCITEC Bulletin, February 1975 gives some indications of the present situation.

"INTERACTION WITH PUBLIC DECISION MAKERS

On the occasion of the first SCITEC Bulletin of 1975, permit me to share with you a few thoughts on one of the key problems facing the scientific, engineering and technological community in Canada namely, the general lack of in-depth background in science and technology possessed by officials in public decision making bodies. As far as I can ascertain, there is one member of the House of Commons who has been trained as a scientist. Although an engineer has on rare occasion penetrated the Senate, I cannot find evidence of former scientists in the Senate. It seems to me that the investigations of the Special Senate Committee on Science Policy might have been received more objectively and their resultant recommendations more acceptable to the scientific and technological community if individuals with scientific backgrounds could have comprised even a minor part of that Committee. Why, for example, was Canada not in a position to have a "Senator" Herzberg or one of many distinguished Canadian scientists serve as a member of the Committee? This almost total lack of individuals with appropriate scientific, technological or engineering background in federal circles is duplicated in most provincial and municipal decision making bodies. Thus at the highest decision making level, the science and technology considerations are conveyed by "advisors" and once real horse-trading begins it is perhaps not surprising that the role that science and technology could play for the nation takes on either a low or non-existent priority.

The well-worn cliché that "science-policy is too important to be left to the scientists" has been heard so often during the last decade in Canada that many consider it to mean that there should be no involvement of the scientific and technological community at all. Unfortunately, the holders of this opinion include, in many instances, the scientists themselves. Can you imagine the labor unions reacting in this timid manner to matters affecting labor policy or the farmers to matters affecting agricultural policy?

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There is no easy sure solution to the situation. As a start it is clear, however, that every opportunity must be taken by each individual scientist, engineer or technologist, their association and groups of associations to interact with public decision makers at all levels. In this way our views will become known and our understanding of the decision making process heightened. If, as a result of this process of interaction, a few more people with training in science and technology become interested in careers in public office, a good start will have been made.

M.P. BACHYNSKI
PRESIDENT, SCITEC"

CONTRIBUTIONS DEMANDEES - NEUVIEME CONGRES ANNUEL

Le neuvième congrès annuel et la réunion annuelle de la Société météorologique du Canada auront lieu à l'université de la Colombie Britannique, Vancouver, les 28-30 mai 1975. Le thème de la session inaugurale du congrès sera le rôle de l'océan Pacifique dans le climat de l'Amérique du nord et il mettra l'accent sur l'interaction entre l'océan et l'atmosphère. La session-thème comprendra des conférenciers invités. Il y aura aussi des sessions sur des sujets tels que la physique des nuages, la météorologie dynamique, la prévision de la température, la micrométéorologie, l'agrométéorologie et la météorologie forestière, les interactions air-mer, la météorologie urbaine, GATE, les changements climatiques et d'autres aspects de la météorologie, selon les contributions. On a l'intention d'avoir aussi une session spéciale sur l'océanographie physique.

Les membres et autres personnes désirant présenter des articles à ce congrès doivent envoyer le titre et le résumé définitif (s.v.p. moins de 300 mots) au directeur du programme: M. T.R. Oke, Ph.D. Département de Géographie, Université de la Colombie Britannique, Vancouver V6T 1W5, au plus tard le 1er février 1975.

Les détails sur l'enregistrement, l'hébergement, etc., seront donnés dans Atmosphere et la CMS Newsletter, ou en écrivant au directeur des arrangements locaux, M. T.A. Black, Ph.D., Département des Sciences du Sol, Université de la Colombie Britannique, Vancouver V6T 1W5.

1975: INTERNATIONAL WOMEN'S YEAR

With a female membership of approximately 2%, the CMS is widely regarded as the last bastion of male chauvinism among the learned professions. In keeping with our past achievements, no activity will be undertaken in recognition of the International Women's Year.

AMERICAN METEOROLOGICAL SOCIETY

On January 20th at the 55th Annual Business Meeting of the AMS in Denver, Colorado the elections of the new President-Elect and Councillors of the Society.

Dr. Charles Hosler, Dean of the College of Earth and Mineral Sciences at the Pennsylvania State University will replace Dr. David Atlas as President in 1976. The new Councillors, to serve three-year terms, are Stanley A. Changon, Jr., Dr. Neil L. Frank, Paul W. Kadlec, Dr. Joanne Simpson and Dr. David K. Todd.

SYMPOSIUM ON THE TERRESTRIAL ENVIRONMENT

The CMS is sponsoring joint sessions with the Division of Aeronomy and Space Science in the "Symposium on the Terrestrial Environment" at the annual CAP Congress on June 9-12, 1975 to be held at York University, Toronto. A copy of the program is enclosed. Interested members of the CMS are invited to submit papers for Session 1 or Session 2. Invited papers are being given by Dr. P. Merilees and Dr. D.M. Hunten.

Abstracts should be submitted in the special format outlined in the centrepage of the January, 1975 Issue of "Physics in Canada" and sent to: A.E. Douglas, Program Chairman, CAP 75 Congress, Division of Physics, National Research Council, Ottawa, Ontario K1A 0R6. Additional information can be obtained from: Dr. W.F.J. Evans, Atmospheric Environment Service, 4905 Dufferin Street, Downsview, Ontario M3H 5T4, telephone (416)667-4835.

NATIONAL HYDROLOGY SYMPOSIUM

To mark the end of the International Hydrological Decade and the start of the International Hydrological Programme, a National Hydrology Symposium will be held in the Winnipeg Convention Centre, August 11-14, 1975. The Symposium will be in the form of invited theme papers covering all aspects of hydrology and concentrating on significant advances in the field during the last ten years and potential future thrusts of development. There will be opportunity for discussion and presentation of submitted papers. Sessions are planned on precipitation and evaporation, surface waters, sub-surface waters, water balance, runoff generation, water quality, and effects of man's activities. Registration fee is \$40.00, payable at the Symposium, and includes a copy of the final proceedings volume.

