

## Meetings

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## Meetings

*L'ASSOCIATION QUEBECOISE DE TELEDETECTION - 2e CONGRES*  
Université de Sherbrooke, Sherbrooke, Québec, 3 et  
4 Mai, 1979

Le deuxième Congrès de l'association québécoise de télédétection aura lieu à Sherbrooke, Québec, les 3 et 4 mai 1979. Toutes les personnes oeuvrant dans le domaine de la Télédétection ou utilisant des techniques de Télédétection dans d'autres disciplines sont invitées à soumettre des communications faisant état de leurs travaux.

Le Congrès de 1979 aura pour thème les applications de la Télédétection qu'elle soit aérienne, spatiale ou au niveau du sol au territoire québécois dans quatre groupes de disciplines:

- 1) Ressources en eau
- 2) Agriculture foresterie
- 3) Géomorphologie et pédologie
- 4) Qualité de la vie, énergie et environnement humain.

The second congress of the Quebec Remote Sensing Association (Association Québécoise de Télédétection) will be held in Sherbrooke, Québec, May 3rd and 4th 1979. All people involved in Remote Sensing, or using Remote Sensing techniques in other branches are invited to submit proposals for papers.

The theme will be applications of airborne, spaceborn or ground level remote sensing to Quebec territory, in four discipline groups:

- 1) Water resources
- 2) Agriculture and forestry
- 3) Geomorphology and pedology
- 4) Energy, Quality of life and human environment.

*LES CONTAMINANTS IN THE ENVIRONMENT* - Conference  
May 14 and 15, 1979, Québec City, Québec

(Québec City) The Department of Environment Canada, will host a conference concerning contaminants in the environment "Les contaminants dans l'environnement" at the Château Frontenac Hotel in Quebec City, the 14th and 15th of May 1979.

The conference will provide a discussion forum for professionals in the environment field. The working language of the conference will be French, however, simultaneous English language translation will be available.

There will be four sub-themes: 1) distribution of contaminants in the atmosphere; 2) contaminants in the aquatic and terrestrial environment; 3) contaminants and food; 4) contaminants and human health.

Conference participants are also invited to take part in field day on May 16th at the Cap Tourmente National Wildlife Area. Located approximately 50 kilometers east of Quebec City, the Wildlife Area is one of the most attractive and interesting of

the Canadian Wildlife Service's national network.

The organizing committee is chaired by Mr. Claude Triquet, Inland Waters Regional Director, Environment Canada, Quebec City. You can write him at P.O. Box 10100, 2700 Laurier Blvd., Ste-Foy, Quebec, G1V 4H5. His phone number is (418) 694-3921.

Source: Jacques Babin  
Regional Information Officer  
Environment Canada  
Quebec  
(418) 694-3964

*WETLAND AND ESTUARINE PROCESSES AND WATER QUALITY MODELLING* - Workshop, June 18-20, 1979.

The U.S. Army Corps of Engineers, Waterways Experiment Station, Vicksburg, Mississippi, is sponsoring a workshop on wetland and estuarine processes and their relationship to mathematical water-quality modelling. The workshop will be held June 18-20, 1979 at New Orleans, Louisiana.

The objective of the workshop is to assess our present understanding and ability to quantify important wetland and estuarine processes. Topics to be discussed include estuarine circulation, sediment transport processes, and biological and chemical aspects of wetland-estuarine coupling. The ability to mathematically model these complex systems will be the workshop theme with emphasis on water quality.

Attendees will be limited in number in order to promote exchange of ideas in a workshop setting. Interested persons are invited to submit presentations of recent research, both theoretical and experimental, which fit the objective of the conference. Proceedings of the workshop will be published. Manuscripts will be required to be submitted to the organizers by May 25. The workshop will include invited review papers by eminent specialists.

Abstracts of papers should be submitted to:

Dr. Peter Hamilton  
Science Applications, Inc.  
4900 Water's Edge Drive, Suite 255  
Raleigh, N.C. 27606

*ASSOCIATE COMMITTEE FOR RESEARCH ON SHORELINE EROSION AND SEDIMENTATION*

A new Associate Committee of the National Research Council of Canada met for the first time on January 18, 1979 in Ottawa. It is the Associate Committee for Research on Shoreline Erosion and Sedimentation, ACROSES for short.

As its name suggests, the Committee seeks ways of reducing or preventing the loss of land by erosion of Canada's lake and ocean shores, and ways of reducing the accumulation of sediment in harbours along these same shores. It will encourage Canadian research in these fields and promote collaboration among institutions and disciplines.

