



**Cracow University
of Technology**



14th International Arch-Eco Conference

Healthy Living Environment

29th May 2026

Conference link:

<https://teams.microsoft.com/meet/36412416182446?p=Ky2XrOI7ZNxZ42xcQc>

CONFERENCE PROGRAM

9:40-10:00 Welcome ceremony

<https://teams.microsoft.com/meet/36412416182446?p=Ky2XrOI7ZNxZ42xcQc>

10:00- 11:15 Session I

Problem area: Environmental determinants in shaping healthy residential areas

11:15-11:30 Przerwa (Break)

<https://teams.microsoft.com/meet/361071511277190?p=GIQ5K7Vk2tMgyk5Dgi>

11:30-13:30 Session II

Problem area: Environmental determinants in shaping healthy residential areas

<https://teams.microsoft.com/meet/361071511277190?p=GIQ5K7Vk2tMgyk5Dgi>

13:30-14:30 Discussion panel I&II

Session I: Environmental determinants in shaping healthy residential areas.			
Moderators: prof. dr hab. inż. arch. Tomasz Kozłowski, prof. dr hab. inż. arch. Justyna Kobylarczyk			
1. (PhD Cand.)	David Akopian	Participatory Approach for Urban Streams Restoration	Kyiv National Academy of Fine Arts and Architecture
2. (PhD Cand.)	Oleh Hubanishchev	Aspects of perception of public underground space	Kyiv National Academy of Fine Arts and Architecture
3. (PhD Cand.)	Katarzyna Jamioł, Weronika Kukowska	Urban parks in the context of cities' adaptation to the effects of climate change	Faculty of Architecture, University of Technology, Cracow
4. (PhD Cand.)	Manar Kustabayeva	Modernism in the architecture of Kazakhstan	Kazakh National Research Technical University (Satbayev University)
5. (PhD Cand.)	Yerssyl Aidar	Formations in the architecture of Kazakhstan	Kazakh National Research Technical University (Satbayev University)
6.	Kamila Przebięda	Suburbanization and its impact on the degradation of the residential environment	Faculty of Architecture, University of Technology, Cracow
7.	Martyna Rozum, Bartosz Puchała	Overpopulation over population: Krakow case study	Faculty of Architecture, University of Technology, Cracow
		Przerwa (Break) 11:15-11:30	

Session II: Environmental determinants in shaping healthy residential areas.			
Moderators: prof. Olena Oliynyk, dr inż. arch. Karolina Dudzic -Gyrkovich			
8.	Julia Łuczak	Walkable Neighbourhoods: How Urban Design Influences Residents' Health.	Faculty of Architecture, University of Technology, Cracow

9.	Anastasiia Saichuk	Design and installation of automated irrigation systems in landscaped and park areas	National University of Kyiv
10.	Lytvynchuk Daria	Inclusive Landscape Design for a Human-Centered Approach	Kyiv National University of Construction and Architecture
11.	Rozhko Yelyzaveta	Formation of a modern public space within the Fedir Mershavtsev Park	Kyiv National University of Construction and Architecture
12.	Katsiaryna Zhuk, Aleksandra Andriushkevich	A City Without Breath: The Impact of Concrete Urban Spaces on Residential Health	Faculty of Architecture, University of Technology, Cracow
13.	Hura Elvira	Mindful Urbanism: Integrating Therapeutic Landscapes into High-Density Cities	Kyiv International University (KyMU)
14.	Joanna Mozdzeń	Overheating in residential buildings as an emerging health risk	Faculty of Architecture, University of Technology, Cracow
15.	Wiktoria Sitko	Biophilic Design: Enhancing mental wellbeing through nature-integrated living spaces.	Faculty of Architecture, University of Technology, Cracow
16.	Daria Dziób, Iga Dobosz	The Role of Green Roofs in Sustainable Urban Development	Faculty of Architecture, University of Technology, Cracow
17.	Lilianna Wyczesany	Biophilic Design as a Strategy for Creating Healthy Residential Environments	Faculty of Architecture, University of Technology, Cracow
18.	Magdalena Jaros, Oskar Mazur	Water as an element of residential space - a chance to improve its quality	Faculty of Architecture, University of Technology, Cracow
		Discussion panel	

