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## Estimation of the deposition by rain water of major ions and other pollutants in Lake Biwa, central Japan

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Direct atmospheric deposition accounts for 28.8% of the load from these three main non-point sources. However, this calculation was conducted from the one site observation data, Kusatsu. We calculated the loading rate of pollutants from rainwater falling on Lake Biwa used 4 sites observation data. Large differences of loads were observed at between current methods and this study. This study has demonstrated the need to acquire monitoring data in areas of Japan that have inland waters to allow calculation of the loading rate of pollutants from rainwater.

Keywords: Atmospheric deposition, Anion, Cation, ionic loads