The Committee, which has been given an initial three-year mandate, is made up of representatives of industry, the universities and government from across Canada (membership list attached). The Chairman is Dr. T. Milne Dick, of the Canada Centre for Inland Waters.

In its first meeting, the Committee agreed to hold a conference on Canada's coastal problems, and set itself the immediate task of determining the form and range of those problems. The Associate Committee members are:

Dr. T.M. Dick, Chairman,  
Hydraulics Research Division,  
Canada Centre for Inland Waters.

Mr. R. Boivin,  
LaSalle Hydraulic Laboratory.

Dr. A.J. Bowen,  
Department of Oceanography,  
Dalhousie University.

Dr. D.E. Buckley,  
Atlantic Geoscience Centre,  
Bedford Institute of Oceanography.

Mr. D. Hay,  
Western Canada Hydraulics Laboratory Ltd.

Dr. J.W. Kamphuis,  
Department of Civil Engineering,  
Queen's University.

Mr. K.W. Lathem,  
Crysler & Lathem Limited.

Mr. F.C. Leighton,  
Swan Wooster Engineering Co. Ltd.

Dr. Y. Ouellet,  
Department of Civil Engineering,  
Laval University.

Mr. M.W. Paul,  
Marine Directorate,  
Public Works Canada.

Mr. J. Ploeg,  
Division of Mechanical Engineering,  
National Research Council of Canada.

Mr. R.H. Smith,  
Coast Guard Waterways Development,  
Transport Canada.

The National Research Council Associate Committee for Research on Shoreline Erosion and Sedimentation is compiling a mailing list. It seeks the names and addresses of people and organizations concerned about the erosion of Canada's lake and ocean shores and the infilling of harbours along these same shores.

The first thing to go out to the mailing list will be a short report on the present state of knowledge of the causes and solutions of coastal erosion and sedimentation. A brief questionnaire will be included. The Committee hopes to be able to issue

newsletters in the future.

For more information or to be put on the mailing list, please contact the Secretary of ACROSES.

Mr. D.H. Willis  
Division of Mechanical Engineering  
National Research Council of Canada  
Ottawa, Ontario  
K1A 0R6  
Telephone: (613) 993-9201

CANADIAN COASTAL CONFERENCE - April 23-25,  
1980, Burlington, Ontario  
(Associate Committee for Research on Shoreline  
Erosion and Sedimentation (ACROSES))

Time: 23, 24, 25 April 1980

Place: Canada Centre for Inland Waters,  
Burlington, Ontario.

Purpose: ACROSES believes that scientific research underway in Canada related to the processes affecting movement of nearshore coastal sediments needs to be better known and appreciated. We further believe that coastal problems in Canada are unique and that the necessary knowledge to understand and solve them cannot be imported.

This will be a multidisciplinary Conference. Scientists and engineers are warmly invited to attend, to present their ideas and to discuss with others their concerns and goals.

Format: The Conference time will be divided between technical sessions and workshops. The technical sessions will consist of the formal presentation and discussion of technical papers on research, projects, or case studies.

The workshops will be more informal. Each participant will be asked to give a written submission and an oral presentation, maximum ten minutes including discussion, outlining the work of his or her institute or company in the field of shoreline erosion and sedimentation.

Topics: The Conference will consider the following aspects of shoreline erosion and sedimentation:

Waves, Currents and Sediment Transport: including onshore-offshore transport, beach forms and profiles, alongshore transport, sediment concentrations, measuring and estimating littoral drift, modelling.

Nearshore Geology: including shore evolution, geotechnical parameters in nearshore studies, dating sediments, soft shores and bluffs, use of physical models for geological processes.

Ice: including effects of permafrost, ice effects on shore profiles and erosion, northern shores.

Interference by Man: interaction of structures such as groynes, sea walls and jetties with the shore, artificial beach nourishment, nearshore dredging, effects of recreational use on shore stability, artificial islands.

Other Related Factors: for example, the collection and analysis of data.

Call for Papers:

1. Technical Papers - Technical papers should contain new information and be of significance or relevance to coastal problems in Canada. Papers for inclusion in the Conference will be selected on the basis of abstracts, in order to ensure even coverage of the Conference topics. Abstracts should be received by the Conference Chairman no later than September 28, 1979. Authors whose abstracts have been selected will then be asked to submit their full papers, maximum 10 pages including diagrams, by March 28, 1980 for publication in the Proceedings.

