



# städtebau workflow

## Cultural Heritage and Urban Transformation

01 | 2023



DAAD  
funded  
project

Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



Chair

städtebau



UNESCO-Chair for Cultural Heritage and Urbanism  
[staedtebau.rwth-aachen.de](http://staedtebau.rwth-aachen.de)

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**Prof. Christa Reicher**

Chair of Urban Design and Institute for Urban Design and European Urbanism & UNESCO Chair for Cultural Heritage and Urbanism

# CULTURAL HERITAGE AND URBAN TRANSFORMATION

Cultural heritage in its added value to urban change and transformation is immensely winning on importance nowadays due to the various benefit it encompasses within the debate of urban transformation within cities and regions. It is considered as a signpost when thinking sustainable and inclusive societies, social equity and cohesion and a stronger economic performance and higher quality of life (EU, 2019). More focus is given to this topic within the DAAD funded project in collaboration with the German Jordanian University in Jordan.

Following the opening of the unesco chair in march 2023 at the Chair for Urban Design at the RWTH Aachen Unievrsity, the embarkement on realizing its first stepstone in building a culture of heritage development between academia and practice was undertaken. It was crystalized through the conduction of two events, the UNESCO Symposium International, and the Orientation workshop few months later.

The main objective of the Symposium was to present a state-of-art view on practice and academic perspectives of intervention corresponding to cultural heritage and its impact on urban change and transformation. It strives for identifying underlying concepts that can and shall generate a better understanding, but also intervene in shaping crosscutting dimensions to enable better integration of the discipline in planning cities and regions. The Symposium has also built upon previous efforts in demonstrating how curricula development among partners can be accomplished internationally.

These stepstones correlate with an attempt towards intensifying international cooperation with the Middle East and especially the GJU, in which future development of curricula is planned and put in perspective within the relevant and ongoing efforts for better built environments and cultural heritage. The second event enabled the partners to explore dimensions of future collaboration and exchange along with a solid perspective on how curricula need to be developed and in what dimensions.

# Cultural Heritage and Urban Transformation:

Contributing to better understanding and articulation of inclusive societies through cultural heritage

Dr. Maram Tawil

Heritage value and associated cultural urban change is increasingly gaining importance due to the various benefit and added value it can yield in a city development setting such as the economic added value it provides in the scene of sustainable development of cities. Cultural heritage and correspondent urban change and urban transformation are signposts towards achieving aims such as more sustainable and inclusive societies, social equity and cohesion and a stronger economic performance and higher quality of life (EU, 2019). Crosscutting aspects are shown on various levels, where positive urban transformation can take place once culture and cultural change are considered and given the needed focus.

Cultural Heritage in this sense is perceived as an anchor to develop a better understanding and valuation of the own assets in a city or region whether architectural, cultural or social. Hence, developing a more sense of belonging and ownership by the local

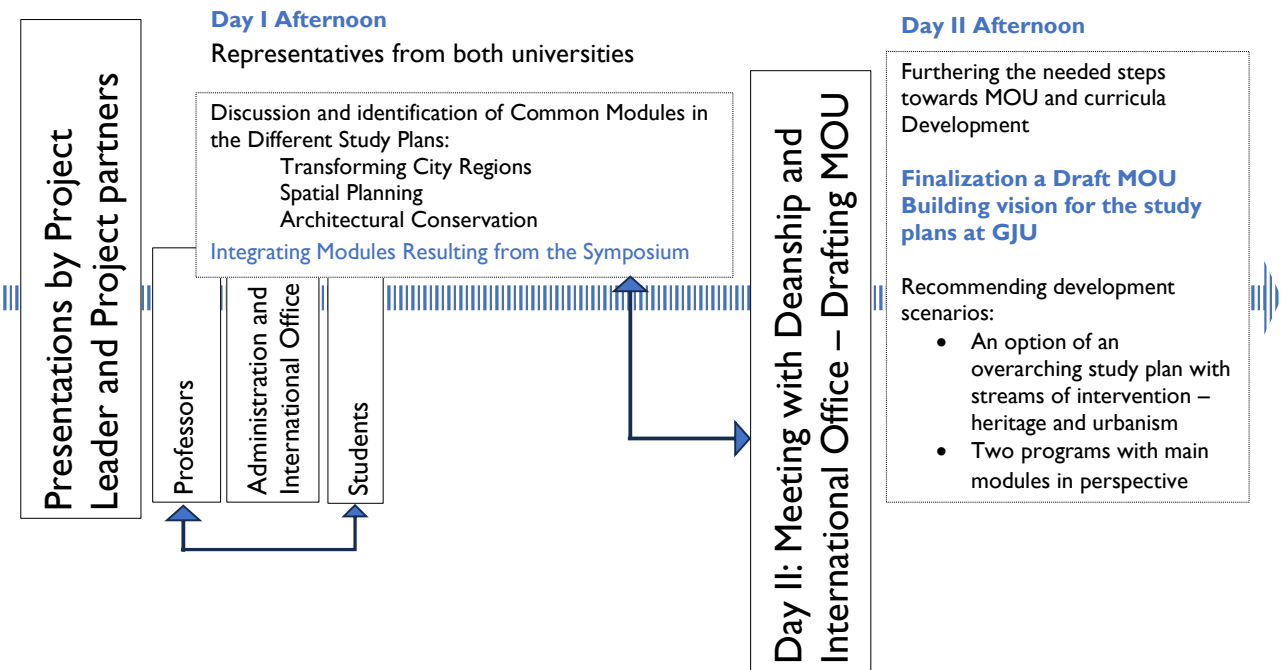
community or other actors in the setting and therewith, a development of better projected economic status through seizing the local assets on physical as well as cultural levels and bringing them to interact and correspond to sustainable strategic thinking in city and regional development. Urban Change as an outcome will be molded and developed based on learning from innovative practices based on mixed urban developments on one side and leading development through culture-led strategies and examples.

The main goal of this application is to enable and establish an exchange between researchers in the field of urban studies and Heritage studies from Jordan and the Middle East with Germany, to discuss following questions:

1. How can the collaboration prepare the cities and institutions to seize and develop their heritage structures and networks on tangible and intangible levels?
2. What can be learned from historical experiences in Germany and elsewhere?

