

# The Canadian Association for the Club of Rome

## Personal Recollections of its History

by

J. Rennie Whitehead

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### Introduction

The Canadian Association for the Club of Rome was created in the early 1970s as national parallel to the international Club of Rome.

Very briefly, the ideas underlying the establishment of the Club of Rome itself<sup>1</sup> were launched by Aurelio Peccei, an Italian industrialist who voiced his concerns regarding overpopulation, gross abuse and desecration of the environment and many other global problems with which we are only too familiar today. The initiative for a renewed, systematic effort to address the issues raised came to fruition as a result of Peccei's collaboration with Alexander King, a distinguished English chemist, who was at the time Director General of Science and Education of OECD, in Paris. The inaugural meeting of Peccei and King with like-minded international colleagues was held in 1968 at the Academia Lincei in Rome where the group was spontaneously named "The Club of Rome".

### Early Links with Canada

Aurelio Peccei had first visited Canada in June 1969 with Alex King for preliminary discussions about the possible participation of Canadians in the Club of Rome. Informal meetings were arranged initially with a few interested individuals and with the Prime Minister and his staff. On their return to Europe the proponents of the Club of Rome met in Alpbach to discuss the formulation of a "problematique" – a list

<sup>1</sup> For a more detailed personal account of the history of the Club of Rome see "A Brief History of the Club of Rome" by the Author. CACOR Proceedings 1.9, March 1994.

of global problems of concern to them. This eventually led to a meeting in Vienna in December of that year at which it was decided to incorporate the Club of Rome formally as a non-profit organization

Peccei's next visit to Canada followed very soon, He was again accompanied by Alex King. The only record of that visit to hand is in a treasured copy of his book *The Chasm Ahead*, inscribed with the words: *To Rennie Whitehead, as a token of deep appreciation and in the hope that the dreams we are designing may come true in a very near future, January 5<sup>th</sup> 1970. Aurelio Peccei*, which he presented during his stay in our home. Peccei and King were introduced to a number of individuals inside and outside government. Alex King was no stranger to Canada and he as well as Peccei arranged a number of independent informal meetings with people he already knew in order to get a feel for the kind of moral and financial support that might be forthcoming for a program designed to address the global problems which had been identified..

On the occasion of this visit, a small dinner meeting for King and Peccei with Prime Minister Trudeau was also arranged. It was evident that Trudeau already shared some of their concerns about the future and was in sympathy with the aims of the Club.

After dinner, Trudeau led a prolonged discussion of the problems perceived by Peccei and King and the role of a Club of Rome. The group included; among others: Marc Lalonde, the Prime Minister's Principal Secretary at the time, who later became a Minister in the Federal Government of Canada; Michael Pitfield, Senator Maurice Lamontagne, who established the Senate Committee on Science Policy; Jean Chrétien, later to become Prime Minister of Canada; Pierre

Gendron, President of the Pulp and Paper Research Association in Montreal; and Bill Stadelman, President of the Ontario Research Foundation; and some others.

It may be of interest to note that it was about this time, a month or so after the Club of Rome was incorporated, that Gendron, Stadelman, Lamontagne and the Author became the first Canadian Members of the Club of Rome. (Fritz Böttcher of the Netherlands, who held a similar position in his own country to that of the Author in Canada, became a member about the same time).

During their visit to Canada, Peccei and King also had lunch at Rideau Hall with Governor General Michener who showed himself extremely interested in the objectives of the Club of Rome. This resulted in his becoming a very active member of the Board of Directors of CACOR a few years later, after his term expired at Rideau Hall. The Board of Directors often met in his offices in Toronto in the mid-1970s. The meetings in Ottawa greatly helped to smooth the way when, in the following years, government support was sought for the sponsorship of certain Club of Rome projects, and to host a full meeting of the international Club of Rome (Montebello, 1971)

## **The Canadian Association**

From the beginning, the founders of the Club of Rome had encouraged the idea of developing parallel national, regional and local organizations with similar aims and having a loose, independent relationship with the Club of Rome itself and with each other. In view of Canada's close relationships with Peccei, King and the Club of Rome, it is not surprising that Canada was one of the first countries to establish a National Association. So a Canadian Association for the Club of Rome (CACOR) began to exist, albeit informally, in January 1970.

