



Multidisciplinary perspectives on climate change and environmental sustainability / Klimata pārmaiņas un vides ilgtspēja dažādās nozarēs un disciplīnās

Thursday, 16 April 2026, 8.30 a.m (session starts at 9:00)

University of Latvia, House of Science, Riga, Jelgavas street 3

Programma | Programme

8:30 – 9:00	Room 105 - Registration, technical check and poster set-up	
	Morning session ROOM 105 Jelgavas street 3 Chairs: Iveta Šteinberga/ Olga Sozinova	
09.00–09.15	Gaidis Klāvs Institute of Electronics and Computer Science Latvia	Analytical tools for assessing greenhouse gas emission reduction paths to achieve Latvia's climate neutrality goal.
09.15–09.30	Zanda Gailume-Zohara Riga Stradins University Latvia	Perception and implementation of environmental sustainability measures in Latvian state-sector hospitals
09.30–09.45 (remotely)	Franziska Zemmer Fondazione Edmund Mach, Italy	Does the airborne pollen spectrum of Alpine sites reflect local vegetation?
09.45–10.00	Alise Zommere University of Latvia Latvia	From forestry residues to food colourants: optimised extraction and encapsulation-based stabilization of chlorophyll from conifer needles
10.00–10.15	Oskars Kaļva University of Latvia Latvia	Sustainability data modelling using system dynamics model
10.15–10.30	Annija Danenberga Latvia University of Life Sciences and Technologies, Latvia	Reframing peat soils in transboundary river basins as critical climate, hydro-environmental and socio-economical infrastructures
10.30–11.00	Coffee break/ discussions	
	Plenary session ROOM ALFA Jelgavas street 3 Moderators: Olga Sozinova/ Iveta Šteinberga	
11.00–12.30	Renārs Kairis University of Latvia	Sustainability Roadmap at the University of Latvia
	Olga Mutere University of Latvia	Evaluation of functional capacity and plastic-degrading potential of Bacillus spp. and other bacteria derived from the Getliņi landfill
12.30–13.30	Lunch break (not sponsored)	
	Afternoon session ROOM 105 Jelgavas street 3 Chairs: Agrita Briede/ Iveta Šteinberga	
13.30–13.45 (remotely)	Ksenia Jović University of Novi Sad Serbia	Airborne fungi in Pannonian plain - assessment of different analytical approaches
13.45–14.00	Vikija Kupča University of Latvia Latvia	Comparative analysis of source apportionment in urban and remote marine environments
14:00 – 14:15	Evelina Niedrīte University of Latvia Latvia	A valorisation-based approach to invasive plant control: pellet fuel and biochar production

14:15 – 14:30	Linars Klavins University of Latvia Latvia	Cascading valorisation of coniferous logging residues within a circular forestry biorefinery
14.30–15.00	coffee break, discussions	
	Afternoon session ROOM 105 Jelgavas street 3 Chairs: Agrita Briede/ Olga Sozinova	
15:00 – 15:15 (remotely)	Ieva Siksnane Latvia University of Life Sciences and Technologies Latvia	Seasonal dynamics of agricultural runoff and its implications for climate-resilient and sustainable water governance in Latvia
15:15 – 15:30 (remotely)	Viktoria Rodinkova National Pirogov Memorial Medical University Ukraine	Synergistic impact of pleosporales on seasonal allergen exposure in Vinnytsia due to spore cross-reactivity
15:30 – 15:45	Oskars Purmalis University of Latvia Latvia	Water reuse as a tool for Baltic Sea pollution reduction and conserving water resources
15:45 – 16:00	Discussions, short break	
16:00 – 16:45	Poster session 2nd FLOOR Jelgavas street 3 Chairs: Olga Sozinova /Agrita Briede/ Iveta Šteinberga	
16:15 – 16:45	Kristaps Zariņš, Emīls Geogrs Siders <i>Rīga Stradiņš University Latvia</i>	ZM-8-47 The formation of <i>homo climaticus</i> through normative and ethical transformation as a prerequisite for socially responsible healthcare systems.
	Markuss Lacis, Anda Ābola <i>Institute of Atomic Physics and Spectroscopy, LU Latvia</i>	ZM-8-48 Preliminary study of mercury concentrations in rainwater.
	Linda Ansone-Bērtiņa , Lauris Arbidāns, Māris Kļaviņš, Mārcis Mezulis <i>University of Latvia Latvia</i>	ZM-8-49 Hydrothermal carbonization as a tool for biomass waste treatment to obtain new valuable products.
	Gintautas Stankūnavičius , Vaiga Vyšniauskienė <i>Vilnius University State Scientific Research Institute Nature Research Centre Lithuania</i>	ZM-8-50 Atmospheric circulation and air-mass changes during thermal anomaly days in the Southeastern Baltic (1951–2020).
	Janis Brizga, Santa Krastiņa, Kārlis Lakševics, Iveta Steinberga <i>University of Latvia Latvia</i>	ZM-8-51 Citizen-based air quality monitoring in Riga: insights from the “ELPO, RIGA!” project.
	Gintarė Dapkuviene, Aisté Gričiūte, Mantas Jazdauskas, Kamilė Skinkyte, Deividas Stragis , Jolita Vroblevičiene <i>Vilnius University Lithuania</i>	ZM-8-52 Determination of Solar activity cycles in the climatic series of average air temperature in Vilnius.
	Olga Sozinova , Uldis Bethers, Jānis Bikše, Iveta Šteinberga, Tija Sīle <i>University of Latvia Latvia</i>	ZM-8-53 The Copernicus ECMWF atmospheric monitoring service National Collaboration Programme for Latvia.
	Julija Jacina, Olga Sozinova , Blaž Cugmas, Laura Goldberga, Eva Štruc <i>University of Latvia Latvia</i>	ZM-8-54 Atmospheric bioaerosols and canine atopic dermatitis: a biometeorological approach to understanding environmental allergen exposure
17:00	Closing ceremony of the conference (2nd floor Jelgavas street 3)	