3. How can educational institutions be part of the development in cities and regions in the Middle East?

This application will embody a start in a long-term cooperation between the RWTH Aachen and the German Jordanian University, a collaboration that started since many years with Prof. Reicher at the TU Dortmund, will be transferred and intensified on the subject of cultural heritage and its impact on urban change. Our proposal is embarking upon multi-disciplinary multi-dimensional perspective of cultural Heritage and its influence on better urban change. This perspective proves its relevance in planning inclusive societies as through linking heritage aspects with changing cultural and societal norms, more integrative solutions and positive impact of development can be envisioned. It also gains more importance with the new status of the RWTH Aachen – Chair and Institute for Urban Design as a recent holder of a UNESCO Chair, as it can officially set the lines to interlink and triangulate the notions within urban experiences.



Heritage will be tackled in multitude dimensions, on an architectural and urban levels, promoting adaptive reuse and reviving older settings on one side, and heritage, manifested through cultural change and raising identity aspects of communities within the new settings towards more inclusive societies on the other.

To tackle these points and articulate the crosscutting fields of interest, four levels of intervention are considered in this planned proposal application:

- 1- An interactive scientific platform with multi-dimensional exchange that enable learning from best practices and knowledge transfer and enable a future network of partners that can set forth for further future collaborations
- 2- Establishing a line of exchange of different stakeholders including students, young researches and professors as well as high administration of the universities to concretize the development of the long-term cooperation.
- 3- Drafting an MOU as the starting point of this collaboration to enable the opportunity to exchange and develop curricula in the stream of development of cultural heritage.
- 4- Scoping for a larger planning network encompassing German, European and Middle Eastern partners among which is the German Jordanian University.






**الجامعة الأردنية**  
 German Jordanian University


**unesco**  
 Chair


**städtebau** | **RWTH AACHEN UNIVERSITY**  
 UNESCO-Chair for Cultural Heritage and Urbanism  
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Poster - UNESCO Symposium International

13:30 – 18:00 **TOUR MAASTRICHT**  
Dr. Hans Hoorn | Consultant for spatial qualities of  
european cities, Maastricht



Program - UNESCO Symposium International





CULTURAL HERITAGE AND  
URBAN TRANSFORMATION  
UNESCO SYMPOSIUM INTERNATIONAL



# Symposium Day 01

## Welcoming Speeches

### Univ.-Prof. Christa Reicher

After studying architecture at RWTH Aachen University and ETH Zurich, Reicher worked in various international planning offices and in 1993 founded the planning office RHA Reicher Haase Associates with offices in Aachen, Dortmund and Vianden (Luxembourg).

From October 2002 to September 2018, Reicher was Professor and Head of the Department of Urban Planning, Urban Design and Urban Land Use Planning at the Faculty of Spatial Planning at the Technical University of Dortmund. From 1998 to 2002 she held the professorship of urban planning and design at the Bochum University of Applied Sciences.

Since October 2018, Reicher has held the Chair of Urban Planning and Design and Director of the Institute of Urban Design and European Urbanism at the Faculty of Architecture at RWTH Aachen University.



### Univ.-Prof. Dr. rer. Soc. Ute Habel

Ute Habel is the Vice-Rector of RWTH University for International Affairs, Ltd.  
and a Psychologist of the clinic for Psychiatry, Psychotherapy and Psychosomatics in Uniklinik RWTH Aachen.

Ute Habel has worked on the Genetic and epigenetic regulatory mechanisms of the oxytocin receptor gene (OXTR) and the (clinical) implications for social behavior, the influence of semantic associations on sentence production in schizophrenia: An fMRI study. Eur Arch Psychiatry, Neural networks of aggression: ALE meta-analyses on trait and elicited aggression, The influence of the OPRM1 (A118G) polymorphism on behavioral and neural correlates of aggression in healthy males and many more.



# Symposium Day 01

## Location: Ford Saal, Super C





# Symposium Day 01

## Introduction and Rationale

Dr. Maram Tawil

**Assoc. Prof. Dr. Maram Tawil**

Maram Tawil is a visiting professor at the Institute of Urban Design at RWTH Aachen University and a professor at the German Jordanian university, a previous Dean, Vice-Dean, and Head of the Department of Architecture and Built Environment at the School of Architecture and Built Environment at German Jordanian University - Jordan, and a previous Head of Department of Architecture and Interior Architecture in the Applied Science University in Jordan.

Maram has worked on multiple projects across the Middle East and Africa. Maram's latest work focus on Amman's Traffic Congestion and Land Use relations, challenges and potentials.





# Symposium Day 01

## Cultural Heritage in Germany - Visions and Practices

Session Chair: Prof. Verônica Garcia Donoso

### Monika Krücken

Monika Maria Krücken studied architecture and townplanning at FH Aachen, finishing her diploma in 1994. Afterwards, she continued her academic career at FU Berlin and at RWTH Aachen in history of architecture, history of arts and sociology. She worked as a project manager at home and abroad from 1994 to 1999. Subsequently, she has been working at the Aachen Municipal Department of urban development and traffic facilities. Since 2010, she runs the lower office of monument conservation as the city conservator of Aachen.



### Dr. Irene Wiese - von Ofen

Born in Berlin, Irene Wiese - von Ofen holds a Doctorate in Urban Planning from RWTH Aachen and has a background in Architecture. Residing in Essen, she formerly served as Deputy Mayor, overseeing housing, planning, civil engineering, traffic, real estate, and technical infrastructure. As the owner of BBASS, a consultancy for architecture, urban planning, and urban renewal, she actively contributes her expertise. Dr. Wiese von Ofen advises in Megacity Research supported by the German Ministry, and she is a member of UNESCO's Expert Group on World Heritage. Her numerous honorary awards underscore her dedication to various volunteer activities and vocations.

### Tarik Näscher

Born in Düsseldorf in 1994, Tarik Näscher completed his studies in Spatial Planning at the Technical University of Dortmund, earning a Master's degree in 2019. During 2017-2019, he worked as a working student in real estate project development with Frankonia Eurobau in Düsseldorf. From 2020 to 2023, he was employed at the municipal city planning department in Düsseldorf, focusing on city planning and urban land-use planning. Since February 2023, Tarik Näscher has been working at the municipal office of Commissioner Mrs. Cornelia Zuschke, specializing in city planning, construction, housing, and property management.





**Stephan Gudewer**

Stephan Gudewer is an urban planner based in Bochum, Germany. After studying architecture at the University of Applied Sciences and Arts in Dortmund and finishing his bachelor studies in 2015, he earned his master's degree in urban planning at the RWTH Aachen University in 2017. Following multiple years of working together at sds\_utku, he and Yasemin Utku founded the office STADTGUUT in 2018. STADTGUUT is active in the fields of urban planning and urban development, urban monument preservation and urban research. Additionally, he has been teaching and researching at different Universities in North Rhine-Westphalia since 2017.



