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**VARIATION OF PHYSICO-CHEMICAL PARAMETERS  
IN THE LOWER DANUBE WATER**

**Andreea-Liliana Nistor, Ionela Cotloguț, Mihaela Timofti, Cătălina Iticescu,  
Lucian P. Georgescu, Maria Cătălina Țopa**

*“Dunarea de Jos” University of Galati, European Center of Excellence for the Environment,  
Faculty of Sciences and Environment, 111 Domneasca Street, 800201, Galati, Romania*

*Corresponding author: [nistor.andreealiliana@yahoo.ro](mailto:nistor.andreealiliana@yahoo.ro)*

**Abstract:** Assessing the quality of the Lower Danube water is important because it is the main source of both drinking water for the population of Galati and of identification and quantification of anthropogenic effects. Water samples were taken from 5 different stations over three months (June-August 2018) in order to determine the quality of Danube water in the adjacent area of Galati. The following physico-chemical parameters were monitored: temperature, conductivity, salinity, total dissolved solids, pH, dissolved oxygen, oxygen saturation, hardness, alkalinity, turbidity and total suspended matter. The results obtained show lower values as compared to those identified in the previous studies on the Danube (corresponding to Romania and Serbia).

**Keywords:** Danube, pH, hardness, physico-chemical indicators, turbidity

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