Canada and Japan as two of the first countries to create such "Associations for the Club of Rome" were also, quite naturally among the first countries to host full meetings of the Club of Rome (Canada in 1971 and Japan in 1972).

While the Canadian Association for the Club of Rome (CACOR) existed informally in the early '70s, it was not incorporated until 1974. It was the need to collect membership fees to defray even the minimum costs of meetings that led to the decision to apply for incorporation as a non-profit organization in Canada.

## **Incorporation**

The Canadian Association for the Club of Rome (CACOR) was formally created at an "organizational meeting" on 2-3 May, 1974. The following are extracts from the Proceedings of that meeting:

*"At the invitation of Canadian Members of the Club of Rome, a group of interested individuals assembled at the Airport Hotel, Toronto, Ontario on 2-3 May, 1974, where it was decided to form the Canadian Association for the Club of Rome."*

*"The six Canadian Members<sup>2</sup> of the Club of Rome (C of R) considered that an association for the Club of Rome should be formed in Canada..... Discussions led to the decision to call a meeting of interested individuals for the purpose of forming a Canadian Association for the Club of Rome. The program for this meeting was arranged by Dr. J. Rennie Whitehead and administrative arrangements were carried out by Mr. William Stadelman for a meeting to be held in the Airport Hilton Hotel, Toronto, on 2-3 May, 1974. Dr. Aurelio Peccei and Dr. Alexander King, Members of the Executive Committee of the Club of Rome were invited to attend."*

*"The meeting convened at 0930 hours under the Chairmanship of Dr. J. Rennie Whitehead who, in his opening remarks, read a letter from the Prime Minister expressing best wishes for the success of the meeting."*

Aurelio Peccei and Alex King spoke to the meeting at length, describing the objectives of the Club of Rome, welcoming the Canadian initiative and pledging their support. Papers were also presented by Prof. Kimon Valaskakis, Dr. Y.G. Bajard, Prof F. Eric Burke, Mr. W.H.C. Simmonds, Prof Leon Katz, Dr. G.R. Lindsey, Mr. J. Miedzinski, Mr. John Profit and Mr. David Spurgeon. 57 people attended the meeting (see Annex 1).

The Directors who were elected at the business meeting which followed were:

- Dr. Pierre Gendron, *Chairman*
- Mr. Robert Fowler, *Vice-Chairman*
- Hon. Maurice Lamontagne
- The Rt. Hon Roland Michener, *Vice-Chairman*
- Mr. Ronald S. Ritchie
- Dr. William Stadelman
- Dr. Robert J. Uffen, *Secretary-Treasurer*
- Dr. J. Rennie Whitehead.

<sup>2</sup>. The six were: Dr, Pierre R. Gendron, Senator Maurice Lamontagne, Mr. Ronald S Ritchie, Mr. William Stadelman, Dr. J. Rennie Whitehead, Dr. Robert, J. Uffen.

## Objectives

From the beginning, the Canadian Association, like those in other countries, has been independent of and parallel to the Club itself. Its objects listed in the original Charter include the following paragraph:

*"To promote study and discussion among all segments of the Canadian Public of the nature of world problems and the need to develop new policies, attitudes and courses of action to ensure a stable future for mankind and to cultivate a new humanism that will contribute to world peace, social justice and individual well-being".*

A more recent Statement of Purpose<sup>3</sup> reproduces the relevant part of the Charter and adds the following rationale:

*"The confrontational nature of national and international life today does not encourage sober reflection. Conventional institutions are often slow and inadequate to meet the challenges of tomorrow. Society today is better geared to the demands of the electoral cycle and the near horizons of the market place with results that are often disappointing, when not actually counterproductive. There is a need for an independent effort, free from the vested interests of politics, business or even academia, to foster in decision-makers and the public a more profound understanding of global problems and a greater awareness of the need for and the implications of change".*

Since that time, Associations have been established in about 28 countries, including Russia and Ukraine.. Many have been active in holding symposiums, sponsoring projects and publications and, in some cases, cooperating with activities in other countries.