**Michael Kloos**

Michael Kloos (1966) studied architecture and urban planning at Karlsruhe University, Germany. He focuses his work on the interface between preservation and sustainable development of UNESCO World Heritage Sites. Since 2003 he was scientific assistant at RWTH Aachen University, Germany, where he co-established the UNESCO Chair in World Cultural and Urban Landscapes in 2012 and obtained his doctors degree in engineering sciences with distinction in 2014. Since 2016, Michael runs his office michael kloos planning and heritage consultancy in Aachen, Germany, and he holds the professorship for Preservation and Sustainable Development of Cultural and Historic Urban Landscapes at RheinMain University of Applied Sciences, Wiesbaden, Germany. Since 2022 he is Chairholder of the UNESCO Chair on Historic Urban Landscapes and Heritage Impact Assessments at RheinMain University of Applied Sciences.





# Symposium Day 01

## Cultural Heritage in the Arab World - Practices and Challenges

Session Chair: Dipl. -Ing. Andreas Klozoris

### Prof. Dr. Natheer Abu-Obeid

Natheer Abu-Obeid, Ph.D., a distinguished Professor of Architecture, currently at the German Jordanian University (GJU), boasts a diverse career in teaching and practicing architecture across Jordan, Saudi Arabia, Kuwait, and the Gulf region. He held key roles as GJU President, Chancellor at Al-Asala Education and Training in Saudi Arabia, and Dean at Jordan University of Science and Technology. Beyond academia, he worked globally, contributing as an expert for UNDP, advisor for the Ministry of Planning in Kuwait, and a consultant in the private sector in Saudi Arabia and UAE. Recognized for his architectural contributions, Abu-Obeid received the Jordan State Award of Recognition in Architecture and the William Codell Fellowship in Architectural Research in the USA.



### Assoc. Prof. Dr. Aliaa AlSadaty

Aliaa AlSadaty, Associate Professor of Architecture and Urban Design at Cairo University, Egypt, holds a BSc in Architecture from Cairo University, a Master's from Catania University, Italy, and a PhD from Cairo University. Her research delves into the morphological aspects of historic and heritage cities, exploring both physical and non-physical dimensions of their dynamic changes. In 2021, she co-founded the 'urban form lab' at the Department of Architecture, Faculty of Engineering, Cairo University. AlSadaty is a member of the Plastic Arts and Architecture Committee, the Supreme Council of Culture, Cairo, Egypt (2019-2023), and currently serves as Deputy Director of CAPSCU (The Centre for Advancement of Post Graduate Studies and Research in Engineering Sciences) at Cairo University.



### Dr. Ignacio Arce

Dr. Ignacio Arce, an architect and archaeologist, specializes in Late Antique and Early Islamic material culture, along with Heritage Conservation. He earned his doctorate in 2004 at the Universidad Politécnica de Madrid, receiving accolades for his dissertation on the Umayyad Complex at Amman Citadel. A recipient of the IEF-Marie Curie Scholarship, he researched Khirbat al-Mafjar at the University of Copenhagen. As Director of the Spanish Archaeological Mission to Jordan, he led projects on Roman, Late Antique, and Umayyad sites. Currently an Associate Professor at the German-Jordanian University, Dr. Arce runs a Master's program in Architectural Conservation, combining extensive research, excavation, restoration, and museographic projects in his influential career.



### Assoc. Prof. Dr. Nadine Hindi

Nadine Hindi, an Associate Professor at Notre Dame University in Lebanon since 2015, holds a doctorate and a master's degree in urban regeneration from the University of Barcelona, Spain, complemented by a bachelor's degree in architecture from the American University of Beirut. Her research, with a focus on urban ecology, history, war geography, public spaces, and waterfront issues, has resulted in numerous publications. Dr. Hindi actively engages in international workshops, seminars, and conferences, presenting her work in Berlin, Weimar, Barcelona, and Amman. Committed to community service, she co-organizes training modules on the right to public and waterfront spaces, contributing to broader societal discussions.





**Georgios Toubekis**

Georgios Toubekis, a researcher at the Fraunhofer Institute for Applied Information Technology FIT in Germany, specializes in heritage-led innovation and the transformative impact of digital technologies on cultural institutions. With a background in architecture from RWTH Aachen University, he has extensive experience in designing, planning, and overseeing conservation projects in the Cultural Heritage field. Mr. Toubekis, who studied in Madrid and Amsterdam, played a key role in coordinating technical assistance aid for cultural policy reform projects in the Eastern Partnership Program of the European Union. His contributions extend to numerous international conferences, where he has presented articles on 3D documentation methods in conservation projects.



**Salam Aladaileh**

Salam Aladaileh graduated with a Bachelor of Science in Architecture from Jordan University of Science and Technology before pursuing her Master's degree in architectural conservation at German Jordanian University. Currently, she is employed as an architect at Behar and peteranecz in the united states

Symposium Day 01  
Cultural Heritage - New Dimensions  
Session Chair: Dr. ir. Ceren Sezer



**Dr. Jörg Christöphler**

Dr. Jörg Christöphler, born in 1961, is a versatile professional with a rich academic background. He holds degrees in History (MA and Dr.) and International Marketing Management from the Universities of Bielefeld, Brunel Univ. London, and Humboldt Univ. His early career until 2001 involved roles in editorship, followed by a stint as the Marketing Manager at the State Winery of Saxony, „Schloss Wackerbarth,“ until 2004. From 2004 to 2011, he served as the Founder and CEO of the tourism organization „Destination Ammergau Alps“ in Oberammergau. Since 2011, Dr. Christöphler has been overseeing the „Tourism, Art & Cultural Affairs“ Department in the City of Rothenburg ob der Tauber.

**Farah Quawasmeh**

Farah, an architect and urban planner, graduated in architecture in 2020 and is currently pursuing a master's degree in spatial planning. She applies her creative prowess and knowledge as an architect and planner at Praxis Engicon. In 2022, she played a key role in winning first place for the city of Amman in the Mayor's Challenge competition. Farah secured second place in the JEA graduation projects competition in 2020 and won the second prize in the Green Housing local competition in 2017. She is passionate about unraveling the intricate cultural landscapes of cities, exploring historical, present, and future dimensions of urban spaces with a holistic approach to urban planning.





