

# Department of Spatial Planning



# Department

## European Planning Cultures

### **Prof. Dr. Karsten Zimmermann**

European spatial planning and spatial development policies; europeanization of domestic planning systems; comparative research on european planning systems and planning cultures

## International Planning Studies

### **Prof. Dr. Sophie Schramm**

Urbanization and social transformations (urban-rural relations, multi-locality, globalization); urban, regional and global resource flows and their role in urban development planning systems and planning practices in international comparison

## IRPUD

### **Prof. Dr. Stefan Greiving**

Urbanization and social transformations (urban-rural relations, multi-locality, globalization); urban, regional and global resource flows and their role in urban development planning systems and planning practices in international comparison

## Land Policy, Land Management, Municipal Geoinformation

### **Prof. Dr. Thomas Hartmann**

Strategies and instruments of land policy influences the relation between spatial planning and property rights. This includes land management, land valuation, and cartography

## Landscape Ecology and Landscape Planning

### **Prof. Dr. Dietwald Gruehn**

Ecological foundations of sustainable development; goals and principles of landscape planning; instruments and methods of implementation

## Real Estate Development

### **Prof. Dr. Michael Nadler**

Management of integrated real estate and district developments; urban investment projects and financial instruments

## Resource and Energy Systems

### Prof. Dr. Martin Faulstich

Structural change to a sustainable industrial society; re-industrialization of urban areas; models and scenarios for circular economy and energy transition; spatial impacts and planning options

## Spatial Information Management and Modelling

### Prof. Dr. Nguyen Xuan Thinh

Processing of spatial data; geographic information systems; remote sensing; geostatistics; system analysis and models in the context of spatial planning

## Spatial Modelling Lab

### Jun.-Prof. Dr. René Westerholt

Spatial statistics; representations of space and place; user-generated geographic information; quantitative geography; computational social science

## Spatial Planning and Environmental Law

### Prof. Dr. Klaus Joachim Grigoleit

Theory and practice of German and European planning; construction; environmental and regulation law; grid planning

## Spatial Planning and Planning Theory

### Prof. Dr. Thorsten Wiechmann

Strategic spatial planning; metropolitan governance; strategies responding to demographic change; shrinking cities; planning theories



## **Spatial transformation in the digital age**

**Jun.-Prof. Dr. Meike Levin Keitel**

Spatial transformation in theory and practice, spatial mobility issues especially from a spatial planning perspective; spatial planning in the digital age; integrated spatial planning and other sectoral planning (transport planning, water management); spatial planning as science and its transdisciplinary character

## **Transport Planning**

**Prof. Dr. Eva Heinen**

**Prof. Dr. Joachim Scheiner**

Interdependencies between transport and land-use structures; integrated transport planning and policy; travel behaviour; active travel; data collection and analysis methods for mobility and transport

## **Urban development, land-use planning and urban design processes**

**Prof. Dr. Renée Tribble**

The focus is on the design of the city and the built environment, taking into account the processes and actors involved: urban planning, urban land use planning, urban design, urban development, urban regeneration, urban history, heritage management, participatory, informal and cooperative planning processes and urban practice

## **Urban Development**

**Prof. Dr. Stefan Siedentop**

New urbanisation processes in a European context as Managing Director of the Research Institute for Regional and Urban Development (ILS) [ils-forschung.de](http://ils-forschung.de)

## **Urban and Regional Planning**

**Prof. Dr. Frank Othengrafen**

Development and implementation of plans and programs at municipal and regional level with particular focus on methods and instruments; land-use planning; governance procedures in urban and regional planning

## **Urban and Regional Sociology**

**Prof. Dr. Susanne Frank**

Sociology of housing and settlement structures; interactions of social and spatial transformations; qualitative methodologies in social and planning research

## **Urban, Regional and International Economics (Department of Business and Economics)**

**Prof. Dr. Christiane Hellmanzik**

Basic economics in spatial planning; spatial and economic restructuring; municipal and regional economic policy

# **Department of Spatial Planning**

Since its founding in 1968, the Department of Spatial Planning has pursued an interdisciplinary approach covering all spatial levels of planning. The Department of Spatial Planning at TU Dortmund is one of the largest educational institutions of its kind in Europe, both with respect to the number of students and the range of topics.

### **More information:**

[raumplanung.tu-dortmund.de/en/](http://raumplanung.tu-dortmund.de/en/)

# Studies

The Dortmund Department of Spatial Planning is the largest training centre for academic planners in Europe. This holds true for both the numbers of students and the comprehensiveness of the education offered.

The Department offers an eight-semester undergraduate programme in Spatial Planning (B.Sc.) and a consecutive two-semester postgraduate programme (M.Sc.). In addition to these programmes taught in German, we offer two English-language specialisations of our Master's programme aimed particularly at international students: "Urban Transformation" and "Planning in the Global South". A further renowned and widely recognised English-language degree is our separate programme "Spatial Planning for Regions in Growing Economies" (SPRING). The latter programme is offered in cooperation with academic and exchange partners in Brazil, Chile, Ghana, the Philippines and Tanzania.

Our alumni have excellent prospects in all areas of public, charitable and private organisations. Their main professional fields are in the design, management and control of spatial development processes.



# Research

Since its foundation in 1968, the Department of Spatial Planning has pursued an interdisciplinary approach including all spatial levels. Our research addresses some of the key challenges that our society poses to spatial planning as an academic discipline. Our research projects offer a high degree of practical relevance in the design of spaces, and often include working on concrete interventions in cities and regions on a case-by-case basis. Existing planning procedures are reviewed, and new approaches are tested, for example, in urban renewal, with respect to new challenges in the light of energy and mobility change, and in regional development. Also, planning interventions, instruments and procedures are subject of our research activities. We are further also committed to methodological research like the advancement of spatially oriented analysis, evaluation and forecasting methods, including the transfer of these findings into technical solutions.

The research agenda of the school is oriented along four thematic fields:

- » Transformation and design of polycentric city regions
- » Land use planning and urban development in the global south
- » Climate change, energy transition and spatial planning
- » Mobility, migration and socio-demographic change



# Contact

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