

Report  
of

the Sub-Committee for Co-ordination of Hydrographic  
Investigations in the Baltic on the VIth Conference  
of Baltic Oceanographers in Sopot 6-8 VI, 1968

On the 6th to 8th June, 1968 the VIth Conference of Baltic Oceanographers was held in Sopot (Poland) under the chairmanship of Dr. A. Majewski.

The main topics of the Conference were as follow:-

1. River inflow to the Baltic Sea.

The Conference, after having got acquainted with the results of the river inflow calculation during the period 1951-1960 elaborated by Assist. Prof. Dr. Z. Mikulski (Poland) on the basis of data from all the Baltic countries, recommended to continue, beginning with 1961 the calculation of the river inflow to the Baltic Sea and to transmit the results to the P.I.H.M., Warsaw, in order to carry out compilatory calculations and make them available to all persons concerned. Furthermore, the Conference invited to undertake new investigations in order to actualize the water balance of the Baltic.

2. Program of the Baltic Year 1969-1970.

The Conference recommended to carry out investigations, of the Baltic in 1969-1970, according to the instruction elaborated by the Swedish oceanographers Dr. A. Svansson, and Dr. Stig H. Fonselius during 1968 taking into consideration the comments presented by Baltic oceanographers.

3. Intercalibration of chemical methods.

The Conference recommended to send the description of the methods of chemical analysis of sea water applied by the institutes to Dr. S.A. Fonselius (Sweden) for purpose of elaborating a manual and pressingly invited to continue the performing of intercalibration at every occasion which presents itself.

4. Program of investigations of currents in the Arcona Basin, 1968, and in the Gulf of Bothnia, 1970.

The Conference encouraged Baltic institutes possessing mareographs around the Arcona Basin to send a copy of hourly data of the period 15.V.-30.IX. to the Institute of Marine Research at Kiel/FRG/and asked Prof. W. Krauss to prepare an investigation program of currents in the Gulf of Bothnia till the end of 1969, and to co-ordinate those investigations.

Besides, the Conference urged to take up investigations concerning the variability of physical, chemical and biological features of Baltic waters and decided to hold in force the recommendations of previous conferences regarding investigations on standard hydrographic stations and sections, studies of transport and exchange processes at the surface of the sea, in the sea and at the sea bottom, marine geological investigations with particular consideration of paleoceanographic problems of the Baltic region, improvement of the position determination in the sea, intensifying of meteorological investigations from the research vessels.

In the course of the Conference a scientific symposium took place for which about 40 reports have been presented concerning sea dynamics (including water level), water thermics, sea chemistry, marine biology, oceanographical measurements and the data processing system.

Seizing the opportunity of a stay of research vessels in Gdynia an ad hoc intercalibration had been organized by Dr. K. Grasshoff (FRG).

The VIth Conference of Baltic Oceanographers was organized by the Maritime Department of the National Institute for Hydrology and Meteorology (P.I.H.M.), Gdynia, ul. Waszyngtona 42.

It has been proposed that the VIIth Conference of Baltic Oceanographers take place in 1970 in Denmark or Finland.

A. Majewski

