



# ACCC Impact Week

Designing science-based solutions  
for clean air & safe climate

7-10 Dec. 2021



UNIVERSITY OF HELSINKI



Tampere University  
Tampere University



UNIVERSITY OF  
EASTERN FINLAND



LUT UNIVERSITY  
LUT UNIVERSITY  
LUT UNIVERSITY

# 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 Sergei 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 constraints

**Award Ceremony:** 1st Sergei 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



09:00 - 17:00

## Climate change – Air Quality Forum: from deep understanding to practical

4th Sofia Earth Forum

### Green Transition - moderated talks

Green transition and verification needs on land-based 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?*



## Thu 9.Dec



### ACCC Arctic Dimension

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

09:00 - 17:00

#### Virtual greetings

President Tarja Halonen  
HRH Prince Albert II of Monaco

#### Highlighted talks:

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

#### Arctic science collaboration: talks and panel discussion:

? *What are the key gaps and future research needs in the Arctic?*

#### Perspectives 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**  
CLEAN AIR. SAFE CLIMATE.

# ACCC Stakeholders

The ACCC consortia counts with the expertise of key stakeholders to co-create 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:  
[accflagship@helsinki.fi](mailto:accflagship@helsinki.fi)

- |   |   |
|---|---|
| 1. ACTRIS - European RI for Aerosol, Clouds and Trace Gases | 9. Digital Belt and Road – AirCAS, China          |
| 2. Airmodus Ltd.  | 10. Dekati Ltd.                                   |
| 3. Baltic Sea Action Group (BSAG)                           | 11. Deloitte Ltd.                                 |
| 4. City of Helsinki   | 12. Eastern Lapland Federation of Municipalities  |
| 5. City of Kuopio   | 13. eLTER - European long-term ecosystem research |
| 6. City of Vantaa   | 14. Finnair                                       |
| 7. Claned Ltd.  | 15. Future Earth                                  |
| 8. Climate Leadership Coalition (CLC)                       | 16. Helsinki Institute of Sustainability Science  |

- |   |   |
|---|---|
| (HELSUS)  | 28. Pegasor Ltd.                            |
| 17. HINKU - Carbon Neutral Municipalities                       | 29. Russian Academy of Sciences, Russia     |
| 18. ICOS-ERIC Integrated Carbon Observation System              | 30. S-Group                                 |
| 19. IIASA- International Institute for Applied Systems Analysis | 31. The Finnish Innovation Fund Sitra       |
| 20. Karsa Ltd.  | 32. Solita                                  |
| 21. KPMG - global network of firms for audit services           | 33. ST1                                     |
| 22. Kuopion Energia   | 34. Finnish Environmental Institute (SYKE)  |
| 23. Ministry of Transport & Communication                       | 35. UPM                                     |
| 24. Moscow State University, Russia                             | 36. Useless                                 |
| 25. Neste   | 37. Vaisala                                 |
| 26. Nanjing University, China                                   | 38. Valio                                   |
| 27. Partioaita Ltd.   | 39. World Meteorological Organization (WMO) |
|   | 40. Wärtsilä                                |


## #ACCCImpact

Follow us:  @ACCC\_FS

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

 [accflagship@helsinki.fi](mailto:accflagship@helsinki.fi)



*The ACCC Impact Week will offer an arena for dialogue between Earth System scientists and society stakeholders interested in co-creation of science-based solutions to climate change and air quality.*

**Warm welcome from the ACCC Directors,**

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

### **Organizer**

ACCC Impact Tasks

PanEurasian Experiment ([PEEX](#)) Program

Arena for the Arctic Science Collaborations, [AASCO](#)

International Eurasian Academy of Sciences ([IEAS](#))

### **In collaboration with:**

[Sofia Cultural Centre](#), Helsinki

[Finnish Ecumenical Council](#)

Universities of Arctic ([UArctic](#))

Climate Leadership Council ([CLC](#))



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**UArctic**



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EKUMENISKA RÅDET I FINLAND  
FINNISH ECUMENICAL COUNCIL



EUROPEAN  
CENTRE



Pan-Eurasian Experiment

**PEEX**



Arena for the Gap Analysis of  
the Arctic Science Co-Operation

**Sponsors:**



**PRINCE ALBERT II  
OF MONACO  
FOUNDATION**

