

# **Surface sediments mapping in the Atlantic Basin**

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A significant research “Surface sediment mapping” has been done by international scientific groups during last decade (1994-1999). Surface (0-5 cm) colour sediment map and map of more deep sediments (when 1 m was removed) were compiled in scale 1 : 500 000 for the Baltic Sea. For some versions of the maps mixed (Russian), Folk’s or Shepard’s classifications were used. Russian, polish, german, danish, swedish, lithuanian, latvian, estonian scientists participated in compilation. The legends were prepared in English and Russian.

Uncosolidated bottom sediment map of the Mediterranean and Black Seas in scale 1 : 1 000 000 (10 colour sheets) and 1 : 10 000 000 (1 sheet) were published in 1996-1998. The legends were prepared in English and French by E.M. Emelyanov, K.M. Shimkus, and P.N. Kuprin with the participation of scientists from Spain, France, Germany, Italy, Greece, Israel, Russia and other countries. For the classification Folk’s triangle was used. By different shade of blue colour there were shown areas with  $<10$ ; 10-30; 50-70; 70-90 and  $>90\%$   $\text{CaCO}_3$ . The map was prepared according to IBCM programme under leadership of Editorial Board of IOC UNESCO.

For some Atlantic ocean basins (Angola, Marocco and others) the colour sediment map “Atlantic ocean” (1969, scale 1 : 10 000 000) was renewed and improved.

The data basis for all the mentioned areas were organized and GIS programmes were used for the preparation of some colour maps. All the maps are followed by explanatory notes.