

## ***Interactive comment on “Particulate matter characterization of Cauca River water in Colombia” by J. P. Gutiérrez et al.***

### **Anonymous Referee #1**

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The manuscript offers an opportunity to learn about the Cauca River as a regulated flow system and the relationships of water quality to the regulated flow, including particle matter types within the system. In general, the use of two sample locations and relatively small number of samples collected and analyzed are limiting. The forensic analyses using differing fractions of suspended solids and other parameters (Fe<sup>3+</sup> and PO<sub>4</sub><sup>3-</sup>) is constructive but again the conclusions made are too sweeping in terms of identifying specific causes or sources of water quality impacts with the small data set presented.

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