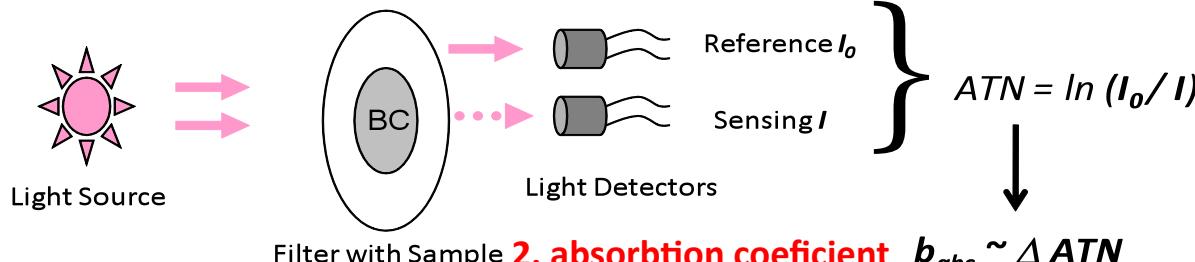


INFLUENCE OF BIOMASS COMBUSTION ON AIR QUALITY IN TWO PRE-ALPINE TOWNS WITH DIFFERENT GEOGRAPHICAL SETTINGS

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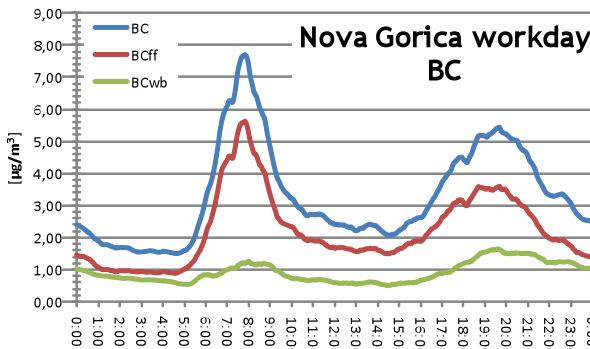
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1. Aethalometer principle



Black carbon (BC) and carbonaceous matter (CM) was apportioned to combustion of fossil fuels (ff) and wood (wb) using the Aethalometer model: first absorption is apportioned to sources, the model is calibrated on 24h scale, ff and wb contributions to CM are determined from the Aethalometer measurements.

5. Results



In Nova Gorica wood smoke exceeds diesel exhaust contributions to CM.

The correlation between BC and often used wood burning marker