**Assoc. Prof. Dr. Raed Al-Tal**

Dr. Raed Al Tal, an accomplished Associate Professor of Architecture, holds a Ph.D. in Architectural History and Theory from the State University of New York. Specializing in Contemporary Middle Eastern Architecture, he brings 16 years of academic expertise to the German Jordanian University, focusing on master courses in Socio-Economic Development in Spatial Planning. His research delves into the socioeconomic factors of urban planning, exploring immigration’s impact on cities, and studying the effects of conflict, crises, modernity, and nationalism on urban environments. Dr. Al Tal has played pivotal roles in international projects, contributing to the rehabilitation of public schools and designing the Regional Wholesale Vegetable and Fruit Central Market of Greater Irbid Municipality.



**Dr. Liliana Iuga**

is an urban historian and Research Associate at RWTH Aachen University, Institute for Urban Design and European Urbanism. Since 2021, she has been working on the project “cities.building.culture. Built heritage in post-Soviet urban development”, developed in collaboration with GWZO Leipzig and KIT Karlsruhe. She holds a doctoral degree in Comparative History from the Central European University, Budapest, and was a visiting fellow at the Center for Urban History at the University of Leicester. Her research and publications focus on the history of architecture, urban design, and heritage preservation in Eastern and Central Europe, with particular focus on the region’s socialist past.





# Symposium Day 02

Location: New Regional Bauhaus , Heerlen

The Bauhaus was a groundbreaking architecture and design school founded in 1919 in Weimar, Germany. The Bauhaus research and teaching method replaced the traditional pupil-teacher relationship with the idea of a community of artists working together. Its aim was to bring art back into contact with everyday life, and architecture, performing arts, design and applied arts were therefore given as much weight as fine art. This resulted in the establishment of modern, functional architecture and design, that had an enormous global impact. The 'International Style' introduced by Bauhaus director Mies van der Rohe was realized all over the world.

The 'New Regional Bauhaus' (NRB) aims to go back to the idea of community thinking and to focus on a more local scale.

Global challenges ask for different solutions, that may differ from place to place. On the other hand, these solutions can not be solved within the scale of a municipality. The NRB emphasize the significance of regional planning, particularly in addressing sustainability, inclusion, and spatial quality challenges.

The location of the 'New Regional Bauhaus' in Heerlen underlines the idea that regional thinking extends beyond municipal, provincial, and national boundaries while still considering the local context. The NRB will focus on research, education, projects, and events.





# Symposium Day 02

## Crosscutting Dimensions into more Holistic Urban Transformation

Session Chair: Fabio Bayro Kaiser M.Sc.



**Prof. Ercan Ağırbaş**

Ercan Ağırbaş, founder of Ağırbaş Eittorf Friends, Architecture & Urban Planning, is a co-author of books like „Synonym-Syntax-Synthese“ and has collaborated with architecture firms in Germany, Switzerland, Italy, and Turkey. His extensive experience spans concept to realization, producing internationally recognized designs. Award-winning projects have been showcased in global publications and exhibitions. Ağırbaş, a lecturer and guest critic, taught at Hochschule Bochum and PBSA Düsseldorf, later lecturing at RWTH. Currently, he teaches at the German University of Technology, GUtech in Muscat.

**Bayan Mujahed**

Bayan Mujahed is an architect and researcher who is currently studying a master’s in Architectural Conservation at the German Jordanian University. With a particular focus on mid-20th century houses in Amman, her thesis research aims to understand, from a phenomenological point of view, the underlying driving factors behind the “new” architecture of these private residences. For this purpose, she is studying the influence of temporal ideologies and intellectual currents of the modern movement on Amman’s house architecture during that period, in addition to the influence of interlinked factors related to socio-political transformations that were taking place in the region, such as cultural exchange, new social practices, and national aspirations.







**Assoc. Prof. Dr. Rami Daher**

Rami Daher is Associate Professor of architecture at the German Jordanian University (GJU) and a practicing architect and general director at TURATH for Studies and Design in Amman. He taught at the American University of Beirut; at Texas A&M's University; and at Jordan University of Science & Technology. Daher had earned a Bachelor of Architecture from the University of Jordan (1988), a Master of Architecture from the University of Minnesota (1991), a PhD in Architecture from Texas A&M U (1995), and was a recipient of a FULBRIGHT Scholarship through which he did his post-doctoral studies at the University of California, Berkeley (2001).



**M.A. Katharina Christenn**

Born in 1987 in Rothenburg ob der Tauber, she studied landscape architecture at Technische Universität München and Sapienza Università di Roma. Her focus is on (urban agri-)cultural heritage and post-industrial landscape transformation. Starting her academic journey, she conducted doctoral research at the Chair of Landscape Architecture and Transformation at TU Munich, exploring the 20th-century history of landscape architecture. As a research and teaching associate at RWTH Aachen University since 2016, she engages in design studio teaching related to Co-Producing Green Infrastructure with Urban Agriculture and the Rhenish Revier's transformation. Utilizing home office time during the pandemic, she managed the book project „Urban Agricultural Heritage,“ published by Birkhäuser in 2022. Since 2022, she coordinates the global research project INSUAH, delving into Urban Agricultural Heritage with partners in Cuba, Brazil, Indonesia, and Japan.

**Prof. Dr. Frank Eckardt**

Frank Eckardt is a professor of social science in the department of architecture and urban planning at the Bauhaus University Weimar. Born in 1967 in Gelsenkirchen, Prof. Dr. Frank Eckardt's diverse career began with an apprenticeship as a wholesale and foreign trade merchant in 1986. His experiences include civil service with the Dutch Refugee Council, training in psychiatric care in the Netherlands, and freelance journalism. Academically, he studied Political Science, Modern and Contemporary History, and German Philology at the University of Kassel from 1994 to 1998. Joining the Bauhaus-Universität Weimar, he earned his Ph.D. in Economics and Social Sciences in 2002, later becoming a Junior Professor of Sociology until 2009. He held prestigious positions, including the Alfred Grosser Chair of Political Science at Science Po, Paris. In 2009, he received a habilitation at the Faculty of Architecture, Bauhaus-Universität Weimar, and was appointed to the W2 Professorship in Social Science Urban Research at the same institution.





# Session Chairs

## Cultural Heritage in Germany Visions and Practices



**Prof. Verônica Garcia Donoso**

Professor at the Architecture and Urbanism course at the Federal University of Santa Maria, Cachoeira do Sul campus, Brazil. In 2022 she was awarded the Georg Forster Research Fellowship for Experienced Researchers by the Alexander von Humboldt Foundation and is developing her research at the RWTH Aachen University, Germany. She has a PhD (2017), Master (2012) and Graduation (2008) in Architecture and Urbanism from the University of São Paulo, Brazil. She has experience in the field of architecture and urbanism, with a focus on landscape planning, ecological planning and urban design.