10:00- 11:15 Session III

Problem area: Contemporary threats to a high-quality residential environment

11:15-11:30 Przerwa (Break)

<https://teams.microsoft.com/meet/379900016519315?p=mqh0rCgvKCLVTqSPVV>

11:30-13:30 Session IV

Problem area: Contemporary threats to a high-quality residential environment

<https://teams.microsoft.com/meet/379900016519315?p=mqh0rCgvKCLVTqSPVV>

13:30-14:30 Discussion panel III&IV

Session III: Contemporary threats to a high-quality residential environment.			
Moderators: dr inż. arch. Agnieszka Wójtowicz- Wróbel, dr Beyza Karadenis			
1. (PhD Cand.)	Roman Savchenko	Environmental Comfort Parameters of a Residential Area Community Center	Kyiv National Academy of Fine Arts and Architecture
2. (PhD Cand.)	Ivan Seleshok	Applying the principles of sustainable development in the design of social housing	Kyiv National Academy of Fine Arts and Architecture
3. (PhD Cand.)	Tomasz Jaróg, Oliwia Szadkowska	Urban Greenery Transformation and Microclimatic Conditions in Krakow's Old Town Public Spaces	Faculty of Architecture, University of Technology, Cracow
4. (PhD Cand.)	Piotr Hetmańczyk	Threat or opportunity? Public participation in spatial planning after the 2023 reform – a comparison of selected European and global models	Faculty of Civil Engineering and Architecture, Kielce University of Technology
5. (PhD Cand.)	Jakub Knappek (PhD Cand.), Daniel Nowak	Modular housing - risk or hope for life quality?	Faculty of Architecture, University of Technology, Cracow
6. (PhD Cand.)	Anna Dunin-Wąsowicz	Designing apartments for seniors. Assistance in living independently for longer.	Faculty of Architecture, University of Technology, Cracow
7. (PhD Cand.)	Hifza Fatma	Thermal Stress and User Trajectories: Restructuring High-Strain Urban Enclaves into Climate-Resilient Public Commons	Department of Architecture, Jamia Millia Islamia, New Delhi
		Przerwa (Break) 11:15-11:30	

Session IV: Contemporary threats to a high-quality residential environment. Moderators: dr inż. arch. Elżbieta Kusińska			
8.	Zuzanna Rosa	Negative impact of Data Centers	Faculty of Architecture, University of Technology, Cracow
9.	Maja Sobczak	Over-Urbanization and Its Impact on Residents' Mental Health	Faculty of Architecture, University of Technology, Cracow
10.	Bilyk Ann	Urbanized Soil as a Key Factor in the Development and Stability of Green Corridors	National University of Kyiv
11.	Miłosz Załubski	Reversibility and adaptability: Architecture for a circular economy.	Faculty of Architecture, University of Technology, Cracow
12.	Zuzanna Nowak	Chrono-urbanism as a solution for healthy living environment	Faculty of Architecture, University of Technology, Cracow
13.	Gabriela Wiecha	The Role of Active Mobility in Enhancing Mental Well-being of Urban Residents	Faculty of Architecture, University of Technology, Cracow
14.	Amelia Buda	The Dark Side of Light: Impact of Urban Light Pollution on Residential Environment Quality	Faculty of Architecture, University of Technology, Cracow
15.	Gabriela Kawa, Weronika Lebica	The impact of ambient air on living environment	Faculty of Architecture, University of Technology, Cracow
16.	Tina Deaka Núria Ferrer Mariana Gil Florez Miłosz Załubski Ilze Paklone Yermek Yessenov	Creating inclusive environments I – Ainterior Kraków	RISEBA UCHCEU POLIMI PK RISEBA RISEBA
17.	Kacper Garus Amina Mesdour Fathah Mohammed Roché Rabie Ksenija Šaicāne Gabriela Wiecha	Creating inclusive environments II - Ainterior Valencia	AGH CEU CEU POLIMI RISEBA PK
18.	Paula Villamil Karolina Hornik Amina Mesdour Victor Radelytskyi	Creating inclusive environments III - Ainterior Riga	POLIMI PK CEU RISEBA

