

# Temporal variation in physico-chemical properties of Basapur Handia wetland, Allahabad

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**SUMMARY :** The temporal variations in physico-chemical parameters of Basapur Handia wetland in Allahabad, like temperature, pH, D.O., B.O.D., total alkalinity, turbidity, chlorides contents and electrical conductivity were analyzed from (Sep. 2009-Aug. 2010). All these parameters were found to be higher in cooler season compared to other season, which may be due to the temperature changes which showed inverse relationship with water temperature. The water was alkaline during entire study period and alkalinity was found highest in the month of June and lowest in the month of August. The study revealed the changes in physico-chemical characteristics of this wetlands, which will be a beneficial study to monitor the environmental changes of such water bodies.

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