## Cultural Heritage in the Arab World Practices and Challenges



**Dipl.- Ing. Andreas Klozoris**

Andreas Klozoris serves as a Research Assistant at the Chair of Urban Design and Institute for Urban Design and European Urbanism at RWTH Aachen University since 2020. Formerly, he worked on science-informed architecture and urban design at an international practice. Andreas focuses on cultural and environmental design, master planning, and science-informed approaches. His professional interests span project mentoring, cultural and environmental design, master planning, traditional building techniques, culture-specific architecture, place-making, and exploring the psychological impacts of design, particularly in the context of migrant integration and refugee flows.

## Cultural Heritage New Dimensions



**Dr. ir. Ceren Sezer**

Ceren Sezer, an architect and urban planner, teaches sustainable city transformation at RWTH Aachen University, UNESCO Chair in Cultural Heritage and Urbanism. A graduate of Istanbul Technical University, she earned her MSc and PhD at Delft University of Technology. Author of books like „Marketplaces“ (2023) and „Visibility, Democratic Public Space and Socially Inclusive Cities“ (2021), Ceren has received awards and fellowships. Her recent co-curatorial project, „Climate Wunderkammer,“ is showcased at La Biennale di Venezia 2023. Ceren has been an invited speaker at institutions such as the National University of Singapore, Amsterdam University, and Lucerne University of Applied Science and Arts.

## Crosscutting Dimensions into more Holistic Urban Transformation



**Fabio Bayro Kaiser M.Sc.**

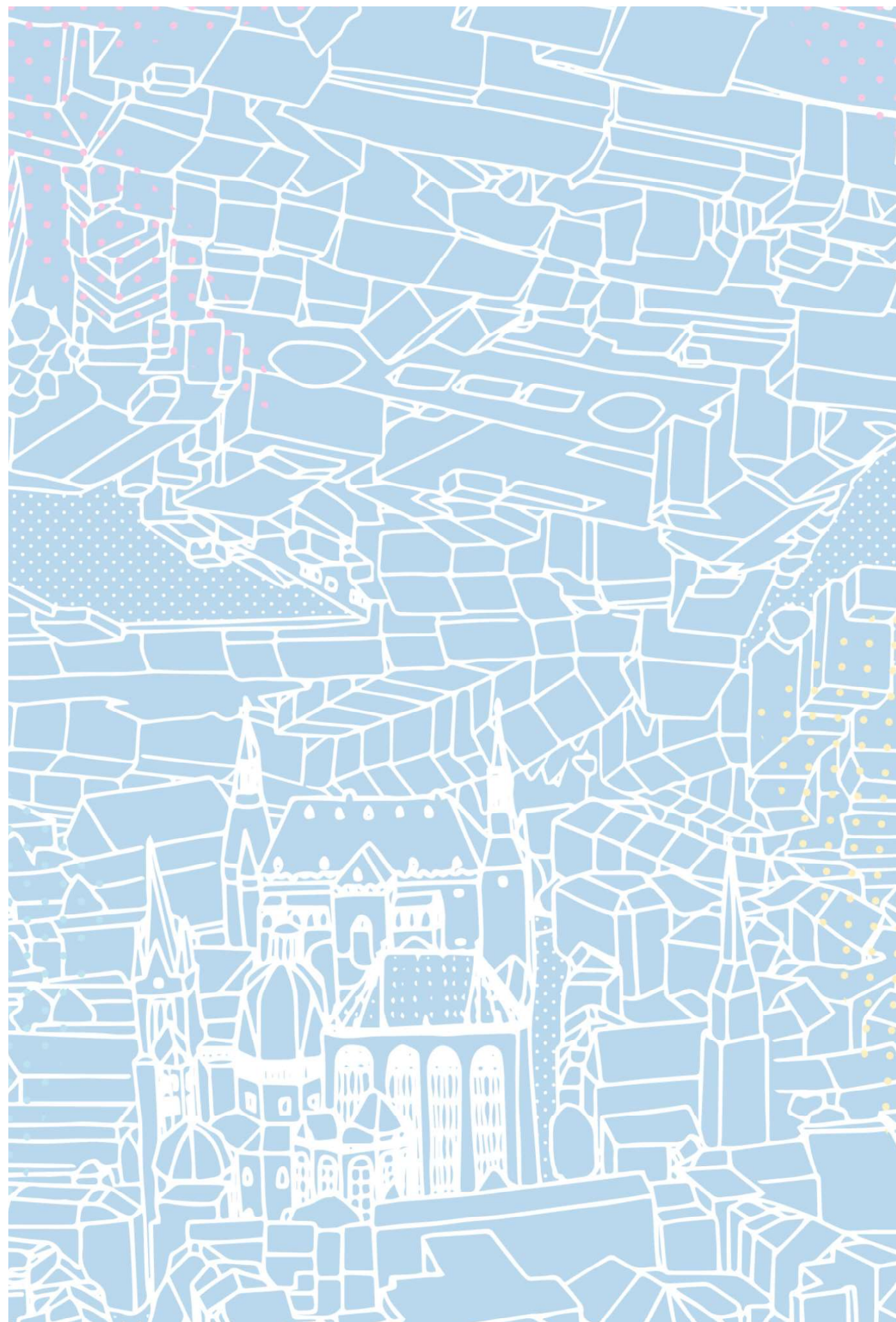
Born in 1984 in La Paz, Bolivia, Fabio Bayro Kaiser, M.Sc., is an accomplished Academic Staff member and Speaker for Transforming City Regions at the Chair of Urban Design and Institute for Urban Design and European Urbanism. Specializing in Urban Design, Urban Development, and Participation, his career includes roles as a Research Associate at RWTH Aachen University since 2018 and previous positions at TU Dortmund. He earned his Master's degree in Spain (2013-2016) and completed Architecture studies in Bolivia (2010-2015), contributing to architecture and planning in his homeland.





