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## Historical performance of particulate settleable in a municipality located in the ceramic cluster of Castellón (Spain)

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Air pollution can be defined as: "the introduction into the atmosphere by man, directly or indirectly, of substances or energy with have effects deleterious of such a nature that endangers human health, causing damage to biological resources and to ecosystems, which impair material goods and to harm or interfere with amenities and other legitimate uses of the environment". One of the main pollutants in air is the particulate matter. This material particulate includes settleable, particles larger than  $10~\mu m$  that remain airborne for relatively short periods of time. For what its effects are most pronounced in the vicinity of the emitting sources.

The study area is located in the city of Alcora. This population is located in the region eastern of the province of Castellon (Spain). The municipality of Alcora has a high industrial density, highlighting framed companies in chemical industry and non-metallic mineral products. The area has a high traffic density due to the proximity of population to various roads. These two factors point peaks rise high concentration of atmospheric particulate pollutants.

The purpose of this paper is conducting a retrospective view of the evolution of settleable particulate concentrations. Settleable particulate samples were collected with a sensor BRITISH STANDARD PS particles during the period between January 2000 and December 2005.

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