

Reception and characterization of tropospheric aerosols from Buenos Aires City

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The main objective of this work is to determine the content of 11 metals and metalloids and 6 ions in the PM collected during one year in one monitoring site in the metropolitan area of Buenos Aires (MABA). Study the solubility distribution of these metals in two fractions of different bioavailability.

Receptor models are being applied to determine the possible origin of the particulate matter in Bs. As.

In the poster I´m going to present part of this work focused in the intrusion of marine aerosols in the MABA.