19.	Kinga Łuczyńska, Jan Turaj	Sick building syndrome	Faculty of Architecture, University of Technology, Cracow
		Discussion panel	

10:00- 11:15 Session V

Problem area: Health-promoting determinants and the quality of residential areas

11:15-11:30 Przerwa (Break)

<https://teams.microsoft.com/meet/396009493589590?p=VSzoJGEfXHOWzx4sLs>

11:30-13:30 Session VI

Problem area: Health-promoting determinants and the quality of residential areas

<https://teams.microsoft.com/meet/396009493589590?p=VSzoJGEfXHOWzx4sLs>

13:30-14:30 Discussion panel V&VI

	Session V: Health-promoting determinants and the quality of residential areas.		
	Moderators: dr inż. arch. Maria Lubelska, dr Lilia Gnatyuk		
1. (PhD)	Natalia Trofimova	The Emergence and Development of Summer Cottage Settlements around Kyiv in the Late 19th and Early 20th Centuries.	Kyiv National Academy of Fine Arts and Architecture
2.(PhD)	Wojciech Młynek	Environmental determinants in railway infrastructure adaptation as a tool for shaping healthy residential areas	Faculty of Architecture, University of Technology, Cracow
3. (PhD)	Patrycja Seruga	City from an Ageing Perspective: Evaluating Urban Space Using an Ageing Simulation Suit	Faculty of Architecture, University of Technology, Cracow
4.	Maciej Szymacha	Social Longevity by Design: Creating Intergenerational Housing Clusters to Combat Urban Isolation.	Faculty of Architecture, University of Technology, Cracow
5.	Justyna Matyja	Natural Materials and Non-Toxic Residential Architecture	Faculty of Architecture, University of Technology, Cracow

6.	Selenay Çınar	A Preliminary Investigation into the Relocation of the City Square in Rize City Center: Implications for Pedestrian Circulation, Spatial Integration, and Topography	Karadeniz Technical University, Institute of Science, Urban and Regional Planning
		Przerwa (Break) 11:15-11:30	

Session VI: Health-promoting determinants and the quality of residential areas. Moderators: dr hab. inż. arch. Patrycja Haupt, prof. PK			
7.	Vovk Anhelina	The Role of Parklets in the Innovative Formation of Public Spaces in Modern Cities	National University of Kyiv
8.	Karina Diadiun	Studying the state of biodiversity in urban green spaces	National University of Kyiv
9.	Michał Kubajak	Designing for silence: The value of quiet spaces in urban housing	Faculty of Architecture, University of Technology, Cracow
10.	Filonenko Artem	Mechanisms for enhancing the adaptive capacity of ornamental plants in urban environments through mineral nutrition	National University of Kyiv
11.	Patrycja Kozik	Smart Ecology: Integrating Technology and Nature in Healthy Housing Design	Faculty of Architecture, University of Technology, Cracow
12.	Yelyzaveta Tsepur	An impressionistic approach to the organisation of landscape space	National University of Kyiv
13.	Maria Ulicka	Technological and environmental transformations regarding the historical housing environment.	Faculty of Architecture, University of Technology, Cracow
14.	Karolina Hornik	Light Pollution as an Underrecognized Threat to the Residential Environment	Faculty of Architecture, University of Technology, Cracow
15.	Klaudia Dzióbek, Paulina Ferenc	High quality of the housing environment in public perception	Faculty of Architecture, University of Technology, Cracow
16.	Małgorzata Wandzel i Natalia Duszkiewicz	Return to Traditional Passive Solutions in Contemporary Architecture	Faculty of Architecture, University of Technology, Cracow

17.	Zuzanna ZaŹazińska	How design shapes interpersonal communication in a residential area and its impact on the residents' mental health	Faculty of Architecture, University of Technology, Cracow
18.	Matylda Kowalska	Tiny houses and the quality of everyday living	Faculty of Architecture, University of Technology, Cracow
		Discussion panel	
		END OF CONFERENCE	