## Achievements

### The Limits to Growth

The (then still informal) Canadian Association for the Club of Rome catalyzed the funding by the Canadian Government of the Montebello Meeting of the Club of Rome at which the Meadows' *Limits to Growth*<sup>4</sup> proposals were first presented to a full meeting of members from many countries. It was an extremely

<sup>3</sup> Annex 2

<sup>4</sup> *The Limits to Growth*: by Meadows. Universe Books, (1972)

successful meeting, which helped CACOR obtain government funds for other Club of Rome projects.

### Beyond the Age of Waste

CACOR also arranged the funding of the travel of world experts in the course of the preparation of the Club of Rome project which resulted in the book *Beyond the Age of Waste*<sup>5</sup>. Two distinguished members of the Club of Rome, Umberto Colombo and Dennis Gabor acted as rapporteurs at meetings of these experts in various parts of the world and wrote the book on the basis of their notes. The author participated in several of these meetings.

### Catastrophe – or New Society

CACOR catalyzed some funding for a South American study *Catastrophe or New Society – A Latin American Model*<sup>6</sup> which was ultimately published by the International Development Research Centre in Ottawa.

### Forum Humanum

Aurelio Peccei was continually disappointed that so few young adults seemed to be willing to make a serious commitment to the creation of the future. In the late 1970s he decided to try to establish a new project which would fund groups of young people to develop and express their ideas on the subject. The project came to be called *Forum Humanum*. It foresaw the establishment of a network of research centres in which young people could discuss what futures were possible. Several meetings were held but the project was perpetually hampered by lack of funds and, ultimately by Peccei's death.

### Global 2000 – Implications for Canada

In response to directive from President Carter a study entitled *Global 2000* was developed in the United States to assess the probable changes in the world's population, natural resources and environment through the end of the century as a foundation for long-term planning. *The Global 2000 Report to the President* took 3 years to complete and was published in mid-1980.

<sup>5</sup> *Beyond the Age of Waste*: by Gabor, Colombo, King and Galli.

<sup>6</sup> *Catastrophe or New Society*, IDRC Ottawa (1976)

Following the publication of that report the Canadian Association approached the Author, Gerald Barney, to develop an outside point of view of its implications for Canada. Comparisons were also to be made with certain Canadian studies. Tom de Fayer, one of the most active members of CACOR was instrumental in getting Environment Canada to take the initiative to secure the requisite funding of the research of Barney and his Associates, with contributions from other Government Departments, viz. those dealing with agriculture, industry trade and commerce as well as Statistics Canada and the Canadian International Development Agency (CIDA). CACOR itself arranged additional funding from private sources to enable the work to be published in book form as *Global-2000 - Implications for Canada*<sup>7</sup>. Presentation copies were produced for all the sponsors who included:

- The Alberta Gas Trunk Line Company Limited
- Dofasco Inc.
- Domtar Inc.
- The Royal Bank of Canada
- The Seagram Company
- Thorne Riddell & Co.
- Canadian Pacific Ltd.

## Symposiums and Meetings

It is the tradition of the Canadian Association to hold an Annual Symposium on a topical theme which is frequently chosen to set Canadian issues in a global context. It is usually combined with the Annual General Meeting (AGM) that is required by statute. A list of these AGM - Symposiums is given in Annex 3.

Unfortunately, mainly because of cost considerations, recent years have seen a steady decline in long-distance travel and the Association has become more and more centred on the Ottawa-Montreal-Toronto triangle and even on Ottawa itself. However the Association Luncheon Meetings, organized by Drew Wilson, which are held in Ottawa several times a year, have been increasingly successful and could form a pattern for other centres. A list of recent luncheon meetings is given in Annex 4. Meetings of the Board of Directors are held several times a year.

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<sup>7</sup>. *Global-2000 - Implications for Canada*; Gerald Barney et al, Pergamon Press 1984. (© Environment Canada).

## Newsletter and Proceedings

A CACOR newsletter was issued by directive of the Board in the first year of the association's existence. It was referred to in the minutes of the CACOR Board Meeting on 24 June, 1974, as follows. "Dr. Whitehead will prepare a newsletter reporting on the 2 May Meeting and the 24 June Meeting and any related activities". At the Board Meeting on 29 October, 1974, it was agreed that copies of CACOR newsletters would be sent to Aurelio Peccei. Several newsletters were produced in that first series.