Abstracts for submitted papers should reach the organized committee not later than 15 March 1975.

Direct correspondence to: Dr. J.C. Brown, Chairman, Organizing Committee, Canadian Hydrological Symposium: 1975, c/o Inland Waters Directorate, Environment Canada, Ottawa, Ontario K1A 0E7.

CALL FOR PAPERS

The Canadian Meteorological Society will be holding oceanographic sessions at its 9th Annual Congress to be held at University of British Columbia, Vancouver, May 28 to 30, 1975. It is our belief that the time is ripe for such a meeting, and it is our hope that if enough oceanographers attend and contribute to these sessions they will serve as a first step towards the formation of a division of CMS to serve as the national body for oceanographers. Therefore, we

are calling for scientific papers from oceanographers throughout the country. Organizers have been designated for sessions on the following topics:

1. Estuarine Processes, physical and chemical, D. Farmer, Marine Sciences Pacific;
2. Air Water Interaction, S.D. Smith, Bedford Institute of Oceanography;
3. Physical and Chemical Processes in the Ocean, P.H. LeBlond, I.O.U.B.C., and J.M. Bowers, Bedford Institute of Oceanography;
4. Dynamics of Inshore and Inland Waters, K. Rodger, Canada Centre for Inland Waters;
5. Interaction between biological, chemical and physical processes in the ocean, T. Parsons, I.O.U.B.C.

Abstracts should be sent to: Dr. C.R. Mann, Bedford Institute of Oceanography, P.O. Box 1006, Dartmouth, N.S. B2Y 4A2, to arrive no later than 3 February 1975, and the speakers will be notified of acceptance by 3 March. We hope to see as many of you as can join us in Vancouver.

AWARD TO J.J. MOAKLER

John Moakler was honoured by the presentation of an Institute Service Award by the Professional Institute of the Public Service of Canada in recognition of his active service to the Meteorology group of the P.I. throughout his career and for his long-time contributions to the Group's publication, the Forecaster.

NEW MEMBERS

The following were elected to Society membership on 17 January:

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| J.D. Reid | D. Ouattara |
| S.R. Shewchuk | P. Lamb |
| M. Loisele | J. Boisvert-Mortel |
| R.V. Portelli | T.E. Jakobsson |
| A. Saulesleja | F. Fanaki |

ANNOUNCEMENT

STANSTEAD SEMINAR

The eleventh in a biennial series of seminars on dynamical meteorology will be held at Bishop's University, Lennoxville, Quebec, Canada July 7 through 11, 1975. The basic theme of this summer's seminar is numerical weather prediction. Among the invited participants are Aksel Wiin-Nielsen, Director, European Center for Medium Range Weather Forecast; David Baumhefner, National Center for Atmospheric Research; André Robert, Director, Canadian Meteorological Centre; Richard Asselin, Chief, Dynamical Prediction Research; Ian Rutherford, Roger Daley and William Creswick of the Dynamical Prediction Research Division.

Apart from a review of progress and problems in numerical weather prediction there will be papers on the performance of a spectral forecast model, results of multivariate statistical objective analyses, and medium range (2-7 days) numerical prediction.

There will be some 15 to 20 papers presented at the Seminar during the five days which will leave plenty of time for the informal discussion and interaction which has been the hallmark of the Stanstead Seminar over the years.

Most of the participants will be housed in the residence of Bishop's University although alternate accommodations in the surrounding area can be arranged.

For further information contact:

Professor P.E. Merilees
Department of Meteorology
Burnside Hall
P.O. Box 6070
Montreal, Quebec H3C 3G1
Tel: 1-514-392-4462

OTHER CONFERENCES

The Canada Centre for Inland Waters is organizing an "International Symposium on Environmental Biogeochemistry" to be held April 8-11, 1975. An impressive list of leading scientists from all parts of the world will be present.

The Third Workshop in Atmospheric Acoustics under the joint sponsorship of AES and York University will be held at York University, Toronto, June 24-27, 1975.

The Fourth Conference on Probability and Statistics in Atmospheric Science, organized by the AMS Committee on Probability and Statistics will be held in Tallahassee, Florida, November 18-21, 1975. Titles and abstracts should be sent to: Thomas A. Gleeson, Department of Meteorology, Florida State University, Tallahassee, Fla. 32306, before May 29.



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THIS COMPETITION IS OPEN TO BOTH MEN AND WOMEN

FORESTRY - METEOROLOGY SCIENTIST

Forest Fire Research Institute
Department of the Environment
Ottawa

Salary up to \$27,280

To define problems in the area of meteorological and other influences on forest fire behaviour and forest fire ecology; to plan and conduct research to solve these problems using computer research techniques where necessary; to prepare specifications for and to supervise contracts with other agencies for portions of the project. Doctorate degree in Forestry or meteorology or related science with knowledge of the principles of forest meteorology and forest ecology, particularly, the physical and ecological effects of forest fire and its relation to meteorology. Knowledge of English is essential.

How to Apply: Forward "Application for Employment" (Form PSC 367-4110) available at Post Offices, Canada Manpower Centres and offices of the Public Service Commission of Canada (a résumé may be included as part of the application) to: Sciences and Technology Program, Public Service Commission of Canada, Tower "A", Place de Ville, Ottawa, Ontario K1A 0M7.

Please quote competition number: 75-STP-32P-5(82) on all correspondence.

Appointments as a result of this competition are subject to the provisions of the Public Service Employment Act.

W.S. Creswick
Editor, C.M.S. Newsletter