

# Measurement of Carbonaceous Species

## Members

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**Role  
: Ground-based  
measurement  
(PTI)**



**A master's course  
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**Role  
: Ground-based  
measurement  
(MAAP, TAP,  
OC/EC Analyzer)**

## Measurements

**Black Carbon (BC)  
Organic Carbon (OC)  
Elemental Carbon (EC)**

- Light absorption coefficient
- Equiv. mass concentration
- Abs. Ångström exp.
- Single scattering albedo
- Optical properties  
/Physical properties

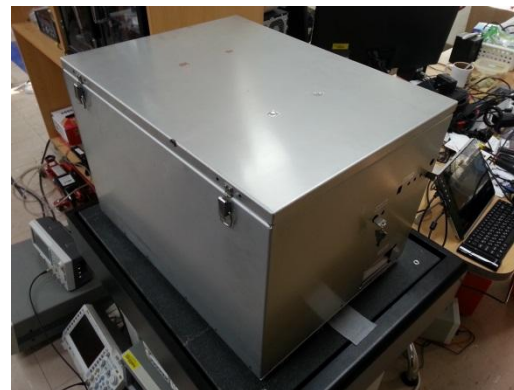
## Instruments



**Multi Angle Absorption  
Photometer (MAAP)**



**Tricolor Absorption  
Photometer (TAP)**



**Photothermal Interferometer  
(PTI)**



**OC/EC Analyzer**