2. Workshop Summaries - Every participant is asked to submit a summary of the work of his or her institute or company in the field of shoreline erosion and sedimentation, to be received by the Conference Chairman no later than March 28, 1980. Maximum length will be 2 pages including diagrams.

Send abstracts, papers and summaries to:

Dr. T.M. Dick, Chairman,  
Canadian Coastal Conference 1980,  
Canada Centre for Inland Waters,  
P.O. Box 5050,  
Burlington, Ontario  
L7R 4A6

CONFÉRENCE CANADIENNE SUR LE LITTORAL TENUE EN 1980  
Comité Associé de la Recherche sur L'érosion  
des Rivages et L'ensablement (CARERE)

Époque: 23, 24 et 25 avril 1980

Lieu: Centre canadien des eaux intérieures,  
Burlington, Ontario

Objectif: Le CARERE juge qu'il est nécessaire de mieux connaître et apprécier la recherche scientifique et technique actuellement en cours au Canada, relativement aux processus qui régissent le mouvement des sédiments littoraux. En outre, nous croyons qu'au Canada, les problèmes qui concernent le littoral sont uniques, et que les connaissances qui serviront à les comprendre et à les résoudre ne peuvent venir de l'extérieur.

La présente conférence est pluridisciplinaire. Savants et ingénieurs sont cordialement conviés à assister à cette conférence, à présenter leurs idées, et à débattre avec d'autres personnes leurs objectifs et leur préoccupations.

Format: Le temps consacré à la conférence consistera en sessions techniques et en ateliers. Les sessions techniques comprendront la présentation formelle et la discussion des articles techniques traitant des recherches, des projets, ou bien des études de cas particuliers.

Les ateliers auront un caractère moins officiel. On demandera à chaque participant de soumettre un rapport écrit et aussi de faire l'exposé oral, d'au maximum 10 minutes, comportant une discussion, et

l'exposé des travaux de recherches qu'effectuent son institut ou sa compagnie, dans le domaine de l'érosion et de l'ensablement des rivages.

Sujets de Discussion: Au cours de cette conférence, on examinera les aspects suivants de l'érosion et de l'ensablement des rivages.

Vagues, courants et transport des sédiments: transport des matériaux vers le rivage et au large, profil et configuration des plages, transport parallèle à la côte, concentration des sédiments, mesures et estimations de la dérive littorale, modélisation.

Géologie littorale: évolution du littoral, paramètres géotechniques qui jouent un rôle dans les études du littoral, datation des sédiments, rivages peu résistants à l'érosion, falaises, utilisation de modèles physiques pour l'étude des processus géologiques.

Glacé: effets du pergélisol, action de la glace sur le profil du littoral, son influence sur l'érosion, rivages septentrionaux.

Modifications introduites par l'homme: modifications du littoral par des structures telles qu'épis, brise-lames, jetées, engraissement artificiel des plages, dragage du littoral, conséquences de l'utilisation des plages comme sites récréatifs pour la stabilité du littoral, îles artificielles.

Autres facteurs connexes: par exemple, la collecte et l'analyse des données.

Production des Documents:

1. Articles techniques - Les articles techniques doivent contenir des éléments nouveaux, et être de quelque importance ou utilité, en ce qui concerne les problèmes d'érosion et d'ensablement du littoral au Canada. Pour cette conférence, on choisira les articles en fonction des résumés présentés, pour que soient également couverts tous les thèmes de discussion présentés. Les résumés doivent parvenir au président de la conférence le 28 septembre 1979 au plus tard. Les auteurs dont les résumés auront été sélectionnés devront alors soumettre leurs articles au complet d'ici le 28 mars 1980, afin qu'ils soient publiés dans les procès-verbaux; ces articles devront avoir un maximum de 10 pages, y compris les diagrammes.

2. Résumés des ateliers - Chaque participant devra soumettre un résumé des travaux de son institut ou de sa compagnie, dans le domaine de l'érosion et de l'ensablement du littoral; le résumé devra parvenir au président de la conférence le 28 mars 1980 au plus tard. Il ne devra pas dépasser 2 pages, y compris les diagrammes.

Vous êtes priés d'envoyer les résumés, articles et sommaires à l'adresse suivante:

Dr. T.M. Dick, Président,  
Conférence canadienne sur le littoral 1980,  
Centre canadien des eaux intérieures,  
Boîte Postale 5050,  
Burlington, Ontario  
L7R 4A6