

Evaluation of Ambient Air Quality Status in Joda- Barbil Area, Odisha, India

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Abstract

The present study is to evaluate the quality of ambient air quality status in the Joda - Barbil area of Odisha State. Ambient Air quality with respect to SPM, SO₂, NO_x was monitored in different sites of the Joda – Barbil area. Monitoring was conducted over a period of one year i.e., 2010-2011 with the aim of analyzing air pollutant levels. Max, Min & Average values were calculated for each station and the results were discussed. It was revealed that the average concentration of SPM is above the prescribed ambient air quality standard (CPCB, New Delhi) in some of sites where as the average concentration of SO₂ and NO_x was observed below of the safety limits.

Keywords: Air Pollution, SPM, Sulphur Di-oxide, Nitrous Oxide, Joda- Barbil