

INTERNATIONAL OCEANOGRAPHIC CONGRESS

The American Association for the Advancement of Science in cooperation with UNESCO and the SPECIAL COMMITTEE ON OCEANIC RESEARCH of ICSU is planning and organizing an International Oceanographic Congress to be held during a two week period from 30 August to 12 September 1959 at the United Nations Building, New York.

The purpose of the Congress is to provide a common meeting ground for all sciences concerned with the oceans and the organisms contained in them. The Congress will be devoted to the fundamentals of the marine sciences rather than to their applications.

It has been agreed by the organizing committee that the Congress will be centered around five symposia on the oceans:

1. The history
2. The boundaries
3. The deep sea
4. Dynamics of organic and inorganic substances
5. The marine life regime

1. The history - Includes discussions of the shape and structure of the ocean basins, the acting forces and processes, the origin of sea water and marine organisms, the stratigraphy of the deep sea and the climatic record.

2. The boundaries - Includes discussions of the coupling of sea and air, sea level, epicontinental sediments, estuarine and nearshore circulation (including the estuarine environment), influence of land masses on the behavior and distribution of marine organisms, and surface films and their importance in exchange processes.

3. The deep sea - Includes discussions of the geochemistry and physics of circulation, stirring and mixing in the ocean, nature and origin of bathypelagic life, distribution of pelagic sediment types (biological and physical interpretations), nuclear processes in pelagic sediments, and special characteristics of abyssal organisms.

4. Dynamics of organic and inorganic substances - Includes discussions of physical chemistry of sea water, biologically active substances in sea water, primary production, balance between living and dead organic matter in the oceans, exchanges between sea and air, exchanges between sediments and sea water, and vertical transport in the ocean.

5. The marine life regime - Includes discussions of the paleogeography of marine floras and faunas, biogeographical regions in the sea, evolution and adaptation in the sea, the behavior of marine organisms as influenced by environmental factors, physiology of marine plants, and the culture of marine organisms as a means of understanding environmental influence on populations.

Each topic for a symposium will be considered for two consecutive days. Three invited lectures will be given each morning. The afternoon sessions will be organized around the morning topics, either in round-table discussions, in seminars, or in a series of papers. Several groups may run concurrently. Papers for the afternoon sessions will be selected from those received in response to this and subsequent announcements. Not all papers which have been accepted will actually be presented, but all accepted papers will be available at the meeting in mimeographed form. Titles and abstracts should be submitted as soon as possible and in no case later than 1 February 1959. The completed papers must be submitted by 1 May 1959 in order to allow time for duplication and distribution to the participants in the afternoon meetings well in advance of the meeting. All papers must have an abstract in a second language of the Congress. Papers may be presented in English, French, German, Russian, or Spanish. Simultaneous translations will be available for at least some of these languages.

The organizing committee expects that contemporary advances in the marine sciences, rather than reviews of older published work, will be presented under these broad topics. It is hoped that the younger staff members of the various oceanographic laboratories around the world will be encouraged to attend and to take part in the Congress. In order to assist with their at-

tendance, the committee hopes to obtain funds to help defray the travel expenses of these younger participants. The committee also hopes to be able to contribute towards the travel expenses of the invited speakers at the morning sessions.

This notice should be considered as preliminary. Until further notices are issued, titles and abstracts of papers, which are publicly solicited by this notice, and any other correspondence should be sent to:

Dr. Mary Sears, Chairman
Woods Hole Oceanographic Institution
Woods Hole, Massachusetts, U. S. A.

Other members of the Committee on Arrangements for the Congress are: Gustaf Arrhenius, John Cushing, Henry M. Stommel, Fritz Koczy, George S. Myers, Roger Revelle, Gordon Lill, Lionel A. Walford and Dael Wolfe (ex-officio).

Instructions for Contributors of Technical Papers

Technical papers may be submitted for any of the sections in the outline for topics to be covered by the Congress. Some of the submitted papers will be selected for presentation in detail, some will be selected for presentation by abstract and some will be read by title only. However, all accepted papers will be reproduced and available to the participants in the Congress and any paper is subject to discussion in the various sections.

Submission: Two complete copies of the abstract and manuscript should be submitted to Dr. Mary Sears, Woods Hole Oceanographic Institution, Woods Hole, Massachusetts, U. S. A. The title page should include a notation of the pertinent section of the program of the Congress for which the paper is submitted. This may be indicated by the date and section number from the enclosed program.

Date of Submission: The abstracts of the papers must be received no later than January 31, 1959 for consideration by the conveners of the various sections. The complete manuscript must be received by April 30, 1959 to insure its availability at the Congress.

Length: The papers should be concise with the length limited to ten pages including tables, figures and bibliography.

Abstracts: Two copies of an abstract of the paper not to exceed two hundred words in length on a separate sheet from the text are to be included. The title, authors, and organization represented and also the section for which the paper is submitted should be included on the abstract page. Abstracts should be submitted in two languages.

Languages: Manuscripts may be submitted in any of the following languages: English, French, German, Russian or Spanish. During the Congress, simultaneous translations will be provided in English, French and Russian. They may be provided for other languages if the number of contributions received require it.

Typing: Since the papers will be reproduced by a photographic process prior to the Congress directly from the original manuscript it is imperative that clean copies of standardized format be presented. The manuscript should be single spaced with double spacing between the paragraphs. One side of the paper only should be used when typing the manuscript.

References: References in the text should be indicated by the name of the author followed by the date of publication in parenthesis. The bibliography should be arranged alphabetically. Example of Bibliographic References:

Armstrong, F.A.J., The iron content of sea water. *J. Mar. Biol. Assoc., U.K.*, 36(3): 509-517, 1957.

Figures: Line drawings (graphs, etc.) should be prepared in black India ink on a good quality paper or tracing cloth. Black and white photographs must be submitted on glossy paper at least 8×10 inches in size. Legends for figures should be prepared on a separate sheet of paper, single-spaced, but triple-spaced between legends. Each legend should be typed the same width as the figure to which it refers.

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