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Where:


Samples: $\approx 300$ 24h PM10 samples, collected on quartz fiber filters.

| Instruments: |
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| Sunset EC/OC analyzer $\rightarrow$ Elemental, Organic and Total Carbon. |
| HPLC - PAD $\rightarrow$ Levoglucosan. |
| AMS $\rightarrow{ }^{14} \mathrm{C}$ for quantification of Modern and Fossil Carbon. |
| MWAA $\rightarrow$ Aerosol Absorption coefficient @ 5 $\lambda: 375,407,532,635$ and 850 nm. |

The Multi-Wavelength Absorbance Analyzer (MWAA) is a prototype instrument realized at the Physics Department of the University of Genoa.

