



BHAAAS

Bosnian-Herzegovinian American
ACADEMY OF ARTS AND SCIENCES



Sustainable Urban Development 2024

15TH
DAYS OF
BHAAAS



Sarajevo
June 20-23

Symposium program:

JUNE 20 THU

Day 1 SPECIAL SESSION with the REGIONAL COOPERATION COUNCIL
Emigration of Medical Doctors from Southeast Europe

JUNE 21 FRI

Day 2 International Symposium on Sustainable Urban Development 2024
Theme: Urban Sustainability and Architectural Preservation

SPECIAL SESSION Beyond Property Prices: Uniting Real Estate Appraisal
and new local Development Paradigm

JUNE 22 SAT

Day 3 International Symposium on Sustainable Urban Development 2024
Theme: Governance, Smart Cities, and Cultural Heritage





Sustainable Urban Development 2024 Symposium Program

RCC SPECIAL SESSION Emigration of Medical Doctors from Southeast Europe

JUNE 20 THU

Hotel Hills - room 1

The emigration of medical doctors from Southeast Europe presents a challenge to the sustainability of healthcare systems within the region. This phenomenon, often termed the "medical brain drain," significantly impacts the quality and accessibility of healthcare services, and intersects with the objectives of the South East Europe 2030 Strategy (SEE2030) and the United Nations Sustainable Development Goals (UNSDGs), focusing on prosperity, people, and peace. This session aims to delve into the multifaceted aspects of this issue, examining the causes, effects, and potential strategies for mitigating the negative consequences of healthcare professional migration.

14:00 - 14:10: Opening Remarks by RCC and BHAAAS representatives

14:10 - 15:10: Part 1 - Standard Panel Presentations

1. Quality of Health Services in SEE and Access to Universal Health Coverage

Speaker: Yana Andersen, WHO/Europe

**2. Availability of Medical Doctors and Access to Health Services in SEE
(under high emigration patterns)**

Panelist: Ms. Mira Rakacolli, Deputy Minister, Ministry of Health and Social Protection of Albania

Panelist: Mr. Valentin Veron Toma, senior researcher, Head of the Department of Cultural and Social Anthropology at the „Francisc I. Rainer“ Institute of Anthropology of the Romanian Academy

Panelist: Turkish Healthcare Sector Expert

Panelist: BiH representative

Moderator: Ambassador Milos Prica, SEE2030 National Coordinator of BiH

15:10 - 15:20: Coffee Break

15:20 - 16:50: Part 2 - Reflection session and Q&A

Panelist: Dr. Azur Tulumović, Medical Director of ASA

Panelist: Dr. Taib Delić, Director of Eurofarm

Panelist: Ambassador Milos Prica, SEE2030 National Coordinator of BiH

Panelist: Prof. Dr. Amina Valjevac, Dean of Medical Faculty University of Sarajevo

Panelist: Adem Nuhović, Medical Student Representative

Panelist: Dr. Amila Husić

16:50 - 17:00: Coffee Break

17:00 - 17:30: Part 3 - Informal Student Discussion

(An informal session is dedicated to students asking questions and discussing with the panellists and other participants in a relaxed setting)



Sustainable Urban Development 2024 Symposia Program

Urban Sustainability and Architectural Preservation

Tijana Tufek-Memišević (Candarc LLC, USA/BHAAAS)

Maja Arslanagić-Kalajdžić (University of Sarajevo-Faculty of Economics, Bosnia-Herzegovina/BHAAAS)

Naida Ademović (University of Sarajevo-Faculty of Civil Engineering, Bosnia-Herzegovina/BHAAAS)

Zina Ruždić Vrabac (Institute for Development Planning of Canton Sarajevo)

JUNE 21 FRI

Hotel Hills - room 1

Session 1: Conservation and Restoration in Architecture

8:30-8:45 Conservation strategies for Islamic Glazed tile work in pre-Mughal and Mughal monuments in Delhi, India

Mohit Dhingra (O.P. Jindal Global University, Jindal School of Art and Architecture, Sonipat, India)

8:45-9:00 Methodological procedure for preservation and restoration of Kozija ćuprija: A study on sustainability in stone masonry arch bridges

Ammar Akšamija, Lemja Chabbouh Akšamija (University of Sarajevo-Faculty of Architecture, Sarajevo, BiH)

Naida Ademović (University of Sarajevo-Faculty of Civil Engineering, Sarajevo, BiH/BHAAAS)

9:00-9:15 Restoration of modern architecture – Comparative analysis of 3 case studies: Mies van der Rohe Pavilion in Barcelona, Le Corbusier Pavilion in Zurich and BiH History Museum in Sarajevo

Adi Ćorović (International University of Sarajevo, Faculty of Architecture, Sarajevo, BiH)

9:15-9:30 Integration of the Ottoman Hammams in Bosnia and Herzegovina into Modern Life: Case Study of Isa Bey Hammam

