

Trajectory Analysis of fixed site data using MM5/FLEXPART

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Backward trajectories calculated with FLEXPART and MM5 meteorological simulations are used to carry out Concentration Field Analysis. Potential emission source areas are identified for CO, SO₂, PM_{2.5} and PM₁₀ for RAMA stations around the urban area. These show that the method is able to identify known source regions and gives consistent results for different locations around the basin. The technique is then applied to specialised measurements at T0 and other fixed sites to identify different kinds of aerosol sources.