HEAVY METALS CONTENTS IN DANUBE RIVER

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As with all major rivers, the Danube provides an effective means of transporting waste from human activities, within its basin, to their ultimate repository in the Black Sea. The objective of this work was to assess the total contents of Cu, Fe and Cr in water, sediments and plants from Danube River. The analyses of heavy metals were performed by molecular absorption spectrometry in the visible range. In order to increase the sensitivity of analytical determinations was used the method of the standard additions. For an analytical characterization of water samples we used also titrimetric methods for the determination of salinity, hardness and alkalinity.

References