A substantial and very successful new series of newsletters was produced by Tom de Fayer in the late 1970s until his retirement in the early 1980s.

The present series of newsletters was initiated in 1987. They are edited and produced by the author and have appeared regularly since 1987 at approximately quarterly intervals. A *Proceedings*, carrying longer articles than the *Newsletter*, was added early in 1991. It is also a quarterly production. Thanks to computer technology, the appearance of these publications has steadily improved. The increased level of discussion within CACOR is reflected in their pages.

The CACOR *Newsletter* and *Proceedings* help to keep distant members informed and able to participate in discussions, if only by mail. They are still distributed to all CACOR Members, to the Chairmen of National Associations for the Club of Rome throughout the world and to the President and Secretariat of the Club of Rome..

## Recent Projects

At the Annual General Meeting of CACOR, on September 18, 1991, it was agreed that three working groups would be established to try to establish means to assist mankind in resolving the dilemma that has been called the World Problematique.

The three working groups were given the following broad mandates:

- Working Group #1: To develop a listing of impediments to resolution of the Global Problematique.
- Working Group #2: To develop options to overcome the impediments identified by Working Group #1
- Working Group #3: To develop a recommended integrated plan to resolve the Problematique. This

ambitious strategic plan is intended to possibly form the backbone of future submissions made by the Association to decision-making authorities.

Working Groups #1 and #2 reported to the Annual General Meetings in 1992 and 1993. The reports were published in the CACOR *Proceedings* as follows:

- *Report to the Canadian Association for the Club of Rome* by the Impediments Working Group #1 (Art Hunter, Ian Nalder, Ron Manchec, Alan Jones); dated 22 December, 1991. *Proceedings* Volume 1 Number 2, March, 1992.
- *Optional Strategies to Address the World Problematique*. A Report to the Canadian Association for the Club of Rome by the Chairman and Members of Working Group #2 (W.R. Dobson, E.W. Manning and J. Maini); *Proceedings* Volume 1 Number 4, October, 1992.

## The 5000 Days

An important educational project was introduced in the University of Guelph a few years ago. It was called "The 5000 Days" because, at the time, there were approximately 5000 days left in this century. The course starts from the premise that "if present trends continue over the next two decades the world will become increasingly more crowded, more vulnerable to disruption, more polluted and less ecologically stable" The course provides the data and analyses all the main issues of the global problematique. It is offered to a wide range of students by distance education.

The course is a product of the University of Guelph, Ontario and is independent of the Association. It was, however catalyzed by another very active member of CACOR, Ken Hammond. CACOR, maintains close links with the course through Ken Hammond and through Alan Watson, Director of the Arboretum and Jane Dougan, both of whom are also CACOR members.

## Errata

The Editor apologises for the following errors on dates in his article *Brief History of the Club of Rome* in the March *Proceedings*:

- p. 14 Col. 1, 6 lines from bottom should read 1967-68  
p.15 Col. 2, 4 lines from bottom should read 1970.

## Current Projects

The nucleus of a Working Group #3 on the creation of a strategic plan was put in place in late 1993. N. Németh is coordinating a preliminary study.

Another working group has put a great deal of effort into the definition of a computer modelling project which is now regarded as a major initiative to be launched as an administratively independent project, while still under the auspices of CACOR.

To quote the introduction to a paper in the *Proceedings* No. 1.7 for September, 1993,

...*(the Computer Modelling Project) advocates the use of global modelling tools as a means of expanding our collective capacity for perception. What is proposed is not the development of another model but the establishment of a process consisting of the design and use of modelling tools to further the explication and communication of understanding, and thereby facilitating both individual and societal action. The proposed approach builds upon previous experience using modelling as a means of communications and seeks to take advantage of scientific and technological advances of the past decades.*

The CACOR Global Modelling Group consists of: Bob Fletcher (Chairman), Paul Baack, Robert Hoffman, Art Hunter, Stan Isbrandt, Allan Jones, Max McConnell (Secretary), Ian Nalder and Ed Napke.

