



Hydrochemistry of an important Fresh Water Body in Kerala

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Abstract: Various physicochemical parameters and bacteriological analysis of the fresh water of the Sasthamcotta lake during the last decade are here discussed in detail. It has been discovered that the parameters like P^H, Electrical Conductivity, Alkalinity, Fluoride and Iron show slight increase as time passes. During the first half of the period Fe and F⁻ contents show slight increase, while they exhibit tremendous increase in the second half, specifically Fe. The reasons and remedial measures are discussed to the possible extent.

Key words: *Hydrochemistry, Fresh water lake, Ramsar site.*

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