



## Cracks in the Concrete Jungle New Perspectives on Urban Ecology

For the past seven years, the DFG graduate research group on urban ecology has been investigating the dynamic interface between cities, nature, and people.

We are pleased to welcome representatives from different disciplines and different parts of the world to our fifth and final international congress on urban ecology.

The congress focuses on the development of urban nature in the context of contemporary challenges, especially with regard to the quality of human life.

## Contact

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## Registration

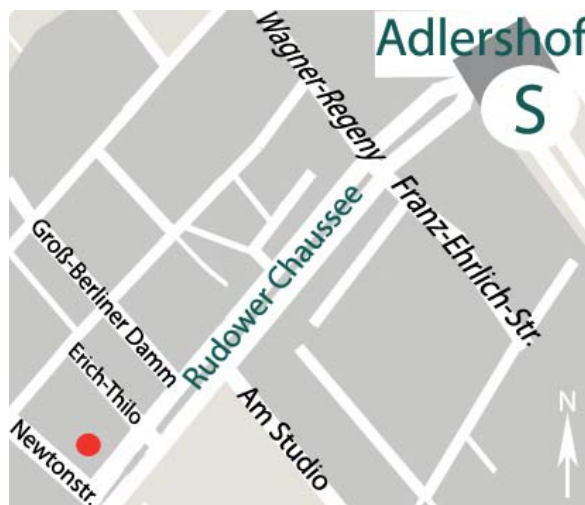
Regular fee	EUR	50
Students	EUR	10
One-day fee	EUR	30

### Account details:

Prof. Dr. Wilfried Endlicher  
Account no.: 6010705345  
Bank: Berliner Sparkasse  
Bank code: 100 50 000  
Re: congress fee (your name!)  
IBAN: DE92 1005 0000 6010 7053 45  
BIC: BELADEBEXXX

## Location

Forum Adlershof  
Corner of Rudowerchaussée / Newtonstraße  
12489 Berlin  
Germany



## Friday, October 22, 2010

8:00 Registration

9:00 – 9:15 Greeting and opening statements by graduate programme chair Prof. Dr. Wilfried Endlicher, Department of Geography, Humboldt-Universität zu Berlin

### Session 1: Sustainable Planning and Policy

9:15 – 10:00 Jürgen Breuste (Keynote), Austria  
Urban soil sealing—Key indicator for urban ecological functionality and ecological planning

10:00 – 10:20 Juliane Mathey & Stefanie Rößler, Germany  
Adaption to climate change by urban green systems in relation to urban brownfield renaturation

10:20 – 10:40 Marco Voltini, Italy  
Infrastructure as a medium for democracy and architecture

**10:40 – 11:00 Coffee break**

11:00 – 11:20 Miguel Martínez & Elisabeth Lorenzi, Spain.  
“Bike every day, celebrate it once a month.” Critical Mass sustainable urban mobility, and social articulations

11:20 – 11:40 Joëlle Salomon Cavin, Switzerland  
Environmental organisations: towards integrative strategies?

11:40 – 12:00 Braulio Eduardo Morera, UK  
Planning through images: influences of contemporary design practice on chinese environmentalism

**12:00 – 13:30 Lunch**

### Session 2: Urban Biodiversity

13:30 – 14:15 John Marzluff (Keynote), USA  
Investigating the Mechanisms that Change Bird Diversity along a Gradient of Urbanization

14:15 – 14:35 Barbara Clucas, USA  
Human-avian interactions in urban areas

**14:35 – 15:00 Coffee break**

15:00 – 15:20 Götz Heinrich Loos, Germany  
Invasive habitats of the Ruhrgebiet (Germany)—finding a niche?

15:20 – 15:40 Sonja Knapp, Germany  
Changes in the functional composition of a Central European urban flora over three centuries

15:40 – 16:00 Christopher David Ives, Australia  
The influence of corridor width and landscape characteristics on the biodiversity of urban riparian zone

**16:00 – 16:30 Coffee break**

## 16:30 – 18:00 Poster session

18:00 Dinner reception

19:00 Exhibition opening: The Art of Urban Ecology

## Saturday, October 23, 2010

8:15 Registration

### Session 3: Environmental Media

9:15 – 10:00 Michael Bruse (Keynote), Germany  
Urban Vegetation and Climate Change: Assessing Potentials and Uncertainties with numerical models

10:00 – 10:20 Sabine Wurzler, Germany  
Improving the air quality in our cities: are the measures effective?

10:20 – 10:40 Ulrike Weiland, Germany  
On the spatial correlation between PM10 concentrations and social strata in an urban environmental zone—the example of Berlin

10:40 – 11:00 Fred Meier, Germany  
Trees in the concrete jungle: Spatial and temporal patterns of tree crown temperature in an urban environment

11:00 – 11:20 Phillip Starke, Germany  
Increasing urban evaporation rates

**11:20 – 11:45 Coffee break**

### Session 4: Theory, Methods and Practice

11:45 – 12:30 Wulf Tessin (Keynote), Germany  
“Urban nature” or what planners think people should like, understand or at least shrug off

12:30 – 12:50 Philippe Clergeau, France  
The steps to a new urbanism paradigm

12:50 – 13:10 Undine Giseke, Germany

**13:10 – 15:00 Lunch**

15:00 – 15:20 Paolo Cascone & Andrea Di Stefano, France  
URBAN ECOLOGIES—towards a performative urbanism

15:20 – 15:40 Jinliao He, Germany  
Empirical Study on China’s Major Function Zoning from the Perspective of Ecological Economics—Case study on Beijing—Tianjin Metropolitan Area

15:40 – 16:00 Amir Bahramipannah, Italy  
A Comparative Study of Wind Energy Usage in Architecture: Learning from Traditional Architecture in Iran

**16:00 – 16:15 Coffee break**

### Session 5: Perception and Behavior

16:15 – 17:00 Frances E. Kuo (Keynote), USA  
Green environments as key components of a healthy human habitat

17:00 – 17:20 Robbert Snep, Netherlands  
Bridging the gap between red and green? How to get architects, project developers and entrepreneurs involved in urban biodiversity conservation

17:20 – 17:40 Katrin Großmann, Germany  
Some like it hot?—Integrating measurements of land surface and air temperature with self-reported wellbeing

**17:40 – 18:00 Coffee break**

18:00 – 18:20 Ioana Florea, Romania  
The Concrete pieces that Crack faster: Vulnerable groups and environmental behaviours

18:20 – 18:40 Jens Martin Gurr & Martin Butler, Germany  
Approaching the ‘Cultural Dimension of Sustainability’: On Urban Cultures as Ecological ‘Force—Fields’ in Processes of Sustainable Development

18:40 – 19:00 Dieter Rink & Thomas Arndt, Germany  
Urban Forest as an Innovative Open Space Strategy for Shrinking Cities

19:00 – 19:20 Conclusions and perspectives by graduate programme associate chair Prof. Dr. Ingo Kowarik, Department of Ecology, Technische Universität Berlin

19:20 – 20:30 Closing reception

## Sunday, October 24, 2010, 10:00 - 14:00

Excursion 1:  
TAKE OFF—Tempelhof  
dynamics of urban airports  
without planes

Excursion 2:  
Urban water management  
for inner city area Potsdamer Platz in Berlin

