



Workshop: “Towards an Interdisciplinary Research Agenda for Arctic Air Pollution”

Host: Air Pollution in the Arctic: Climate Environment and Societies (PACES) – WG2 “Arctic Air Pollution and Societies”

Location: [ASSW 2017 Clarion Congress Hotel](#), Prague, Czech Republic (Stella Room)

Date: April 2, 2017

Time: 9:00am to 5:15pm

Agenda:

9:00 to 10:15

Welcome by the Co-Chairs (Schmale, Starkweather, Tjesner, Tynkkynen)

Self-Introduction of Participants (moderator: Tjesner)

Keynote I: Arctic Air Pollution – Global and Local Contributions (Arnold)

Keynote II: Arctic Air Pollution – Global and Regional Policy Context (Tynkkynen)

Workshop Charge (Starkweather)

10:15 – 10:45 Coffee

10:45 – 12:15 Session I: Science-Informed Regulatory Frameworks (moderator:Tynkkynen)

Keynote: Keeping the Arctic White: The Legal Landscape for Reducing Short-lived Climate Pollutants in the Arctic Region and Opportunities for Its Future Development, Yulia Yamineva ([WHITE Project](#))

The aim of the session "Science-Informed Regulatory Frameworks" is to discuss Arctic air pollution from legal, policy and politics perspectives.

Session questions:

What are the normative tools available and what are their limitations to reduce both GHG and short-lived climate forcers in the Arctic?

How do international and national policy contexts influence the implementation of previous legal packages and to introduce new ones?

How do national energy and environmental politics frame the success or failure of needed normative and policy processes?



12:15 – 1:30 Lunch



1:30 – 3:15 Session II: Local Observers, Local Sources (moderator: Schmale)

Keynote : Engaging Inuit societies in tackling climate change: challenges and opportunities for collaborations across cultural and academic boundaries (Tjesner)

This session explores the **Arctic as an Anthropocene climate frontier** by focusing on experiences made and further **potential for engaging local communities in creating interdisciplinary synergies** vital to research projects and agendas aimed at addressing these developments.

Session questions:

What are the key challenges and opportunities for instigating collaboration, not only between the natural and social sciences, but also for involving community stakeholders as equal partners in our research?

How can local societies benefit from interdisciplinary research in terms of social sustainability, health and future mitigation challenges?

How can physical scientists gain greater insights into local sources of air pollutants and local processes through community partnership?

3:15 – 3:45 Coffee

3:45 – 4:45 Session III: Open Topics on Impacts, Science-Informed Services/Indices, Health Impacts of Air Pollution and Best Practices for Knowledge Exchange (moderator: Starkweather)

Interested participants should contact the moderator to present 1-2 slides to prompt discussion

Discussion Questions:

What aspects of air pollution are most concerning or most relevant to Arctic residents?

How do they seek information? And what contributes to trusted information sources?

What models or mechanisms should be pursued to increase the credibility and salience of this information to the public?

4:45 – 5:15 Wrap Up