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Physico-Chemical Parameters of River Ganga, Prayagraj, Uttar Pradesh, India

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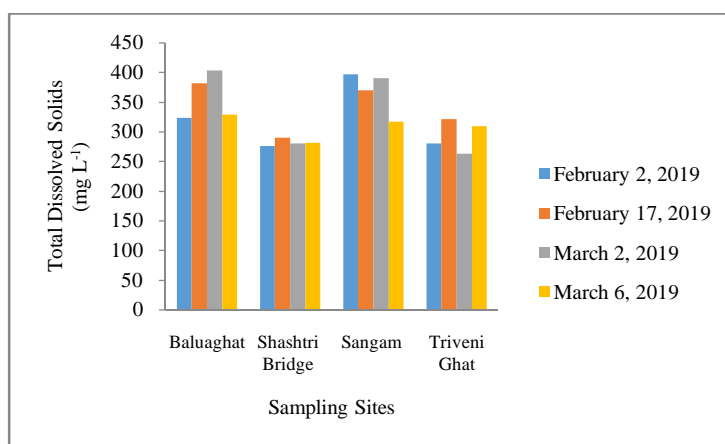
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ABSTRACT

In this paper a systematic study has been carried out to analyze the Physico-Chemical properties of River Ganga in Prayagraj District. Total forty samples from four different sampling sites and on four different dates were collected and analyzed for physico-chemical parameters (water temperature, pH, total dissolved solids, electrical conductivity, dissolved oxygen, biochemical oxygen demand, chloride, and fluoride). It was observed that most of the parameters were within permissible limit according to WHO (2009) and BIS (2004) with some exceptions where the values were slightly raised in comparison to others.

Graphical Abstract



Total Dissolved Solids.

Keywords: River Ganga, Physico-chemical parameters, Water potability, Water quality.