## The Future

While the membership of the Association and its Board has changed over the years, there is a strong thread of continuity provided by a number of current members (and Board members) who actively participated in the founding meeting in 1974.

Now that the Club of Rome itself is more highly organized there is a move towards the regimentation of the National Associations as subsidiary bodies or "chapters" of the Club itself. Such a concept might have been repugnant to Aurelio Peccei. It still remains to be seen how this idea will develop.

## Membership Fees

The Membership Fee was set at \$50 in 1974 and was not increased until 1993. It is now \$60. It is the only source of income for general activities, including the production and mailing of the CACOR publications. There are approximately 65 members (1993-94). The Luncheon Meetings and the Annual Symposia are arranged to be approximately self-financing by means of a registration fee

for each event. Major projects will require special funding from governments or the private sector.

## Archives

A fairly comprehensive collection of Archives of the Canadian Association for the Club of Rome is maintained in the Arboretum of the University of Guelph from which the "5000 days" project is run.

## Annex 1: Chairmen of CACOR 1974-94

- 1974-76: Pierre R. Gendron
- 1976-79: J. Rennie Whitehead
- 1979-80: W.R. Stadelman
- 1980-83: Ronald W. Ritchie
- 1983-84: T. Ran Ide
- 1984-85: Michael J.R. Kirby
- 1985-88: Beatrice Bazar
- 1988-90: Erik Solem
- 1990-93: C.R. (Buzz) Nixon
- 1993.....: W.R. (Bob) Dobson

## Annex 2

### Statement of Purpose

The Canadian Association for the Club of Rome (CACOR) was established at an inaugural meeting held in Toronto in the Fall of 1973. The objects of the Corporation were then stated as follows:

- a) *to promote study and discussion among all segments of the Canadian public of the nature of world problems and the need to develop new policies, attitudes and courses of action to ensure a stable future for mankind; and to cultivate a new humanism that will contribute to world peace, social justice and individual well-being."*
- b) *to stimulate and conduct study and research into problems of human well-being and future survival, and the interactions and interdependence of such problems, to better understand the workings of the world as a finite system and to suggest alternative ways to meet critical needs."*
- c) *to assess Canada's situation and identify any particular and specific aspects of it that may affect or be affected by world problems and to determine the implications for Canada of possible world solutions; to be a catalyst in seeking solutions and in the identification of*

*Canada's possible roles and to promote their implementation."; and:*

- d) *in furtherance of the objects aforesaid, to solicit, receive and accept subscriptions, gifts, legacies, bequests, grants and other contributions."*

Membership of the Association was restricted to 100 individuals, many of them prominent in government, academic or business circles.

The world has undergone drastic changes since the Club of Rome was conceived by Aurelio Peccei, in 1968 but, like the Club of Rome which it parallels, CACOR continues to encourage studies of the world problematique. In the case of the Association, it concentrates particularly on those issues that affect Canadian interests and on those global problems to which Canadian efforts can make a contribution.

The confrontational nature of national and international life today does not encourage sober reflection. Conventional institutions are often slow and inadequate to meet the challenges of tomorrow. Society today is better geared to the demands of the electoral cycle and the near horizons of the market place, with results that are often disappointing, when not actually counterproductive. There is a need for an independent effort, free from the vested interests of politics, business, or even academia, to foster in decision-makers and the public a more profound understanding of global problems and a greater awareness of the need for and the implications of change. Therefore, the Association urges its Members and its constituency to:

**adopt a global perspective.** Most of today's predicaments are beyond the capacity of one country to resolve. Issues must be examined in the full awareness of the increasing interdependence of nations  
**think holistically.** It is essential to seek a deeper understanding of the interactions of social, technological, resource, environmental, political and other issues.

**view issues in the long-term perspective.** Encourage decision-makers to have the courage to make their short-term decisions consistent with declared long-term objectives, even if this conflicts with their efforts to stay in power or to make personal or corporate gains. Policies should not merely react to social, economic or technological pressures, but should reflect a vision of the long-term future.

