

# Melanie Humann

## Professor & Partner



Prof. Dipl.-Ing. Melanie Yemsi Humann, architect and urban designer

Chair of Urbanism and Design  
Technische Universität Dresden  
<https://tu-dresden.de/bu/architektur-landschaft/istb/urb>

Partner  
Urban Catalyst GmbH  
<https://urbancatalyst.de/>

### Since 2018

Professor of Urbanism and Design,  
Institute of Urbanism and Regional Planning, Faculty of Architecture,  
Technische Universität Dresden

### Since 2017

Urban Catalyst GmbH Berlin, Partner

### 2013 – 2018

Professor of Sustainable Urban Design, Faculty of Architecture, University of Applied Sciences Dresden

### 2008 – 2013

Assistant Professor at the Institute of Urban Design and Landscape Architecture, Technische Universität Braunschweig

### 2004 – 2017

freelance work as urban designer, at studio Urban Catalyst and international offices

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### Profile & Research Interests

Urban Future Studies

Co-Design, Cooperative Urbanism, Participation

Urban Transformation & Process Design

Digital Urbanism, Urban Data

International Urbanism

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### Advisory Boards and Juries (2021 – 2024)

#### 2024

Jury Chair of the Urban Design Competition, *Heiterblick-Süd*, City of Leipzig  
Jury Chair of the Saxony State Prize 2024 *Neighborhood of the Future*, Saxony  
Jury Chair of the Urban Design Competition for the *Albert-Wolf-Square*, City of Dresden  
Jury member of the cooperative urban planning *Co-Living Campus Braunschweig*, City of Brunswick  
Reviewer for the Federal Ministry of Education and Research, Research program *Planning Acceleration for Climate Adaptation with Urban Digital Twins*  
Member of the Scientific Committee for European E 17, Germany  
Member of the Design Advisory Board for HOWOGE (housing association), Berlin  
Member of the Expert Council for Klimakommune. digital

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#### 2023

Jury Member of the National Jury EUROPAN 17, LIVING CITIES 2  
Jury Member of Local Jury Bad Lobenstein EUROPAN 17, LIVING CITIES 2  
Jury Member of the Student Competition *Neustadt Glashütte*, Saxony  
Member of the Advisory Board for the *Smart City Strategy Berlin*  
Member of the Design Advisory Board for HOWOGE (housing association), Berlin  
Member of the Scientific Committee for European e.V. Germany

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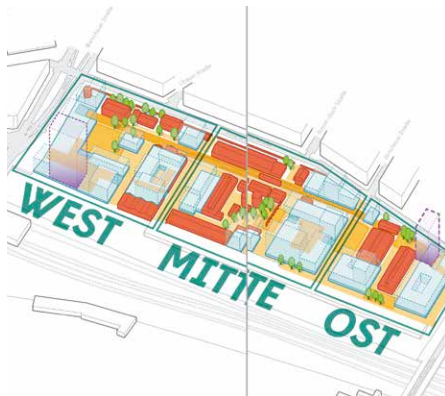
#### 2022

Jury Chair for the Urban Design Competition *Glesienner Straße*, City of Leipzig  
Reviewer for Federal Ministry for Housing, Urban Development and Building *Modell Projekte Smart*

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>RAW Berlin  
Cooperative Urban Design with stakeholder and public participation

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### Advisory Boards and Juries

2022

Member of the Advisory Board for the *Smart City Strategy Berlin*  
Member of the Scientific Committee E 17, European e.V., Germany  
Member of the Design Advisory Board for HOWOGE (housing association), Berlin

2020

Member of the Strategy Advisory Board for Digitalization of the City of Berlin  
Jury Member for the urban design competition *ESMT Berlin City Square at Friedrichsgracht*, City of Berlin  
Jury member for the *Saxon State Prize for Architecture 2019*, Saxony

2021

Jury Member for the urban design competition *Berlin Buch – Am Sandhaus*, SenStadt Wohnen  
Jury Member for the cooperative urban design competition *Kindl Konglomerat*, City of Berlin  
Jury member for EUROPLAN 16, Selb, Germany  
Reviewer for Federal Ministry for Housing, Urban Development and Building *Modell Projekte Smart Cities II*  
Member of the Scientific Committee for Europlan 16

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### Research Projects

2024 – 2026

*INKEWES – Industrial Culture and Energy Transition in Saxony*  
Interdisciplinary Research, funded by Zukunft Bau, Federal Ministry for Housing, Urban Development and Building

2022 – 2025

Transformative Region Ore Mountains  
*Land Use Action Plan Johannegeorgenstadt 2054 and The Ore Mountains Atlas – Reimagining the Region*, funded by the Saxon Ministry for Infrastructure and Regional Development and the Federal Ministry of Education and Research

