

ACCC Impact Week

Designing science-based solutions for clean air & safe climate

7-10 Dec. 2021



Impact Week 7-10 Dec. 2021

Tue 7.Dec

Helsinki Time 12:00 EET

Opening ACCC Impact Week

Aims and expectations Academician Markku Kulmala, INAR



Excellent science connecting research & stakeholder communities:

Sergej Zilitinkevich memorial seminar in Atmospheric and Earth System Sciences

12:30 - 16:00

Invited talks in atmospheric sciences on:

Use of Sergej Zilitinkevich's turbulence theories for improved local-scale weather and climate forecasts.

- Sergei Zilitinkevich: between natural sciences and the Humanities?
- Big Data in Earth sciences studies
- Scientific cooperation and global political constrains

Award Ceremony: 1st Sergej Zilitinkevich award laureate

International Eurasian Academy of Sciences (IEAS) meeting

#ACCCImpact

Venue: Sofia Cultural Centre, Helsinki & online. Registration: e-Form (please see ACCC website for details).

Wed 8.Dec



Climate change – Air Quality Forum: from deep understanding to practical 4th Sofia Earth Forum

09:00 - 17:00

Green Transition - moderated talks

Green transition and verification needs on landbased climate mitigation with perspectives of society and international collaboration.

ACCC Stakeholder's Forum

Discussion in groups on green transition and end user needs for different knowledge and data services.

? What can the ACCC Flagship provide for its different stakeholders?

? What are the end-user needs for science based services, data or education?

? What are the areas we could collaborate and co-design together?

Impact Week, 7-10 Dec. 2021

#ACCCImpact

Thu 9.Dec



09:00 - 17:00

ACCC Arctic Dimension

Arena for Arctic Sciences Collaboration (AASCO) Sponsored by Prince Albert II Foundation

Virtual greetings President Tarja Halonen HRH Prince Albert II of Monaco

Highlighted talks:

President Lars Kullerud, Universites of Arctic Professor Timo Vihma, Finnish Meteorological Institute DG Clima European Commission

Arctic science collaboration: talks and panel discussion:

? What are the key gaps andfuture research needs in the Arctic?

Perspectives by by AASCO partners:

Institute for Atmospheric & Earth System Research (INAR), Digital Belt & Road (DBAR), Aerospace Information Research Institute at the Chinese Academy of Sciences (AIR-CAS), Moscow State University (MSU), Svalbard Integrated Arctic Earth Observing System (SIOS), Harvard Law School, World Meteorological Organisation (WMO), U-Arctic.

Fri 10.Dec



ACCC Climate Change and Air Quality Roundtable for Stakeholders 4th Sofia Earth Forum

09:00 - 12:30

Invited talks on climate actions & civil engagement Church representatives & the Permanent Secretaries of different ministries.

? What can we do as individuals to achieve a safe climate and clean air?

"Climate Actions by societies and civil engagement", panel discussion with invited Finnish NGOs. (Note this session will be in Finnish)

End of Impact Week



ACCC Stakeholders

The ACCC consortia counts with the expertise of key stakeholders to cocreate knowledge-based solutions.

The collaboration partners representing the policy making sectors, private sector and other stakeholders are in close interaction with the research programs and participate in the impact programs.

If you are interested in collaborating with us, please write to us: acccflagship@helsinki.fi

- 1. ACTRIS European RI for Aerosol, Clouds and Trace Gases
- 2. Airmodus Ltd.
- 3. Baltic Sea Action Group (BSAG)
- 4. City of Helsinki
- 5. City of Kuopio
- 6. City of Vantaa
- 7. Claned Ltd.
- 8. Climate Leadership Coalition (CLC)

- 9. Digital Belt and Road AirCAS, China
- 10. Dekati Ltd.
- 11. Deloitte Ltd.
- 12. Eastern Lapland Federation of Municipalities
- 13. eLTER European long-term ecosystem research
 - ecosystem resear
- 14. Finnair
- 15. Future Earth
- 16. Helsinki Institute of Sustainability Science

(HELSUS) 17. HINKU - Carbon Neutral Municipalities 18. ICOS-ERIC Integrated Cabon **Observation System** 19. IIASA- International Institute for Applied Systems Analysis 20. Karsa Ltd. 21. KPMG - global network of firms for audit services 22. Kuopion Energia 23. Ministy of Transport & Communication 24. Moscow State University, Russia 25. Neste

- 26. Nanjing University, China
- 27. Partioaitta Ltd.

28. Pegasor Ltd. 29. Russian Academy of Sciences, Russia 30. S-Group 31. The Finnish Innovation Fund Sitra 32. Solita 33. ST1 34. Finnish Environmental Institute (SYKE) 35. UPM 36. Useless 37. Vaisala 38. Valio 39. World Meteorological Organization (WMO) 40. Wärtsilä

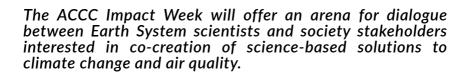
#ACCCImpact



Impact Week organizing team:

Hanna Lappalainen, Anna Lintunen, Rosa Rantanen, Stephany Mazon, Alla Borisova, Tero Siili, Sampsa Martikainen, Oskari Kangasniemi, Santtu Mikkonen, Otso Peräkylä, Silja Häme

🛛 acccflagship@helsinki.fi



Warm welcome from the ACCC Directors,

Markku Kulmala, Jaana Bäck, Ari Laaksonen, Miikka Dal Maso, Annele Virtanen

Organizer

ACCC Impact Tasks PanEurasian Experiment (<u>PEEX</u>) Program Arena for the Arctic Science Collaborations, <u>AASCO</u> International Eurasian Academy of Sciences (<u>IEAS</u>)

In collaboration with:

Sofia Cultural Centre, Helsinki Finnish Ecumenical Council Universities of Arctic (UArctic) Climate Leadership Council (CLC)

