



**BHAAAS**

Bosnian-Herzegovinian American  
ACADEMY OF ARTS AND SCIENCES



# **Sustainable Urban Development 2024**

**15<sup>TH</sup>  
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 čuprija: 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 Čorović (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 Čorović (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-Memšević** (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-Çakar, 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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