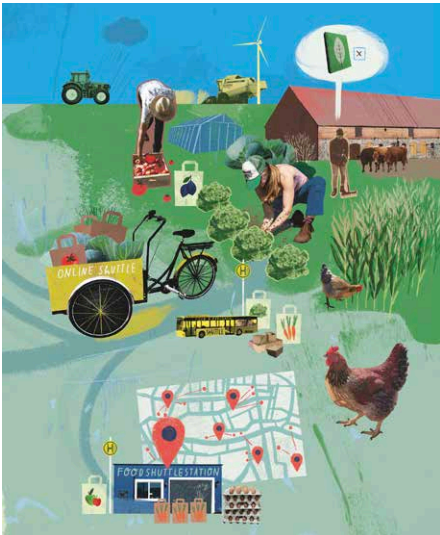
2022 – 2025

*Transformative Place-Making for Uncertain Futures: Integrative Perspectives on Narratives, Education, and Design*, TU Dresden research cluster: Disruption

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>Designing the smart city  
>Ore Mountain Atlas & Exhibition  
>biodiversity walks at former railtracks

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## Research Projects

and Societal Change, funded by the Federal Ministry of Education and Research

2021

Research Study – *NEUSTADT Glashütte*, Simul +, Saxon Ministry for Infrastructure and Regional Development

2019 - 2023

*Designing the Smart City - A guidebook for Municipalities*, Experimental Housing and Urban Development (ExWoSt) by the Federal Ministry for the Interior, Building and Community, Managed by the Federal Institute for Research on Building, Urban Affairs, and Spatial Development (BBSR), Project Lead

2017 - 2021

*City\*Region Transformation Design*, Space for Action: Urban Transformation Design, Robert Bosch Foundation, collaborative Project with ten partners

2010 - 2013

*Spatial Justice – Research on Spatial Justice*, TU Braunschweig, Supported by the Urban Age Program of the Alfred Herrhausen Foundation, Scientific Project Collaboration

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## Projects

Urban Catalyst GmbH Berlin

<https://urbancatalyst.de/>

Various projects in urban design, regional planning, urban research, mediation and consulting

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## Latest Publications

peer reviewed

- Jank L., Humann M.: „Alles kommt vom Bergwerk her“ In: Schmid K., Altrichter B. et al. (Eds.) *Vom Hörsaal zum Dorfplatz*, Jovis, Berlin, 2024
- Humann M., Nönnig J., Räuchle Ch. et al.: „[Die digitale Stadt gestalten](#) – ein Handbuch für Kommunen“, Individual Publication BBSR (Ed.), June 2022
- Humann, M.: „[Digitalization in cooperative Urbanism](#)“, In: BBSR (Ed.), *Information on Spatial Development (IzR)*, Issue 4/2021 “Thinking Cities, Making Cities”, Dec 2021
- Humann, M.: „[Towards the Co-Production of Urban Space for Increased Inclusiveness](#)“, In: Wende W.,

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- >St. Peter Code, street transformation
- >Lecture at DAM, German architecture museum, Frankfurt
- >EUROPAN 17 Germany

### Latest Publications

Nijhuis S., Mensing-de Jong A. & Humann M (Eds.), *Inclusive Urbanism: Advances in Research, Education and Practice* (pp. 243-262), Research in Urbanism Series Vol.6, TU Delft, Delft, 2020 (<https://rius.ac/index.php/rius/article/view/102>)

- Wende W., Nijhuis S., Mensing-de Jong A., Humann M (Eds.): [Inclusive Urbanism: Advances in Research, Education and Practice](#), TU Delft, Delft, 2020
- Humann, M.: [Urban design meets digital grassroots](#), Online Magazin Marlows, frei04 publizistik

### Publications (2022 -2024)

- Deppe G., Humann M., Jank L., Korn S., [Erzgebirge Atlas](#), Hg. Professur für Urbanismus und Entwerfen, Dresden 2023
- Die Smart City und der Weg dahin, Humann, M., Angstmann M., Flögel F., Walther Ch. in *Forschung aktuell 01/2023*, Hg. Institut für Arbeit und Technik Gelsenkirchen, Bochum 2023
- Humann, M., Fenzlein, H. et al.: *Common Camp Prizren, Revitalisierung einer ehemaligen KFOR Kaserne in Prizren Kosovo*, Reihe Urbanismus und Entwerfen, Dresden 2023.
- Humann, M., Walther, CH.: *Von Crowd Data und Digitalen Zwillingen* In: *Schüssler Plan-Magazin Ausgabe 19/2022 Under Construction*, Düsseldorf 2022.
- Amtmann J., Humann M., Walther Ch.: [Cyber-physische Systeme im öffentlichen Raum: Ein exploratives Mapping](#), BBSR-Online-Publikation 23/2022, Bonn 2022.

### Exhibitions & lectures

#### 2022-2024

- Coproduction of Urban Space* at Alter Leipziger Bahnhof, Urban Intervention and Action Week, City of Dresden
- St. Peter Code*, Transformation of a main street in Dresden, Exhibition at the Centre for Architectural Culture Saxony
- Becoming a Smart City*, Lecture at DifU German Institute of urbanism
- Hügel, Halden, Hoffnung*, Exhibition of Study Works, Urban Design Studio Ore Mountains, ReFrame, Dresden
- Erzgebirge Atlas*, Traveling Exhibition in the Region
- Masterplan Prohlis*, Exhibition Urban Design Studio
- Designing the Digital City*, Panel on Model Projects for Smart Cities, Smart Country Convention 2022
- Input & respond, European E 16/ 17 Launch
- The City of Tomorrow*, lecture at Spannweiten