

## The IOER – A Partner in Strong Networks

We engage in cooperation and networking with numerous partners in spatial research and neighbouring disciplines in Germany and abroad. We collaborate closely with leading universities and non-university institutions in Germany and abroad. We maintain a special relationship with the **Technische Universität Dresden (TU)**, for example in central TU facilities and in the framework of the Excellence Initiative. Major strategic partners are the spatial research institutes of the **Leibniz Association (5R Network)**. The network includes the Academy for Spatial Research and Planning (Hannover), the Leibniz Institute for Regional Geography (Leipzig), the Leibniz Institute for Regional Development and Structural Planning (Erkner), and the Research Institute for Regional and Urban Development (Dortmund).



The Institute accommodates the contact point for a European Union cooperation programme: the **CENTRAL EUROPE Contact Point** Germany. The primary aim of this project is to foster transnational economic, ecological, and social development in Central Europe. We coordinate the “Network of Spatial Research and Planning Institutes in Central and Eastern Europe” (**spa-ce.net**). Our scientists work together with partners in over 20 European countries, as well as in America and Asia.

## Contact

### Leibniz Institute of Ecological Urban and Regional Development

Weberplatz 1 · 01217 Dresden, Germany  
Phone: +49 (0)351 46 79-0  
Fax: +49 (0)351 46 79-212  
E-mail: [info@ioer.de](mailto:info@ioer.de)  
[www.ioer.de](http://www.ioer.de)



### Director

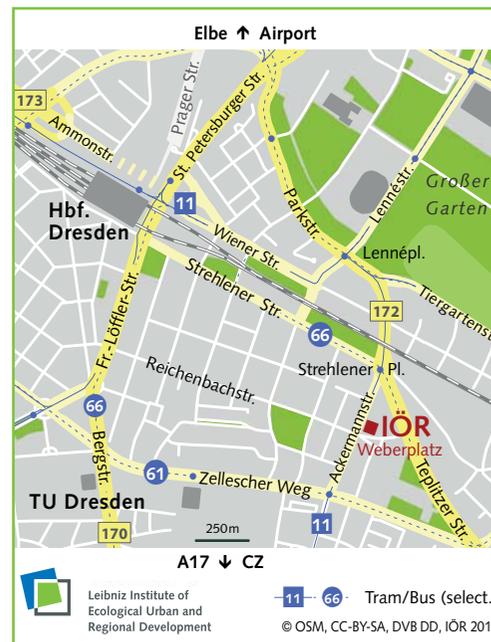
Prof. Dr. Dr. h. c. Bernhard Müller

### Head of Administration

Dipl.-Ing. oec. Heike Bernhardt

### Public Relations

Dipl.-Journ. Heike Hensel



Leibniz Institute of  
Ecological Urban and  
Regional Development

## Research and Advice

for the Sustainable Development  
of Cities and Regions

## The Leibniz Institute of Ecological Urban and Regional Development (IOER)

The Leibniz Institute of Ecological Urban and Regional Development (IOER) is an establishment of the Leibniz Association for spatially oriented theme-based research focusing on ecological aspects of sustainable development. Our concern is the scientific basis for the sustainable development of cities and regions in the national and international context. We investigate how cities and regions can be developed with reasonable effort to offer the population the greatest possible quality of environment and life and to provide nature with far-ranging possibilities to develop that are resource-efficient and offer adequate safeguards against environmental risks.

We pay particular attention to the global and regional challenges that climate and demographic change pose for urban and regional development. Our work focuses on interactions between society and the natural environment and the questions they raise.

## Fostering Young Scientists

We are fully committed to the task of promoting young researchers. The Institute offers structured support for post-graduate studies. Together with the **Technische Universität Dresden (TU)** and the Academy for Spatial Research and Planning (ARL) we have established the international "**Dresden Leibniz Graduate School**" (DLGS). Doctoral candidates are given the support they need to complete their studies as rapidly as possible. Dissertations generally require about three years for completion. In the context of the DLGS we place particular emphasis on the framework topic *urban and regional resilience – managing change for sustainable urban and regional development*.

## Our Research

Our research sets out to investigate the global and regional challenges facing cities and regions and their implications for spatial and environmental development. We set the following research priorities:

In the Research Area "**Landscape Change and Management**" we investigate change in cities and regions with the focus on open spaces and ecosystem services, as well as strategies and tools for influencing change.

The Research Area "**Resource Efficiency of Settlement Structures**" looks at whether and to what extent cities, buildings, and infrastructures can be designed and refined to consume less land and material and to achieve higher energy efficiency.

In the Research Area "**Environmental Risks in Urban and Regional Development**" we analyse and assess risks for spatial development from natural hazards and climate change, as well as planning strategies, tools, and risk prevention.



The Research Area "**Monitoring of Settlement and Open Space Development**" develops survey, monitoring, and analytical procedures for better describing the state of and changes in land use, also forecasting methods for establishing residential land requirements as a driving force in urban and regional development.

In the Research Area "**Strategic Issues and Perspectives**" we address overall issues of sustainable development for cities and regions in the national and international context, examining the theoretical and methodological requirements and furthering the strategic development of the Institute.

## How the Institute is Financed

The Institute is financed by the Federal Government and the State Governments with the addition of third-party funding. The IOER maintains a staff of some 130. Founded in 1992, the Institute is governed by the Board of Trustees, the Directorate, and the Scientific Advisory Committee.

