

Leibniz Institute of Ecological Urban and Regional Development (IOER)

**Research and Advice for the
Sustainable Development of Cities and Regions**

Welcome to Dresden!

Robert Knippschild



IOER Overview

- Founded in 1992
- Non-university spatial development research institute, interdisciplinary approach
- Member of the Leibniz Association
- 125 employees and 10 scholarship holders (due date: 31.12.2018)
- Budget: 10.6 million Euros, including 4.3 million Euros of third-party funding (2018)
- Close cooperation with the Technische Universität Dresden and the United Nations University (UNU-FLORES)
- Cooperation with partners in Europe, Asia and America



Research and Advice for the Sustainable Development of Cities and Regions

We investigate cause-and-effect relationships between the natural environment and society and the options available to society for influencing them.

Particular attention is paid to the global and regional challenges of urban and regional development, for example those posed by climate change and demographic change.

Research and Advice for the Sustainable Development of Cities and Regions

Our objective is the development of cities and regions

- to optimise the quality of environment and life and provide full scope for nature to develop,
- to ensure urban and regional resource efficiency, and
- to prevent environmental risks.



Landscape Change and Management



Resource-Efficiency of Settlement Structures



Environmental Risks in Urban and Regional Development



Monitoring of Settlement and Open Space Development



Economic Aspects of Ecological Urban and Regional Development



Sustainability Transitions in Cities and Regions



Ecological and Revitalizing Urban Transformation

Promotion of Young Scientists

- Promotion of doctoral and habilitation projects of young scientists from a range of disciplines
- IOER provides structured support for doctoral candidates and diploma/master theses
- International Dresden Leibniz Graduate School (DLGS) together with TU Dresden
- Qualification programme for postdocs



Research and Policy Advice

With the results of its research, the IOER provides politics, administration, and society with an important basis for planning and policy decisions.



Knowledge Transfer

The IOER contributes to the scientific discourse, and engages in broad public relations activities. It organises specialist events and brings out publications of its own.



IOER: Partner in Networks

- Cooperation with a large number of partners in science, politics and administration, as well as with the private sector and civil society. Some examples:
 - Cooperation agreements with universities (e.g. TU Dresden)
 - Member of the 5R Competence Network (institutions of the Leibniz Association dealing with spatial science)
 - Member of Leibniz Research Alliances
 - Coordinator of the Network of Spatial Research and Planning Institutes in Central and Eastern Europe (spa-ce.net)
 - Participant in European Research Projects
 - Member of international scientific organizations, e.g. Association of European Schools of Planning, European Centre for Nature Conservation, Regional Studies Association
 - Partner of federal and state authorities as well as municipalities

The Interdisciplinary Centre for Ecological and Revitalizing Urban Transformation (IZS)

- Cross-border “urban laboratory” in Görlitz
- Interdisciplinary research and transfer activities on issues of ecological urban regeneration in the context of climate change, demographic and socio-economic change, energy transition
- Joint research facility of IOER and Technische Universität Dresden, represented by the International Institute (IHI) Zittau
- Supported by:
 - German Foundation for Monument Protection
 - City of Görlitz
 - KOMMWOHNEN Görlitz GmbH



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www.ioer.de

