Air quality from monitoring to real-time data display

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Introduction and context
During 2017 the Environmental Protection Agency has continued with continuous implementation of operational air quality monitoring in the national network for air quality monitoring in the Republic of Serbia. Results of automatic air quality monitoring in Serbia are presented in real time on SEPA's website. Also, SEPA is included in the European Up-to-date air quality data. (www.amskv.sepa.gov.rs)

Evaluation of Air Quality in 2017. Categories of air quality
Impact of CO, SO2, O3, NOx, PM2.5, PM10

Materials and approaches
Evaluation of air quality in 2017 was done based on annual concentrations of pollutants (SO2, NO2, PM10, CO, O3) obtained by air quality monitoring in the national and local networks.

Transferability
“Measurement is the first step that leads to control and eventually to improvement. If you can’t measure something, you can’t understand it. If you can’t understand it, you can’t control it. If you can’t control it, you can’t improve it.” (J. Harrington)

Outcomes
In the most agglomerations during 2017 air was of the category III, i.e. over-polluted air, due to concentrations that exceeded limit value of suspended particles PM10.