

local resource management, the need for international coordination and technology transfer, and a framework of international laws.

Numerous US and foreign agencies are participating in the Conference, of which the major topics have been placed in the following six categories (A–F):

- A-1 The Future of Energy, Transportation, and Mineral and Material Technologies
- A-2 The Future of Economic Development Activities
- A-3 Natural Resource Management and Reforestation
- A-4 Appropriate and Alternative Energy Planning
- A-5 The Future of Food and Agriculture
- B-1 National and Regional Efforts to Increase the Rate of Carbon Fixation
- B-2 International Actions to Coordinate Human Activities
- B-3 Cooperative Research — Adaptation of Technology and Mitigation of Environmental Issues
- C-1 The Earth's Surface Radiation Budget and Global Climate
- C-2 'Greenhouse Gas' Production in Nations and Regions
- C-3 Cloud Effects on Global Climate Change
- C-4 Regional Extreme Climatic Swings
- D-1 International Law Regarding Global Warming
- D-2 The Role of Higher Institutes of Learning in Solving Problems Relating to Global Warming
- D-3 Decision-making Under Scientific Uncertainty
- E-1 Microbiology and Health Effects Relating to Global Warming
- E-2 The Role of 'Greenhouse' Gases During the Evolution of Biological Species
- F-1 The Use of Remote Sensing in Global-change Research
- F-2 Global Change in the Polar Regions.

A 200 words' abstract of each proposed panel contribution should be sent to the Program Committee, Global Warming International Conference, SUPCON International, PO Box 5275, One Heritage Plaza, Woodridge, Illinois 60517-0275, USA (Tel. 708-910-1551, Fax: 708-910-1561). For technical questions about subject categories: In North America contact Dr Sinyan Shen at 708-910-1551 or Dr Thomas B. Cobb at 419-372-8207. In Europe contact Professor Roger H. Charlier, 2 Avenue du Congo (Box 23), B-1050 Brussels, Belgium; Professor Othmar Preining, Institute of Experimental Physics, University of Vienna, Strudlhofg. 4, A-1090 Wien, Austria (Tel. Wien 342630-214); Professor Gustaf Siren, Finnish Forest Research Institute, Union Street 40A, 01700 Helsinki, Finland. It is understood that the Proceedings of the Conference will be published in the *World Resource Review*.

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Important Prospect

INTERNATIONAL CONFERENCE ON 'ANTARCTICA, THE ENVIRONMENT, AND THE FUTURE', TO BE HELD IN THE UNIVERSITY OF GENEVA, SWITZERLAND, DURING 23 & 24 APRIL 1992

Organized jointly by the Geneva International Peace Research Institute (GIPRI) and the International Academy of Environment, this propitious Conference will be held in the Lecture Theatre, Science II, University of Geneva.

An eminent forum will consider the achievements and future prospects of Antarctic science, environmental protection under the new Protocol, due regulation of tourism, and the problem of over-fishing.

This event will be of concern to a wide range of specialists — not only scientists but also many involved in public administration, etc. It will be an outstanding opportunity for due consideration of Antarctica as a whole. The Conference fee will be 150 Swiss francs, or 25 Swiss francs for registered students who are particularly encouraged to attend. There will be a poster exhibition and simultaneous interpretation into English and French.

Speakers are planned to include Dr David Drewry, Director of the British Antarctic Survey, Cambridge, England; Dr Roger Gendrin, Director of the French Institute for Polar Research & Technology, Paris; Dr John Heap, until recently of the Foreign & Commonwealth Office, London, England; Dr Gotthilf Hempel, Director of the Alfred Wegener Institute, Bremen, Germany; Dr Karl-Hermann Kock, of the Institut für Seefischerei, Hamburg, Germany; Professor Bernard Stauffer, of the Physics Institute, Berne, Switzerland; and Dr Bernard Stonehouse, Editor of *Polar Record*, Cambridge, England. The Conference will be opened by the Rt Hon. Lord Shackleton, son of the late Sir Ernest Shackleton of Antarctic fame, who is expected to be present throughout.

On the first day of the Conference, a session on the so-called 'Ozone Hole' will be added to those of the speakers already announced, while on the second afternoon there will be a round-table with Intergovernmental Organizations and NGOs having relations with Antarctica. Lord Shackleton's participation will be singularly propitious as, following Arctic experience in his youth, he has long been active in Antarctic affairs; he has been to the South Pole, and led a faction in the House of Lords that recently persuaded the British Government *inter alia* to invest in a new icebreaker for Antarctica. Further information about the Conference may be obtained from the undersigned.

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