CULTURAL HERITAGE AND  
URBAN TRANSFORMATION  
Orientation Workshop





## CULTURAL HERITAGE AND URBAN TRANSFORMATION

16-18 November 2023

### PROGRAM DAY 1

16 November 2023, Seminar Building Wüllnerstraße 5b, 301

|                      |                                                                                   |
|----------------------|-----------------------------------------------------------------------------------|
| <b>10:00 – 11:00</b> | <b>Polycentric Development – Rheinisches Revier</b>                               |
|                      | Prof. Christa Reicher   RWTH                                                      |
| <b>11:00 – 12:30</b> | <b>Inputs from the Regional Partners – Case Oriented Challenges</b>               |
|                      | Dr. Nadine Hindi – Beirut   NDU                                                   |
|                      | Dr. Sahar Imam – Cairo   CU                                                       |
|                      | Dr. Nabil Abu Dayyeh – Amman   GJU                                                |
| <b>12:30 – 14:00</b> | <b>Lunch break</b>                                                                |
| <b>14:00 – 14:20</b> | <b>Transforming City Regions Presentation</b>                                     |
|                      | Fabio Bayro Kaiser   RWTH                                                         |
| <b>14:20 – 14:40</b> | <b>Introduction of German Jordanian University</b>                                |
|                      | Mr. Jens Hegemann   GJU                                                           |
| <b>14:40 – 15:00</b> | <b>Spatial Planing and Architectural Conservation</b>                             |
|                      | Dr. Maram Tawil   RWTH/ GJU                                                       |
| <b>15:00 – 17:00</b> | <b>Discussion on Modules in Common and Identification of Collaboration Themes</b> |

### PROGRAM DAY 02

17 November 2023, Seminar Building Wüllnerstraße 5b, 304

|                      |                                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------------|
| <b>10:00 – 10:30</b> | <b>Regional Development in Germany / Europe:</b>                                                         |
|                      | Governance in Germany – Limburg & Raumstrategie                                                          |
|                      | Christian Larisch   RWTH                                                                                 |
| <b>10:20 – 10:40</b> | <b>DaZwischen – Insights to Excursion</b>                                                                |
|                      | Andreas Klozoris   RWTH                                                                                  |
| <b>10:40 – 11:00</b> | <b>A Spatial Approach for Monitoring Urban Growth in Large Agglomerations: Cairo, Beirut, and Amman.</b> |
|                      | Fabio Bayro Kaiser   RWTH                                                                                |
| <b>11:00 – 11:30</b> | <b>Coffee break</b>                                                                                      |
| <b>11:30 – 13:00</b> | <b>Development of a First Draft of the MOU</b>                                                           |
|                      | - Incorporating the modules in common                                                                    |
|                      | - Developing new modules that can be of more integrated development within the programs.                 |
| <b>13:00 – 14:30</b> | <b>Lunch Break</b>                                                                                       |
| <b>14:30 – 17:00</b> | <b>Finalizing a Draft of the MOU</b>                                                                     |
|                      | Defining aspects of curricula Development within GJU and TCR or together                                 |
|                      | Recommendations to better study plans incorporating:                                                     |
|                      | 1-Discussing an option of an overarching study plan with streams of intervention – heritage and urbanism |
|                      | 2-Two programs GJU with integrated new modules – common modules                                          |

### PROGRAM DAY 03

18 November 2023, Seminar Building Wüllnerstraße 5b, 304

|                      |                                                                   |
|----------------------|-------------------------------------------------------------------|
| <b>10:00 – 11:30</b> | <b>PIN UP of the Students' works and Outcome of the Workshop.</b> |
| <b>11:30 – 15:30</b> | <b>Excursion – Rheinisches Revier</b>                             |



# Polycentric Development Rheinisches Revier.



**Polycentric Development**

Prof. Dr. Christa Reicher | RWTH

During the first session, Dr. Christa played a pivotal role in introducing a groundbreaking spatial planning approach. The crux of this methodology centered on the integration of informal planning techniques, specifically focusing on elevating the influence of local community blueprints. The case study revolved around the re-urbanization of the x-industrial sector of Koln. Notably, Dr. Christa advocated for a poly-centric approach to address the complex dynamics of the urban landscape.

One of the key challenges highlighted in the presentation was the ongoing debate regarding the project's direction. The central point of contention revolved around striking a balance between promoting agricultural initiatives and considering economic development factors. In response to this challenge, the team, meticulously crafted three alternative development proposals. These alternatives were carefully designed to harness the power of community participation and draw upon the valuable contributions from educational institutions.

The session underscored the significance of community involvement in shaping the re-urbanization process. Dr. Christa emphasized the need for a holistic approach that not only considered economic factors but also took into account the local community's aspirations. Furthermore, the incorporation of educational institutions added an extra layer of depth to the planning process, reflecting a commitment to a comprehensive and sustainable urban development strategy.



# Inputs from the regional partners

case-oriented challenges

## Theoretical foundation

Challenges were addressed in this section as three experts from the MENA region explored the planning dynamics and the primary obstacles confronting the region. They did so by examining three cases related to three significant cities—Cairo, Beirut, and Amman. The discussion encompassed topics such as urban structure, urban development, strategic plans, and socio-economic and physical critical issues within these cities. The aim was to establish a theoretical foundation for the workshop.



**SPOTLIGHT ON BEIRUT:  
ALONG THE RIVER & ABOUT THE PORT**

Dr. Nadine Hindi - NDU

Dr. Nadine Hindi from Beirut, provided a comprehensive analysis of the general issues within Lebanon’s context. Dr. Hindi initiated the discussion by delving into the historical borders of Beirut, unraveling the city’s past and its evolution over time. A significant aspect covered was the intricate web of regional railway links and the pivotal role played by Beirut’s ports, shedding light on their importance in shaping the urban landscape.

The presentation seamlessly transitioned to address various urban issues afflicting the capital. Dr. Hindi explored the morphology and inherent differences within the city, offering valuable insights into the diverse challenges faced by different regions. Administrative borders emerged as a crucial focal point, and Dr. Hindi delved into the complexities surrounding this matter, underlining its impact on urban planning and governance.

A notable aspect discussed during the session was the coverage of the city’s river. Dr. Hindi provided a nuanced perspective on the challenges and opportunities associated with the river’s presence in the urban fabric. This encompassed ecological considerations, as well as the broader implications for the city’s aesthetics and functionality.

## The impact of the sprawl in the urban centers

Dr. Sahar Imam — CU

In a nuanced analysis, Dr. Sahar Imam meticulously examined the distinctive Egyptian context, honing in on the repercussions of urban sprawl on the historical core of the city, precipitating both decay and gentrification. The exploration commenced with a thorough unraveling of Cairo’s recent history, spotlighting its rapid expansion and the subsequent emergence of new development areas, accompanied by a discernible pattern of economic segregation.

