

Publications derived from this study

Características del material particulado atmosférico, sus fuentes, parámetros de control, e incertidumbres a la luz de la nueva Directiva Europea de Calidad del Aire. S. Rodríguez, X. Querol, A. Alastuey, F. Plana, E. Mantilla, B. Artiñano y P. De Pablo. *Tecno-Ambiente*, 101, 17-23, 2000.

Assessment of airborne particulate levels in Spain in relation to the new EU-Directive. B. Artiñano, X. Querol, P. Salvador, S. Rodríguez, D. Alonso, A. Alastuey. *Atmospheric Environment*, 35(1001), s43-s53, 2001.

Monitoring of PM₁₀ and PM_{2.5} around primary particulate anthropogenic emission sources. X. Querol, A. Alastuey, S. Rodríguez, F. Plana, E. Mantilla, C. Ruiz. *Atmospheric Environment*, 35(5), 845-858, 2001.

Saharan dust contributions to PM₁₀ and TSP levels in Southern and Eastern Spain. S. Rodríguez, X. Querol, A. Alastuey, G. Kallos, O. Kakaliagou. *Atmospheric Environment*, 35(14), 2433-2447, 2001.

PM₁₀ and PM_{2.5} source apportionment in the Barcelona Metropolitan Area, Catalonia, Spain. X. Querol, A. Alastuey, S. Rodríguez, F. Plana, C. R. Ruiz, N. Cots, G. Massequé, O.I Puig. *Atmospheric Environment*, 35(36), 6407-6419, 2001.

Origin of high summer PM₁₀ and TSP concentrations at rural sites in Eastern Spain. S. Rodríguez, A. Alastuey, X. Querol, E. Mantilla. *Atmospheric Environment*, 36(19), 3101-3112, 2002.

Sources and processes affecting levels and composition of atmospheric aerosol in the Western Mediterranean. S. Rodríguez, X. Querol, A. Alastuey, F. Plana. *Journal of Geophysical Research*, 2002, in press.

Events affecting levels and seasonal evolution of airborne particulate matter concentrations in the Western Mediterranean. S. Rodríguez, X. Querol, A. Alastuey, M.M. Viana, E. Mantilla. *Environmental Science and Technology*, 2002, submitted

Contributions to Congress

Origin of high PM10 and TSP events in Eastern Spain. X. Querol, A. Alastuey, N. Moreno, S. Rodríguez, F. Plana, E. Mantilla, B. Artiñano y A. López-Soler. Air quality in Europe: Challenges for the 2000s. May 19-21 1999, Venice, Italy. Poster presentation. Congress proceeding, page 121.

Estudio y evaluación de la contaminación por material particulado atmosférico en España: Necesidades derivadas de la propuesta de la Directiva Europea del consejo de la U.E. relativa a partículas PM10 y PM2.5. A. Alastuey, E. Mantilla, X. Querol, and S. Rodríguez. XXXIX. Congreso Nacional de Cerámica y Vidrio, October 17-20 1999, Jaca, Spain. Congress proceeding, page 112.

Material Particulado Atmosférico: Fuentes e Incertidumbres. X. Querol, A. Alastuey, S. Rodríguez, F. Plana, B. Artiñano, E. Mantilla y A. López-Soler. III Congreso Nacional sobre La Calidad del Aire en España, November 24-26 1999, Seville, Spain. Congress proceeding, pages 29-40.

Quantitative assessment of sources contributing to PM10 in a rural site in Northeast Spain. S. Rodríguez, X. Querol, A. Alastuey, F. Plana. Workshop on Particulate Matter/Jornadas sobre Material Particulado, January 31– February 2 2001, Madrid, Spain. Oral presentation

Geoquímica del material particulado atmosférico en España. X. Querol, A. Alastuey, A. López-Soler, F. Plana, S. Rodríguez, M. Viana, D. Alonso, B. Artiñano, y P. Salvador. VIII Congreso de geoquímica de España / III Congreso Ibérico de Geoquímica, October 23–26 2001, Zaragoza, Spain. Congress proceeding, pages 127-137.

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Seasonal patterns of aerosol chemistry in urban and rural sites in the Western Mediterranean. S. Rodríguez, X. Querol, A. Alastuey, M. Viana, F. Plana. A changing atmosphere, 8th European Symposium on physicochemical behaviour of atmospheric pollutants, September 17-20 2001, Torino, Italy. Symposium proceeding, page AP75.

African air mass intrusions over the Iberian Peninsula and the Canary Islands: Transport patterns and seasonal trend. X. Querol, S. Rodríguez, E. Cuevas, M.M. Viana, A. Alastuey. III Asamblea Hispano-Lusa de Geodesia y Geofísica, February 4-8 2002, Valencia, Spain. Congress proceeding, in press.

PM10 and PM2.5 levels and composition in the Barcelona Metropolitan area (Catalonia, Spain). X. Querol, A. Alastuey, S. Rodríguez, F. Plana, C.R. Ruiz, N. Cots, G. Massagué, O. Puig. The seventh International Highway and Urban Air Pollution, May 20-23 2002, Barcelona, Spain. Poster presentation.