Aliye Fatma Mataracı (Al Akhawayn University, School of Humanities and Social Sciences, Morocco)

Adi Ćorović (International University of Sarajevo, Faculty of Architecture, Sarajevo, BiH)

9:30-9:50 Q&A session

9:50-10:00 MOZAIK Foundation presentation

10:00 - 10:30 Coffee Break



Sustainable Urban Development 2024 Symposium Program

Session 2: Strategies for Smart and Sustainable Cities

10:30-10:45 Revitalization strategies for small historic towns in Asia: Focus on Shekhawati Region, Rajasthan, India

Mohit Dhingra (O.P. Jindal Global University, Jindal School of Art and Architecture, Sonipat, India)

10:45-11:00 Reimagining Urban Islands- Transformative Strategies for Plac Centralny, Krakow and similar Traffic-encircled Public Squares

Tijana Tufek Memišević (DePaul University, Chicago United States of America/BHAAAS),
Ewa Stachura (Cracow University of Technology, Faculty of Architecture, Cracow, Polska),
Zina Ruždić Vrabac (Institute for Development Planning of Canton Sarajevo)

11:00-11:15 Cultural sustainability in the program of libraries – Sarajevo case study

Senaida Halilović-Terzić, Nasiha Pozder, Adnan Pašić (University of Sarajevo-Faculty of Architecture, Sarajevo, BiH)

11:15-11:30 Role, Objectivity and Applicability of the Sustainable Development and Smart City's Indicators: Disadvantages of City Rankings Towards the Cities Outside the Highly Developed Countries of the Global North

Andrea Pavlović, Nasih Pozder (University of Sarajevo- Faculty of Architecture, Sarajevo, BiH)

11:30-11:45 Future Scenario for Sustainable Carbon Neutral Urban Planning with SMR

Dong-Seok Kim (Dong-A University, Urban planning & Engineering, Republic of Korea)

11:45 – 12:15 Q&A session

12:30 - 13:30 Lunch Break

Session 3: Community Participation and Social Sustainability

13:30 – 13:45 (Re)construction of Community - Exploring the Possibilities of Community Participation in Architectural Education

Isra Tatlić (University of Sarajevo-Faculty of Architecture, Sarajevo, BiH)

13:45-14:00 Political participation of women in Bosnia and Herzegovina - problem perception in gender analyses

Amila Ždralović (University of Sarajevo - Faculty of Law, Sarajevo, BiH)

14:15-14:30 Estimation of the Housing Price Index in Bosnia and Herzegovina

Amra Fetahović (University of Sarajevo-Centre for Interdisciplinary Studies, Sarajevo, BiH)



Sustainable Urban Development 2024 Symposium Program

14:30-14:45 Analysis of consumer apparel preferences with emphasis on sustainability in a developing country setting: Conjoint analysis approach

Esmeralda Marić, Lamija Biber (University of Sarajevo - School of Economics and Business Sarajevo, Sarajevo, Bosnia and Herzegovina)

14:00 - 14:30 Q&A session

15:00 - 15:30 Coffee Break

15:30-17:00 SPECIAL SESSION Beyond Property Prices: Uniting Real Estate Appraisal and new local Development Paradigm

Housing is a fundamental aspect that significantly enhances individuals' quality of life in various ways. In Bosnia and Herzegovina (BiH), 90% of citizens live in their own homes. However, there is a trend of internal migration, with people increasingly opting for more urbanized areas.

The value of property significantly influences consumers' decision on whether to buy or rent, as well as their choice of location to live. From an economic standpoint, the OECD recommends that households spend a maximum of 30% of their income on housing. Anything above this threshold negatively impacts citizens' lifestyles, as they have less money to allocate to other sectors such as education, culture or leisure. Another aspect that housing can influence is demography and depopulation. Families often choose to live in smaller spaces due to affordability issues, which can lead to them opting to have fewer children. Therefore, determining the affordability of real estate is crucial for local sustainable development policy.

To achieve affordable housing, we must firstly understand the factors that comprise property prices and which housing characteristics and locations our citizens value the most. While traditional methods of property price estimation exist, new paradigms in housing sustainability are emerging within the concept of sustainability.

