

Este estudio ha dado lugar a las siguientes publicaciones en revistas y presentaciones en congresos internacionales.

PUBLICACIONES EN REVISTAS INCLUIDAS EN EL SCI

1. N. Moreno, X. Querol, C. Ayora, C. Fernández-Pereira, and M. Janssen-Jurkonicova. Utilisation of Zeolites Synthesized from Coal Fly Ash for the Purification of Acid Mine Waters. *Environmental Science and Technology*. 2001, 35, 3526-3534.
2. N. Moreno, X. Querol, C. Ayora, A. Alastuey, C. Fernández-Pereira and M. Janssen. Potential Environmental Applications of Pure Zeolitic Material Synthesized from Fly Ash. *Journal of Environmental Engineering*, 2001, 127, (11). 994-1002.
3. M.R. Towler, K.T. Stanton, P. Mooney, R.G. Hill, N. Moreno & X. Querol. 'Modelling of the Glass Phase in Fly Ashes using Glass Network Connectivity Theory'; *J. Chem. Tech. and Biotech*, 2002. 77/3, 240-245.
4. N. Moreno, X. Querol, F. Plana, J. M. Andrés, Maria Janssen, Heng Nugteren. Pure zeolite synthesis from silica extracted from coal fly ashes; *J. Chem. Tech. and Biotech*. 2002, 77/3, 274-279.
5. X. Querol, N. Moreno, J.C. Umaña, R. Juan, S. Hernández, C. Fernandez-Pereira, C. Ayora, M. Janssen, J. García-Martínez, A. Linares-Solano, D. Cazorla-Amoros. Application of zeolitic material synthesised from fly ash to the decontamination of waste water and flue gas. *J. Chem. Tech. and Biotech* 2002. 77/3, 292-298.
6. R. Juan, S. Hernández, X. Querol, J.M. Andrés, N. Moreno. Zeolitic material synthesised from fly ash: use as cationic exchanger. *J. Chem. Tech. and Biotech*, 2002. 77/3, 299-304.
7. X. Querol, N. Moreno, J.C. Umaña, A. Alastuey, E. Hernández, A. López-Soler, F. Plana. "Synthesis of zeolites from coal fly ash: an overview". *International Journal of Coal Geology*. (In press).

PRESENTACIONES EN CONGRESOS INTERNACIONALES.

1. F. Plana, J. Elvira, X. Querol, N. Moreno, J.C. Umaña y A. López-Soler. "Zeolites synthesis from fly ash. X-Ray Diffraction: Characterisation, quantification and application". 7th European Powder Diffraction Conference (EPDIC -7). Barcelona (Spain), 20th - 23rd May, 2000.
2. X. Querol, N. Moreno, J.C. Umaña, R. Juan, S. Hernández, C. Fernandez-Pereira, C. Ayora, M. Janssen, J. García-Martinez , A. Linares-Solano, D. Cazorla-Amoros. "Application of zeolitic material synthesised from fly ash to the decontamination of waste water and flue gas". International Workshop on Novel Products from Combustion Residues: Opportunities and Limitations. Morella (Spain) 7th June, 2001.
3. N. Moreno, X. Querol, F. Plana, J.M. Andrés, M. Janssen, H.W. Nugteren. "Silica extraction from fly ash for pure zeolite synthesis". International Workshop on Novel Products from Combustion Residues: Opportunities and Limitations. Morella, 7th June, 2001.
4. X. Querol, N. Moreno, J.C. Umaña, A. Medinaceli y A. Valero. "Synthesis of zeolites from fly ash at a pilot plant scale". International Workshop on Novel Products from Combustion Residues: Opportunities and Limitations. Morella (Spain) 7th June, 2001.
5. M.R. Towler, K. T. Stanton, P. Mooney, X. Querol, N. Moreno and R.Hill. "The Role of the mullite exoskeleton in the release of silica from the glass phase of fly ash". International Workshop on Novel Products from Combustion Residues: Opportunities and Limitations. Morella (Spain) 7th June, 2001.
6. R. Juan, S. Hernández, X. Querol, J. M. Andrés and N. Moreno. "Zeolites synthesised from fly ash: Use as cationic exchangers". International Workshop on Novel Products from Combustion Residues: Opportunities and Limitations. Morella (Spain) 7th June, 2001.
7. N. Moreno, X. Querol, A. Alastuey, A. García-Sánchez, A. López Soler, C. Ayora. "Immobilization of heavy metals in polluted soils by the addition of zeolitic material synthesized from coal fly ash". International Ash Utilization Symposium. 22nd - 24th October, 2001. Hyatt Regency Lexington, Lexington, Kentucky, USA.

8. X. Querol, N. Moreno, J.C. Umaña, R. Juan, S. Hernández, C. Fernández-Pereira, C. Ayora, M. Janssen. "Fly Ash Zeolitization Products Applied to Waste Water and Flue Gas Decontamination. 2001 International Ash Utilization Symposium. 22nd - 24th October, 2001. Hyatt Regency Lexington, Lexington, Kentucky, USA.

9. H. W. Nugteren, N. Moreno, E. Sebastia and X. Querol "Determination of the Available Si and Al from Coal Fly Ashes under Alkaline Conditions with the Aim of Synthesising Zeolite Products". 2001 International Ash Utilization Symposium. 22nd - 24th October, 2001. Hyatt Regency Lexington, Lexington, Kentucky, USA.