A pivotal facet of the discussion revolved around the transformative impact of new urban projects, with a particular emphasis on the ambitious endeavor—the new capital. Dr. Sahar delved into the profound implications of these projects, not merely in terms of physical alterations but also in reshaping the socioeconomic fabric of Cairo. The discourse extended to encompass the formidable challenges faced by the historical core, addressing the evolving economic activities and the concurrent implementation of major infrastructure projects.

Dr. Dahar complemented this narrative by providing additional insights into the nuanced challenges borne by the historical core’s evolution. Her contribution included a closer examination of the difficulties posed by newly introduced economic activities and the transformative effects of significant infrastructure initiatives. Together, these discussions painted a vivid and comprehensive picture of Cairo’s historical center, capturing the intricate interplay of economic, social, and infrastructural challenges that define the contemporary urban landscape.





# Planning Amman

The city's master plans



## Planning Amman

Dr. Nabil Abu Dayyeh - GJU

Dr. Nabil Abu Dayyeh delved into the developmental trajectory of Amman, tracing its historical origins back to the Tanzimat era during the Ottoman period. From this historical foundation, he transitioned to a critical examination of a key issue influencing the city’s planning—the over-privatization of land ownership and the absence of robust regulations facilitating effective urban planning.

During his session, Dr. Abu Dayyeh scrutinized the impact of colonial influences, notably British colonial policies that predominantly focused on agriculture. He highlighted the implementation of unrealistic ring roads, featuring bridges between Amman’s mountains. This historical context set the stage for subsequent planning approaches, with a notable influence from Japanese planners who shared similar ideas, particularly regarding bridge structures.

The narrative then shifted to the Greater Amman Municipality Development Plan (GAMCP), emphasizing its focus on housing and the preservation of agricultural lands. Subsequently, Dr. Abu Dayyeh highlighted the Amman Plan of 2008, which concentrated on the development of high-rise zones within the city. As he navigated through these various plans, he seamlessly transitioned into an exploration of the significant challenges intertwined with informal spaces and the urban pattern.

In encapsulating the evolution of Amman’s urban landscape, Dr. Abu Dayyeh not only unraveled the historical layers but also underscored the pivotal challenges associated with informal spaces and the overarching urban pattern, providing valuable insights into the city’s dynamic planning history.



# Growth of Amman



## Growth of Amman

Lubna Alawneh — BUW

Architect Lubna Alawneh delved into her dissertation, which focused on the urban growth of Amman and the intricate interplay of socio-economic factors that propelled this sprawl. The exploration commenced with a chronological representation of major regional political events, emphasizing their profound impact on the formulation and evolution of the city. This historical context laid the foundation for understanding how migrations, stemming from these events, exerted significant influence on the socio-economic dynamics and lifestyle within Amman.

In her dissertation, Architect Alawneh systematically unraveled the multifaceted repercussions of immigrant populations on the city. She meticulously examined the diverse ways in which these migrations affected regulations and policies, shaping the urban landscape. The intertwining of regional complexities with socio-economic factors formed a pivotal focus, providing a comprehensive lens through which to analyze Amman’s urban fabric.

A key aspect of Architect Alawneh’s study involved connecting these layers of historical events, socio-economic shifts, and regulatory changes with the typo-morphological patterns of the city. This interdisciplinary approach aimed to illuminate the intricate relationships between regional dynamics and the physical structure of Amman. By doing so, Architect Alawneh sought to unravel the collective contributions of these layers, offering valuable insights into the formulation of the city, particularly considering the wide-ranging impact of regional complexities.



Introduction of German Jordanian University

Mr. Jens Hegemann  
Director of the International  
Affairs Department

Mr. Jens Hegemann, Director of International Affairs at GJU, initiated the discussion with a concise overview of the German Jordanian University. He highlighted GJU’s history, academic achievements, and commitment to global collaboration. Emphasizing diverse academic programs and research initiatives, he showcased the institution’s multifaceted approach to higher education. Mr. Hegemann underlined GJU’s role as a bridge between German and Jordanian academia, fostering cross-cultural exchanges



Transforming city regions

Fabio Bayro Kaiser  
Chair of Urban Design and Institute for Urban Design  
and European Urbanism

He commenced his presentation by introducing the urban planning master’s program at RWTH Aachen University, followed by an exploration of potential collaborations with the master’s programs at GJU. Providing a concise overview of RWTH’s master’s program’s strategic vision, he proceeded to delve into the different modules within the program. The discussion seamlessly led to the learning outcomes, emphasizing the integrated approach aimed at achieving sustainable development



Spatial Planing and Architectural Conservation

Dr. Maram Tawil I RWTH/ GJU

Dr. Maram Tawil presented a brief overview of the master programs at GJU, specifically focusing on Spatial Planning and Architectural Conservation. Engaging the key academic staff from both GJU and RWTH, the discussion aimed to assess the current status of these programs. Dr. Tawil facilitated conversations on the programs’ progress, general ideas, and notes, exploring potential areas for development and improvement. The discourse then shifted towards proposed arrangements for the study plans. This involved discussions on integrating technological research methods into teaching and determining the optimal timing for studio courses throughout the educational years. The collaborative dialogue extended to identifying key challenges faced by the programs and brainstorming potential avenues for improvement. The collective efforts of the academic staff from both institutions aimed to enhance the overall quality and effectiveness of the master programs at GJU.

Subsequently, the discussion evolved to delve into the definition of commonalities between the majors, both from a theoretical and practical standpoint. Dr. Maram Tawil facilitated an exploration of shared elements and synergies that could be identified between Spatial Planning and Architectural Conservation. The emphasis extended beyond mere academic alignment to encompass collaborative efforts that could give rise to a new paradigm in teaching these majors. The discourse aimed to foster a holistic approach to education, encouraging a unified way of thinking about these disciplines that transcends traditional boundaries. The aspiration was to cultivate an interdisciplinary perspective that enriches the educational experience and encourages collaborative innovation in both theory and practice.



# Discussion on Modules in Common and Identification of Collaboration Themes

The conversation then pivoted towards the proposal to establish a new major named ‘Heritage & Urbanism’ with two distinct tracks—one dedicated to heritage conservation and the other to planning. Dr. Rami Daher expressed a positive perspective, highlighting that the idea is fundamentally excellent and constructive, seamlessly aligning with the goal of advancing interdisciplinary research and education—an initiative he strongly supports. Despite the logistical challenges associated with incorporating these modules into the curricula of both universities, Dr. Daher identified existing courses in the Architectural Conservation and Spatial Planning programs at GJU as potential cornerstones. These courses could be adapted and refined to serve as modules addressing both heritage and urbanism, with specific mention of Urban Conservation, Landscape Urbanism, and Heritage Tourism Planning as noteworthy examples.