Part 1 - Introductory presentations

Part 2 - Innovative Approaches to Real Estate Appraisal for Social Equity and Environmental Sustainability

Part 3 - Policy Recommendations for Equitable and Sustainable Real Estate Market

Panelists: Amra Fetahović, urban economist, BiH Directorate for economics planning, SDG Council BiH

Safet Kubat, PhD Candidate, Rivers of Bosnia and Herzegovina

Zina Ruždić Vrabac, Institute for Development Planning of Canton Sarajevo

Armin Đozić, Certified Real Estate Appraiser in BiH

Vedad Ćiber, Certified Real Estate Appraiser in BiH

Moderator: Nemanja Kovačević, Ministry for European Integration and International Cooperation Republika Srpska, SDG Council BiH



Sustainable Urban Development 2024 Symposium Program

Governance, Smart Cities, and Cultural Heritage

Tijana Tufek-Memišević (Candarc LLC, USA/BHAAAS)

Maja Arslanagić-Kalajdžić (University of Sarajevo-Faculty of Economics, Bosnia-Herzegovina/BHAAAS)

Naida Ademović (University of Sarajevo-Faculty of Civil Engineering, Bosnia-Herzegovina/BHAAAS)

Zina Ruždić Vrabac (Institute for Development Planning of Canton Sarajevo)

JUNE 22 SAT

Hotel Hills - room 1

Session 4: Sustainable Building and Resilience

8:30-8:45 Evaluation of Fire Evacuation Routes for Bedridden Occupants in Existing Healthcare Facilities for Sustainable Building (Re)design

Lamija Balić (International Burch University, Department of Architecture, Sarajevo, BiH),
Sanin Džidić (University of Bihać, Faculty of Technical Sciences, Department of Civil Engineering, Bihać, BiH)

8:45-9:00 Flood risk assessment in Montenegro – the current state

Ivana Ćipranić, Olga Čalasan, Milena Ostojić, Marija Jevrić (Faculty of Civil Engineering, University of Montenegro, Podgorica, Montenegro)

9:00-9:15 Fostering cities' resilience and social cohesion through schoolyard redevelopment

Zulejha Šabić-Zatrić, Senaida Halilović-Terzić (University of Sarajevo-Faculty of Architecture, Sarajevo, BiH),
Alma Hudović Kljuno (International University of Sarajevo, Faculty of Engineering and Natural Sciences, Sarajevo, BiH)

9:15-9:30 Increasing energy efficiency in Bosnia and Herzegovina – Investment analysis of UNMO Rectorate building

Elvir Zlomušica, Marko Čečez and Salko Kovačić (Džemal Bijedić University of Mostar, Mostar, BiH)

9:30-10:00 Q&A session

10:00 - 10:30 Coffee Break



Sustainable Urban Development 2024 Symposium Program

Session 5: Natural Heritage and Urban Development

10:30-10:45 Early industrial landscapes in Bosnia and Herzegovina

Tijana Veljković, Maja Pličanić (University of Sarajevo - Faculty of Pedagogy, Sarajevo, BiH)

10:45-11:00 Urban wilderness - Concept exploration and perspectives in the context of Sarajevo

Katarina Bošnjak Karadža, Ibrica Jašarević, Amar Zuka (University of Sarajevo-Faculty of Architecture, Sarajevo, BiH)

11:00-11:15 Cable car - Reconstructed Infrastructure for Inadequate Urbanization of Trebević

Smajić Eldin (International Burch University, Architecture, Sarajevo, BiH),
Senada Demirović Habibija (University "Džemal Bijedić", Mostar, BiH)

11:15-11:30 Spatial misuse of the Sarajevo Olympic mountains and the obliteration of the 1984 WOG legacy

Alma Hudović Kljuno, Leila Krivošić Dizdarević (International University of Sarajevo, Sarajevo, BiH)

11:30-12:00 Q&A session

12:30 - 13:30 Lunch Break

Session 6: Governance, Resilience, and Education

13:30-13:45 Implementation of Compliance Function at the Local Level in Montenegro: Methods of Overcoming Smart City Concept Implementation

Biljana Vučurović (Municipality of Nikšić, Nikšić, Montenegro)

13:45-14:00 State of Affairs in Building in Bosnia and Herzegovina: Corruption Check (and/or) Mate

Kenan Ademović, Mirza Ljubović, Ena Kazić-Čakar, Hana Šarkinović-Köse (International University of Sarajevo, Faculty of Law, Sarajevo, BiH)

14:00-14:15 Incorporating Sustainability in Architectural Education: Project-Based Learning as Impetus for Curriculum Reform at the University of Sarajevo - Faculty of Architecture

Mladen Burazor, Nermina Zagora, Senka Ibrišimbegović (University of Sarajevo - Faculty of Architecture, Sarajevo, BiH)

14:15-14:30 Integrative Governance, Resilience, and Sustainability: A Qualitative Analysis of Uzbekistan's Progress in Achieving 3Es of Sustainable Development Goals

Haris Alibašić (University of West Florida, Public Administration Program, United States of America),
Nilufar Zokirova (University of West Florida, Business Administration, United States of America)

14:30-14:45 Bibliometric analysis of the South East European SDG4

Nikša Alfirević (University of Split, Faculty of Economics, Business and Tourism, Split, Croatia), Aida Fošner (University of Primorska, Faculty of Management, Slovenia), Darko Rendulić (Faculty of Economics and Tourism „DR. Mijo Mirković“, Pula, Croatia)

14:45-15:15 Q&A and Closing Remarks

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