

We invite

researchers interested in the atmospheric aerosols, impurities and microbiology monitoring and sampling in Svalbard, or in the harmonisation of monitoring and sampling methods for those.

The invitation is especially valid for the members of the Ny Ålesund Atmospheric Flagship, the researchers running and supervising atmospheric aerosol or other impurity (e.g. gaseous pollutants) and microbiology monitoring elsewhere in Svalbard, and those who propose new impurities / emerging contaminants to be added to the existing monitoring protocols.

The understanding of atmospheric impurities in this context is broad and extends from aerosols changing the atmospheric optical depth through black carbon, particulate and gaseous pollutants of both organic and inorganic character, to microbial cells and alien species in the aerial plankton.

Join us in **Longyearbyen on 12th – 15th September 2022!**

Deadlines:

Registration opened:
8/06/2022

Travel grant application deadline:
30/06/2022

Registration & abstract submission by:
10/07/2022

Pre-booked accommodation will be available for participants' bookings until:
13/07/2022

We have 49 single rooms booked at Radisson and Funken Lodge at the discounted price of 1975 NOK per person per night. Please book by marking an option during the registration.

Additional logistical requests:

please communicate asap to Krystyna Koziol (krykozio@pg.edu.pl) or Adam Nawrot (anawrot@igf.edu.pl) if there is a sampling equipment you would like to bring with you that requires special transport from mainland to Longyearbyen, or if you need any chemical supplies ordered directly to Longyearbyen.

The HERMOSA consortium



Harmonising Environmental Research and Monitoring of Priority Pollutants in the Svalbard Atmosphere (HERMOSA 2022)

Research workshop
12th-15th September 2022,
Longyearbyen (Svalbard)



Photo by T. Jankowski

Provisional outline of the activities:

12.09.2022 opening the workshop, keynote speeches, setting up field experiments
13.09.2022 workshop-seminar
14.09.2022 collecting field experiments
15.09.2022 conclusions and closure

The Longyearbyen seminar will include keynote speeches:

Radovan Krejci: Aerosol measurement SOPs (standard operation procedures), including direct aerosol measurements.

Roland Kallenborn & Krystyna

Kozioł: Summary from the SESS report on the harmonisation of atmospheric impurity sampling methods and monitoring across Svalbard.

Elena Barbaro: A combined aerosol sampling protocol for several impurities as practised in Ny Ålesund.

Participants are encouraged to deliver presentations and posters during the seminar, with a special interest in the atmospheric impurity monitoring activities, sampling techniques and observations results in Svalbard.

Field experiments are aimed at:

- Comparison of various atmospheric impurity monitoring techniques for the same type of impurity.
- Coordination of atmospheric impurity sampling to achieve combined protocols for two or more impurities in one setup: testing such ideas in the field.
- Additional experiments related to the monitoring mode, e.g. the influence of elevation on the obtained results – the comparability of data obtained at various altitudes.

Participants are strongly encouraged to declare participation in the experiments early so we can coordinate best the experimental design and related logistics.



Photo by A Nikulina

Costs and accommodation:

The organising committee will cover the costs of conference facilities and refreshments/meals. Travel and accommodation (with breakfast) need to be paid by the participant as a rule. However, we have funding for a limited number of **travel grants** to active participants of the workshop, awarded to those fulfilling the following criteria:

1. A valid contribution to the workshop (active participation in the field experiment on harmonizing aerosol measurements and/or a talk on a topic directly relevant to the workshop subject).
2. Registering for the workshop by June 30th and booking the flights and accommodation in Svalbard – an economic option - asap after finding out about the travel grant.

Please note we will accept contributions and award travel grants also before June 30th, in the order of submissions, therefore please submit early, as there is a limited number of travel grants available.

Please book accommodation in advance, as the best options may sell out quickly.