## Annex 3

### CACOR Annual Symposia and AGMs

- **Organizational Meeting and first Symposium 2-3 May, 1974**
- **Second CACOR Symposium and AGM: May 1975:**
  - Clive Simmonds Reported on "Time for a new set of goals"
  - Leon Katz proposed "An experiment regarding the sponsorship of a small meeting with philosophers, theologians and historians at which moral and ethical issues might be discussed".
  - Senator Lamontagne foresaw the creation of a "Futures Institute".
  - Bob Uffen suggested the time was ripe for the exploitation of the modelling methodology of Mesarovic and Pestel in a Canadian context.
- **Third CACOR Symposium and AGM: June 76:**  
Theme: "Long-Term Forward Planning and Consensus in Modern Society".
- **Fourth CACOR Symposium and AGM: May 1977:**  
Theme: "The Nature of Growth in Modern Society"
- **Fifth CACOR Symposium and AGM:....April 1978:**  
*Symposium On Global Modelling.*
- **Special Symposium August, 1978:** "Shaping the Future" (in cooperation with other groups).
- **Sixth CACOR Symposium and AGM:....May, 1979:**  
"Canada's Future: Emerging Options".
- **Seventh CACOR Symposium and AGM:....October 1980:** "The Social Implications of Micro-Electronics".
- **Eighth CACOR Symposium and AGM: .November 1981:** *Global 2000 Symposium*
- **Ninth CACOR AGM: April 1983** Annual General Meeting only. (Proposed Symposium in Winnipeg cancelled).
- **Tenth CACOR Symposium and AGM: September 1984:** *Role of Citizens' Groups, Media, etc.*
- **Eleventh CACOR Symposium and AGM: 1985:** Small round table AGM
- **Special Workshop-Seminar June 1986:** "Global Interdependence and Foresight in Government.
- **Twelfth CACOR Symposium and AGM: Feb. 1987:** Review of Club of Rome issues and their relevance to Canada.
- **Thirteenth CACOR Symposium and AGM: Dec 1987:** "Energy as a Megatrend" etc.
- **Fourteenth CACOR Symposium and AGM: Dec 1988:** Reports on Club of Rome activities; CACOR activities and future plans.
- **Fifteenth CACOR Symposium and AGM: Sept. 1989**  
Guest Speaker: Hon. William Winegard, Minister of State for Science and Technology

- **Sixteenth CACOR Symposium and AGM June 1990:**  
Guest Speaker: Hon. David MacDonald, Chairman, Commons Standing Committee on the Environment 18.
- **Seventeenth CACOR Symposium and AGM: Sept. 1991** Education: Report on 5000 Days Program. Guest Speaker: Alexander King, President Emeritus of the Club of Rome
- **Eighteenth CACOR Symposium and AGM: Sept. 1992** Reports of Project Groups; Report on Rio Symposium. Guest Speaker: Fred W. Belaire, Atomic Energy of Canada Limited
- **Nineteenth CACOR Symposium and AGM: June 1993:** *Reports of Project Groups; Discussion "Where We're At"*. Update of 5000 DAYS. Guest Speaker: Victor Urquidi, Mexican Association for the Club of Rome
- **Twentieth Anniversary CACOR Symposium and AGM: June 1994:**

## Annex 4:

### Luncheon Meetings

The following is a partial list of CACOR luncheon meetings that have been held in recent years:

- **30 November 1989:** Speakers: George Kaye on *Decision Making on Global Problems* and Ambassador John McCordick on *Some Thoughts on Global Problem Situations*
- **8 February 1990:** Speaker: Robert J. Uffen on *Where Should We Be Going?* (A discussion of future policies for action regarding the World Problematique)
- **26 March 1990:** Speaker: C.R. (Buzz) Nixon on *The Origins of the Problematique*
- **24 April 1990:** Speaker: Lynn Burton on *The Green Plan and Global 90: A National Challenge*
- **29 May 1990:** Speaker: Ed Napke on *Looking Past the Media's Broken Glass Image of Some Eastern Block Countries*
- **7 November 1990:** Speaker: Arthur J. Cordell on *Media and Messages: CACOR and the Communications Media, Past, Present and Future*
- **6 December 1990:** Speaker: Jerzy A. Wojciechowsky on *The Ecology of Knowledge: Will Humanity Survive the Development of Knowledge?*
- **14 February 1991:** Speaker: Ian Burton on *Aurelio Peccei, 1991 Version*
- **7 March 1991:** Speaker: Digby J. McLaren on *Global Warming: The Canadian Position*
- **11 April 1991:** Speaker: Gail W. Stewart on *Overcoming Impediments to Action on the Problematique: What Might Need to be Done?*, with comments by Tom L. de Fayer
- **9 January 1992:** Speaker: J. A. (Art) Hunter on *Report on the First Stage of the Study of the World Problematique*
- **6 February 1992:** Speaker: Ian Nalder on *Updating the Limits to Growth*

