

Tripti Agrawal (*Editor-in-Chief*)

Microbes and Agro-Ecosystem

***a* AGROBIOS
RESEARCH**

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12. A Review on Water Quality of Different Lakes of Udaipur Concerning Physicochemical and Bacteriological Parameters

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ABSTRACT

Water is a very important natural resource after the air. This very important resource is limited on earth because; only a major part of it is unusable. Therefore, this precious resource must be used carefully. Water is required for many different purposes and therefore its suitability should be checked before its use. The sources of water should be regularly monitored to find out whether these sources are in a healthy condition or not. The poor condition of water bodies is an indicator of environmental pollution and also a possible threat to the aquatic ecosystem. The water resources are polluted by domestic sewage, industrial waste and discharge from human activities. These could severely affect the physicochemical and bacteriological quality of water. Therefore, it is an essential prerequisite to use safe and good quality water for the good health of the society and to maintain the natural and healthy aquatic ecosystem. Water quality analysis can be done by some standard protocols which were established after years of research. This review is about the study on the water quality of lakes of Udaipur regarding their physicochemical and bacteriological parameters based on different studies which were published in different academic journals, bulletins, conference papers and publicly available materials. This study is of significant value because the drinking water supply of the city is dependent on these lakes. This review indicated that the water of these lakes was polluted and strict monitoring of lake water should be required concerning these analyzed parameters.

Keywords: Water quality, Physicochemical Parameters, Bacteriological, Udaipur, Lakes.