Furthermore, Architect Amani Malhas provided her insights on a shared framework that can be universally applied, contemplating the interrelation between conservation concepts and urbanism ideas, as well as the emerging trends in re-use. This suggests the potential for a new comprehensive framework that could be employed to teach both majors with a holistic perspective. Dr. Nabil and Dr. Raed also contributed their perspectives on incorporating this framework into studio courses, addressing the practical application alongside the theoretical framework and supporting courses. Collectively, these inputs could shape the foundation for the new structure of the proposed major.



Building upon the insights previously shared, Dr. Maram is actively involved in establishing a robust foundation for the advancement of master programs. Together with the RWTH team, they are exporting a comprehensive idea aimed at fostering interdisciplinary collaboration and theoretical coherence. This collaborative effort seeks to transcend traditional academic boundaries, creating a more interconnected learning environment.

The emphasis is on anticipating and seamlessly integrating emerging trends and technologies within the field, ensuring the adaptability and relevance of the master programs. This forward-thinking approach aligns seamlessly with the collective vision resulting from extensive discussions with the GJU team. The aim is to create a dynamic and future-ready academic structure that not only enhances the student experience but also addresses the evolving demands of the professional landscape.



# Woekshop good practices insights



## Spatial Strategy for Zuid-Limburg - Benefits of informal planning:

Christian Larisch - RWTH

The session began with a brief introduction to the German planning system. This was intended to contextualize the projects presented during the workshop and to introduce the differences between formal and informal planning. In the Zuid-Limburg border region, the benefits of informal planning (including a greater degree of flexibility) are particularly evident. Zuid-Limburg - as a region in the heart of Europe - has only 8 km of border with the Netherlands. Spatial planning across national borders is essential for the development of the region’s potential. In this context, the spatial strategy Zuid-Limburg in the Euregional context (ZL’EU) developed a long-term.

spatial vision for the region with a view beyond national borders, addressing issues such as settlement development, mobility, open space, economy and culture. The spatial vision was derived from the analysis and the scenarios created, and accompanying strategies were developed. These were divided into four areas: The Resilient Landscape, The Healthy City, The Connected Region and The Strong Brand. The planning process is not only designed to contribute to the long-term development of the region, but has already functioned as a forum for cross-border spatial development in the Euregio and has already been able to realize a central project with the New Regional Bauhaus.

## DaZwischen — Insights to Excursion

Andreas Klozoris- RWTH

Andreas Klozoris provided an overview over the proceedings in the Rhenish coal-mining region, focusing on the research project „DAZWISCHEN“ which accompanies the structural change within the context of the planned coal-phase-out. At around 55 billion tonnes, the region boasts the largest lignite depository in Europe and is therefore unique in its size and effect. For decades, the slowly moving open-cast mine edges have subjected the area to far-reaching infrastructural and spatial restructuring, which has left a strong landscape- and economic imprint on the area.

Andreas Klozoris explained how the project serves as a laboratory for adaptation of the structural changes that will come to the area once the open-cast mines have reached the end of their decomposition. DAZWISCHEN provided analyses results on the central structural changes and future-oriented development strategies and models to stimulate a far-reaching energy turnaround in the region.

Strategically regional economies, mobility and settlement development are to be conceived as sustainable, climate- and resource-saving as possible and closed material cycles and recycling economies are to be implemented. With the help of real-life laboratories, an interdisciplinary process brought together the worlds of science, business, politics and interested citizens to cooperate. Finally, the project presented regional development strategies, accompanied by a digital multi-hierarchical spatial information system. Currently the project focuses on the implementation of these strategies.



## A Spatial Approach for Monitoring Urban Growth in Large Agglomerations: Cairo, Beirut, and Amman.

Fabio Bayro Kaiser - RWTH

In his research presentation titled „A Spatial Approach for Monitoring Urban Growth in Large Agglomerations: Cairo, Beirut, and Amman,“ Bayro Kaiser unveiled a comprehensive methodology aimed at understanding and analyzing urban growth patterns and dynamics within large agglomerations. Central to his approach was the integration of remote-sensing data and Geographic Information System (GIS) techniques to provide a nuanced perspective on the evolving landscapes of three distinct cities in the MENA region—Cairo, Beirut, and Amman.

He intricately detailed the application of remote-sensing data, emphasizing its pivotal role in unraveling the complex dynamics of urban growth. By harnessing the power of GIS, his research facilitated the monitoring of various growth patterns within each city, offering a sophisticated spatial analysis that delved into the intricate details of their expansion.

The significance of this research lies in its ability to not only observe but also interpret the multifaceted processes of urban development in large agglomerations. Bayro Kaiser’s approach, combining remote sensing and GIS, represents a cutting-edge method for researchers and planners to gain insights into the spatial transformations of dynamic urban environments, particularly in the context of Cairo, Beirut, and Amman within the MENA region.



# Development of a First Draft of the MOU

After the conversation insight involved representatives from the Faculty of Architecture at RWTH Aachen University. The workshop continued with additional discussions, featuring colleagues from the Chair for Urban Design, including Prof. Christa Reicher, Dr Maram, Andreas, and Fabio. The participants also included representatives from GJU University, Dr. Nail, Raed, and Jens, the director, alongside online participants Ignacio, Rami, and Farah.

Ultimately, the conversation shifted towards delving into the technical intricacies surrounding the proposed collaboration process between RWTH and GJU. This phase involved detailed discussions on student requirements, supervision protocols, and the legal framework underpinning this collaboration. Exploring these technical aspects was crucial to ensure a comprehensive understanding of how the collaboration would be structured and function seamlessly. Addressing student needs, refining supervision methodologies, and establishing a robust legal foundation were integral components of this phase, contributing to the clarity and effectiveness of the proposed collaboration between the two institutions.





# Impressum

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Fabio Bayro Kaiser | RWTH  
Andreas Klozoris | RWTH  
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Qais Ismail | RWTH  
  
Ahmad Al-Kasasbeh | GJU

Invited Speakers:

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Tarik Näscher | Municipality of Düsseldorf  
Monika Krücken | Municipality of Aachen  
Michael Kloos | HS Rhein Main  
Stephan Gudewer | Stadtguut Bochum  
Prof. Dr. Christoph Zöpel | Former minister of Nordrhein-Westfalen  
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