

MAPPING THE MARINE POLLUTION: A CASE STUDY IN THE GELENDZHİK BAY

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The article describes a case-study in environmental mapping of the Gelendzhik Bay. The role of map representation in the study of causes and effects of marine pollution is indicated. The research object and sources of anthropogenic impact on the environment in the research area are given. Hydrological and hydrochemical studies carried out to obtain the initial data are briefly described, the participators and used methods are listed. The geographic and thematic content of digital environmental maps created on the basis of obtained data is characterized, fragments and legends of maps are presented. The conclusions drawn from created maps on possible reasons of various types of marine pollution in the Gelendzhik Bay are presented. Further research prospects are outlined.

Keywords: cartographic method, environmental mapping, digital map, GIS, marine ecology, sea port, marine pollution, hydrochemical observations

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