



13th International Arch-Eco Conference

Climate

30th May

Conference link:

<https://teams.microsoft.com/l/meetupjoin/19%3a782be7dc9de84e51af6ba8e94edbcbe0%40thread.tacv2/1747690973845?context=%7b%22Tid%22%3a%225cf2acf2-acb44f1d-8076-6eda3f181eed%22%2c%22Oid%22%3a%22d0c07992e4e1-4440-8133-93fb08b1a394%22%7d>

CONFERENCE PROGRAM

Welcome ceremony

8:30 -9:00

Session I – The city in the past and today

9:00- 11:10

Moderators:

prof. dr hab. inż. arch. Justyna Kobylarczyk, dr hab. inż. arch. Patrycja Haupt, prof. PK

The city in the past and today			
PhD	Dr inż. arch. Oleksandr Iwaszko, Prof. dr hab. inż. arch. Julia Iwaszko	Transformation of the urban fabric during the war.	Kyiv National University of Construction and Architecture
PhD	Phd Yuelin Wu, prof. dr hab. inż. arch. Julia Iwaszko	Polychrome of traditional Chinese architecture in the landscape: the image of the city.	Kyiv National University of Construction and Architecture
PhD	Phd Aidar Erasyil Aidarly	Typology of historical religious buildings in selected cities of Kazakhstan.	PhD Candidate, Satbayev University The Republic of Kazakhstan
PhD	Phd Kustaubaeva Manar Mukhtarovna	Analysis of historical public buildings in selected cities of Kazakhstan.	PhD Candidate, Satbayev University The Republic of Kazakhstan

PhD	Phd Dina Bukenbaevna	Principles of shaping the facades of contemporary buildings in selected cities of Kazakhstan.	PhD Candidate, Satbayev University The Republic of Kazakhstan
PhD	Juraboev Avliyobek	Feasibility study of fluctuating wind pressure in the road tunnels as a potential energy-harvesting source: A case study of Tashkent city.	PhD Candidate, Department of Power Supply and Renewable energy sources TIAME National Research University Uzbekistan
PhD	Piotr Hetmańczyk	Increasing public participation in the creation of local laws over the last 79 years using the example of changes in the public participation procedure.	PhD Candidate, Kielce University of Technology, Civil Engineering and Architecture
1.	Davyd Akopian	Spatial planning organization of the coastal territory of small rivers of Ukrainian cities.	National Academy of Fine Arts and Architecture
2.	Maksym Denysov	Identification of heat islands in built-up areas.	Kyiv National University of Construction and Architecture
3.	Oleksandr Kuikow	The historic center of Odessa and its protection.	Kyiv National University of Construction and Architecture
4.	Yeskuatova Aygera	Supplying residential building with electricity through hybrid system in the climatic conditions of Karakalpakstan.	Department of Power Supply and Renewable energy sources TIAME National Research University Uzbekistan
5.	Komilov Shamsiddin	Optimizing the mirror-incorporating systems of the Small Solar Furnace to increase its efficiency.	Department of Power Supply and Renewable energy sources TIAME National Research University Uzbekistan
6.	Khoshimova Mokhirabonu	Determining the rational configuration of a hybrid microgrid based on renewable energy sources.	Department of Power Supply and Renewable energy sources TIAME National Research University Uzbekistan

Session II – Sustainable design with care for the human living environment.

11:10 -13:20 Moderator:

dr inż. arch. Maria Lubelska

Sustainable design with care for the human living environment.			
PhD	mgr inż. arch. Patrycja Seruga	City in motion: Designing Physical Activity Spaces in the Era of Ecological Awareness.	PhD Candidate, Faculty of Architecture, University of Technology, Cracow
PhD	Parpiyeva Sevaraxon	A Bibliometric review on optimization of micro hydropower turbines.	PhD Candidate, Department of Power Supply and Renewable energy sources TIAME National Research University Uzbekistan
1.	Miłosz Kozłeki	Environmental aspects of sustainable development of the city.	Faculty of Architecture, University of Technology, Cracow
2.	Klaudia Dzióbek, Paulina Ferenc	The impact of greenery in the city on the effects of climate change and the quality of life of residents. A case study based on the city of Krakow.	Faculty of Architecture, University of Technology, Cracow
3.	Amelia Buda	Zero-Emission Architecture: Dream or Reality?	Faculty of Architecture, University of Technology, Cracow
4.	Tomasz Jaróg	Sustainable Adaptation of Urban Rivers: A Case Study of the Prądnik-Białucha River in Krakow.	Faculty of Architecture, University of Technology, Cracow
5.	Katarzyna Jamioł Weronika Kukowska	Eco-villages as a model of sustainable living environment.	Faculty of Architecture, University of Technology, Cracow
6.	Ewa Siuda	Preserving the Past, Building for the Future: Climate-Responsive Renovation in Historic European Cities.	Faculty of Architecture, University of Technology, Cracow
7.	Angelika Szydłowska	The Future of Cities: Planning for Aging Populations.	Faculty of Architecture, University of Technology, Cracow
8.	Jakub Potoniec	Upcycling building materials.	Faculty of Architecture, University of Technology, Cracow
9.	Bartosz Puchała, Martyna Rozum	Why should we care? The philosophy of sustainable design in face of climate change.	Faculty of Architecture, University of Technology, Cracow
10.	Khamdamov Saidmurodjon	Research of asymmetrical process in distribution electric networks.	Department of Power Supply and Renewable energy sources TIAME National Research University Uzbekistan

