

## Aerosol measurements at an urban site of Tokyo in the summer of 2008 using a laser-ionization single-particle mass spectrometer

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Using a laser-ionization single-particle aerosol mass spectrometer, observation of atmospheric aerosol particles was performed at an urban site of Tokyo in the summer of 2008. The instrument obtains both size and chemical compositions of the individual particles with a high time resolution. Aerodyne Aerosol Mass Spectrometer (Q-AMS), Laser-induced fluorescence (LIF) NO<sub>2</sub> detector, molybdenum converter chemiluminescence (Mo-CL) NO<sub>x</sub> detector, and several other instruments were used to measure ingredients in atmosphere and atmospheric parameters. By analyzing these data comprehensively, we have tried to understand aerosol at an urban site of Tokyo.