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Project consortium SmartAQnet – Aerosol Akademie

Newsletter SmartAQnet

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Newsletter December 18 Smart Air Quality Network

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WP0: Project management

Organisation and participation in the monthly Jour Fixe of the consortium and the workshop Network Planning, SOPs / Meta Data and preparation of the second IOP (15-16/11/2018) on 11 November 2018 in Augsburg.

WP1: Data mining and campaigns

The ceilometers to study the North-South profile of mixing layer height in Augsburg (IGUA, Aerosol measurement station at HSA and at the Klostergarten) is continued and used during the second IOP. Several weather information and forecasts were performed together with IGUA as basis to call a second IOP. The sub-contractor Ulrich Uhrner (TUG) participated in the second IOP totally.

Uni_A: The second IOP took place on 15 and 16 November. Due to changeable weather the weather forecast for a good period was difficult. Unfortunately, due to fog and deep clouds, UAV ascents could only be made at the two locations Kongress am Park and Prinzregentenplatz between 6 p.m. and 8 a.m. on the following day. The cycle route was mostly driven by two cyclists.

WP2: Data collection / Devices

Now, there are no news available. However, we will keep you informed.

WP3: Data aggregation and analyses

The sub-contract of KIT/IMK-IFU with ZAE to collect data about residential heating is ongoing including Mr. Fichtl of the chimney cleaner company Augsburg/Schwaben. Robert Kunde, ZAE, provided first results of anonymisation and location of residential emissions as well as clustering and discussed the last working steps with KIT/IMK-IFU and TUG.

WP4: Data application

Now, there are no news available. However, we will keep you informed.

WP5: Data oriented dissemination and application

The international workshop of the project on 04 and 05 December at HMGU in Neuherberg is prepared further to present results from the development of the emission inventory and first results of numerical simulation of air pollution exposure by GRAMM/GRAL on the basis of the 1. IOP.

Further information