

## The Danube River water quality characteristics in the Braila Town

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**Abstract.** Various physico-chemical characteristics of the Danube River water in Braila Town were studied during the summer, autumn and winter of 2008 year, for three sampling points. The parameters like pH, hardness, chloride, fluoride, ammonium and metallic ions (calcium, magnesium, chromium, iron, and copper) were analyzed in order to assess the water quality for Danube River. The major problems for Danube River water quality in Braila Town were identified to be the presence of copper and iron, in concentrations which placed sometimes the water in 5<sup>th</sup> class of quality, and the high concentrations of ammonium ion.

*Keywords:* Danube River, water quality, pH, hardness, chloride, fluoride, ammonia, metallic ions.

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