Session III – Architecture of the future in the context of climate change.

13:10-14:50

Moderator:

dr inż. arch. Agnieszka Wójtowicz-Wróbel

Architecture of the future in the context of climate change.			
PhD	Qushakov Sherzod	Light transmittance and effects on plants of semi-transparent solar panels made from conventional solar cells.	PhD Candidate, Department of Power Supply and Renewable energy sources TIIAME National Research University Uzbekistan
PhD	Ivan Seleshok	Reuse of building materials in the reconstruction of social housing as a component of sustainable development.	PhD Candidate, National Academy of Fine Arts and Architecture
1.	Wiktoria Sitko	Architecture as a Tool in the Fight Against the Climate Crisis: From Passivity to Active Regeneration.	Faculty of Architecture, University of Technology, Cracow
2.	Justyna Matyja	Designing for Climate: How Natural Materials are Shaping the Future of Architecture.	Faculty of Architecture, University of Technology, Cracow
3.	Kamila Przebięda	Sponge cities as a solution to combat the effects of climate change.	Faculty of Architecture, University of Technology, Cracow
4.	Sebastian Pawlik	Future-Proofing Cities Against Climate Change.	Faculty of Architecture, University of Technology, Cracow
5.	Joanna Możdżeń, Julia Łuczak	Smart buildings and cities of the future as a response to the climate crisis.	Faculty of Architecture, University of Technology, Cracow
6.	Katarzyna Gugąła	Breaking the unbreakable: Methods of recycling concrete.	Faculty of Architecture, University of Technology, Cracow
7.	Avliyakulova Sanobar	Formation of a local solar power plant with modern energy storage systems.	Department of Power Supply and Renewable energy sources TIIAME National Research University Uzbekistan
8.	Zokirov Islomjon	The role of micro-hydroelectric power plants (micro-HPPs) in the electricity supply of City.	Department of Power Supply and Renewable energy sources TIIAME National Research University Uzbekistan

Break until 15:10

Session IV – Urban design taking into account climate change.

15:10- 17:20 Moderators: dr inż. arch. Elżbieta Kusińska, dr inż.

arch. Karolina Gyurkovich

Urban design taking into account climate change.			
PhD	Serhiy Derkach	Landscaping of the surrounding area as part of the modernization of residential building.	PhD Candidate, National Academy of Fine Arts and Architecture
PhD	Patryk Lenik	"Totalitarianism embedded in space: an analysis of how the spatial configuration of Nowa Huta influences its users"	PhD Candidate Cracow University of Technology
1.	Bernadetta Gawron Magdalena Jaros	Urban planning and design as a way to adapt cities to the dynamics of climate change.	Faculty of Architecture, University of Technology, Cracow
2.	Artur Tomaszek	Sponge city concept in the context of the "New City" plan in Cracow	Faculty of Architecture, University of Technology, Cracow
3.	Katarzyna Folta, Mateusz Krzystoń	The Concept of a Green City in the Future of Urban Design	Faculty of Architecture, University of Technology, Cracow
4.	Miłosz Załubski	The inapparent impact of trees on the landscape of a city and its inhabitants.	Faculty of Architecture, University of Technology, Cracow
5.	Weronika Lebica	Why water is crucial to climate change mitigation	Faculty of Architecture, University of Technology, Cracow
6.	Kinga Łuczyńska	Green roofs and vertical gardens as solutions to urban heat island.	Faculty of Architecture, University of Technology, Cracow
7.	Maja Sobczak- Rzewnicka	Sustainable Building Materials.	Faculty of Architecture, University of Technology, Cracow
8.	Matylda Kowalska	A city without breath: how planning mistakes led to concrete domination in Poland?	Faculty of Architecture, University of Technology, Cracow
9.	Małgorzata Łyko	Hempcrete as an innovative material combining concrete, ecology and climate	Faculty of Architecture, University of Technology, Cracow
10.	Ivan Martens	Climate resilience of the cities.	Kyiv National University of Construction and Architecture
11.	Gabriela Kawa	Blue-green infrastructure as a response to climate change	Faculty of Architecture, University of Technology, Cracow