

Request for Ocean Circulation Studies

The appended Circular Letter, with a Recommendation of the WMO Commission for Atmospheric Sciences, has been received from the Secretary of the Intergovernmental Oceanographic Commission. It is submitted to the Hydrography Committee for information.

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION  
COMMISSION OCEANOGRAPHIQUE INTERGOUVERNEMENTALE  
COMISION OCEANOGRAFICA INTERGUBERNAMENTAL  
МЕЖПРАВИТЕЛЬСТВЕННАЯ ОКЕАНОГРАФИЧЕСКАЯ КОМИССИЯ

Unesco  
7, Place de Fontenoy  
75700 Paris  
téléphone : 566-57-57  
cable address; Unesco Paris

8 November 1974

Your reference :

In reply refer to: Circular Letter No. 492  
SC/91/4/10

To : Member States of the Commission.

cc : Chairman and Vice-Chairmen of the Commission.  
Scientific Advisory Bodies to the Commission.  
Secretary-General WMO.  
Dr. W.L. Godson, Chairman WMO Commission for Atmospheric Sciences.

Subject : Request for Ocean Circulation Studies

I have the honour to forward herewith a copy of a recommendation of the Sixth Session of the WMO Commission for Atmospheric Sciences, which was subsequently endorsed by the WMO Executive Committee at its twenty-sixth session in June 1974 (resolution 6 (EC-XXVI)). The Secretary-General WMO has requested that the attention of the Member States of IOC be drawn to the need for studies in ocean circulation and to encourage co-operation with other geophysical scientists.

It will be noted that the recommendation places particular emphasis on the quantitative assessment of the effect of the wind field on the large-scale ocean circulation and considers this necessary for studies of climatic change. As the research on these processes are also part of the IDOE projects on Environmental Forecasting, as well as a significant part of the IGOSS Programme, Member States are invited to provide information direct to the President of CAS, Dr. W.L. Godson on projects which might fall within the terms of the CAS recommendation.

Dr. Godson's address is:

Atmospheric Environmental Service  
Department of the Environment  
4905 Dufferin Street  
DONSVIEW, Ontario  
CANADA

Correspondence should be copied to the WMO and IOC secretariats.



Desmond P.D. Scott  
Secretary

Chairman :  
Dr. G.F. Humphrey  
Officer-in-Charge  
CSIRO Marine Biochemistry Unit  
Building A12  
Sydney University  
Australia 2006

Secretary :  
Mr. Desmond P.D. Scott

Vice-Chairmen :  
Professor Dr. H.U. Roll  
President, Deutsches Hydrographisches Institut  
Bernhard Nocht-Strasse 78  
2 Hamburg 4, Federal Republic of Germany

Dr. Ing. G. Serpoianu  
Chef du Laboratoire d'Océanographie  
Institut Roumain de Recherches Marines  
Boul. Lenin 300  
Constanta  
Romania

Dr. A. Ayala Castañares  
Coordinador de la Investigación Científica  
Universidad Nacional Autónoma de México  
Apartado Postal 70-157  
México 20 DF  
México

Professor S.K. El-Wakeel  
Director, Institute of Oceanography and Fisheries,  
Academy of Scientific Research and Technology,  
Kayet-Bay,  
Alexandria,  
Arab Republic of Egypt

Recommendation 5 (CAS-VI) - STUDIES OF THE OCEAN CIRCULATION

THE COMMISSION FOR ATMOSPHERIC SCIENCES,

NOTING:

(1) The report of the Working Group on Climatic Fluctuations,

(2) The report of the first session of the Working Group on the Effects of Air Pollution on the Dynamics of the Atmosphere,

CONSIDERING:

(1) That numerical simulations of the general circulation of the atmosphere hold considerable promise of providing a valuable tool in assessing the climatic effects of various factors natural and man-made,

(2) That for studies of climatic change such models must include the response of the ocean circulations to changes in the atmospheric circulations,

RECOMMENDS that Members encourage studies of the ocean circulation by scientists in their countries, with particular emphasis on the quantitative assessment of the effect of the wind field on the large-scale ocean circulation;

REQUESTS the Secretary-General to draw the attention of the Inter-governmental Oceanographic Commission and other appropriate international bodies to this recommendation.

---