- 19 March 1992: Speaker: Jeremy Wright on *The Economics of Sustainable Development: The Dawn of Caring*
- 22 April 1992: Speaker: Fred G. Thompson on *How Do We Resolve the Future? A Participatory Exercise*
- 16 June 1992:
  - Speaker: W. R. (Bob) Dobson on *Optional Strategies for the Future: Report on the Second Stage of the Study of the World Problematique*
- 22 October 1992: Speaker: H.F. (Bob) Fletcher on *Charting the Flip to Cognitive Clarity: A Further Exploration of our Perceptions of Environmental Change in the Solution of the World Problematique*
- 19 November 1992: Speaker: W.H. Clive Simmonds on *A NewWay for Canada: Do the Opposite*
- 19 January 1993: Speaker: N. (Fred) Németh on *Population Growth: A Need for Limits*
- 24 February 1993: Speaker: Panel Presentation led by H.F. (Bob) Fletcher on *Preliminary Report of the Global Modelling Project Group*
- 31 March 1993: Speaker: Jack Stagg on *Nunavut: Changing the Map of Canada*
- 12 May 1993: Speaker: Peeter Krnus on *The Technology/Society/Environmental Studies at Carleton University*
- 27 September 1993: Speakers: J. Rennie Whitehead on *The History of the Club of Rome and CACOR* and W.R. (Bob) Dobson on *Outline of CACOR's Upcoming Program*
- 25 October 1993: Speaker: C. H. Geoffrey Oldham on *The European Community Project on Science and Technology for the Eight Billion People in 2020*
- 22 November 1993: Speaker: Valerie Hume on *Women and Sustainable Development*
- 24 January 1994: (Dinner Meeting) Speaker: Hon. Charles Caccia, former Federal Minister of the Environment
- 21 February 1994: Speaker: Steven R. Roessler on *Aspects of Current Economic Development in India*
- 28 March 1994: Speaker: John J. Collins on *The Defence Science Advisory Board: Its Studies, Dealings and Concerns*
- 2 May 1994: Speaker: Ambassador Walther Lichem of the Republic of Austria on *Globalization and Democratic Political Processes*

### Acknowledgments.

This brief history would not be complete without a tribute to the contributions of John T. Bradley to the work of the Association. He negotiated the incorporation of CACOR and, as Secretary-Treasurer for many years, became a mainstay of the Association. The Author also gratefully acknowledges the help of Tom de Fayer, Fred Thompson, Clive Simmonds and Drew Wilson in the course of the preparation of this article.

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## The Newsletter and Proceedings

The following information should be useful to members or non-members who wish to submit material for publication

The masters for copying are prepared on a Northern Micro 486/66 DX/2 computer using DOS 6.2, Windows 3.1, Microsoft Word for Windows 6.0 and Microsoft Excel for Windows. It is a great convenience if material can be submitted on computer disk or by modem. Either 3.5" or 5.25" disks, high or low density are acceptable. The following formats are suitable on DOS formatted discs..

- ASCII text file
- Microsoft Word in Windows
- DOS Versions of Microsoft Word
- Word Perfect 5.0 or 5.1
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Hard copy is acceptable, *faute de mieux*, but only for the shorter contributions.. Phone or Fax it to the Editor on:

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Contributions may take the form of:

- News items of interest to Members
- Brief articles for the *Newsletter* (< 800 words, approx.)
- Longer articles for the *Proceedings* (> 800 words, approx.)
- Letters to the Editor
- Book Reviews
- Reports on meetings of other groups
- Announcements of meetings

