



The "Speakers' Corner" provides information regarding the progress of the research within the IP Urban Transformations. It informs about ongoing processes, decisions and events. Its content is the result of the close consultation of IP-Speaker, Manager and WP-Speakers. In the event of queries or requests for additional information please do not hesitate to contact us.

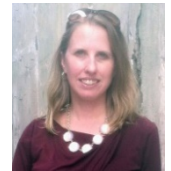
## IP News



### sustainability

**Deadline extended:** The [Call for papers](#) for the **Special Issue in Sustainability** "Urban Transformations Towards Sustainability" ends on **31<sup>st</sup> December 2019** (Guest Editor: Sigrun Kabisch). The focus lies on research results and new concepts related to complex and interrelated challenges such as urban land use change, infrastructure adaptation, health transformations or energy transition.

**Visiting Fellow:** Between June-August 2019 we are happy to welcome **Michelle Eichinger**, who is doctoral student in Planning, Design and the Built Environment from Clemson University in South Carolina, USA. She had a career in public health specializing in community health and chronic disease prevention working at the Centers for Disease Control and Prevention in Atlanta, Georgia and the State of Delaware Division of Public Health. Her research interests are in applied spatial epidemiology and utilizing GIS in studying food access and active living. She is working in building 1, room 304; E-mail: [michelle.eichinger@ufz.de](mailto:michelle.eichinger@ufz.de).



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**8<sup>th</sup> meeting of the EU funded project ANYWHERE:** From 21<sup>st</sup>-24<sup>th</sup> May, Christian Kuhlicke, Oliver Gebhardt and Daniela Siedschlag hosted a project meeting of "EnhANCing emergencY management and response to extreme WeatHER and climate Events – ANYWHERE". 50 partners representing 26 institutions from 10 European countries had an intense exchange about: (1) the current status of the implementation of a pan-European multi-hazard decision support platform A4EU. This platform is currently running under operational conditions, among others, in the city of Genova as well as in Catalonia. (2) the future marketing of A4EU, (3) first insights into the added value of A4EU compared to previous used early warning systems presented by the UFZ team and (4) the preparation of the serious game "ANYCaRE" for the Working Party on Civil Protection-Workshop during Finland's Presidency of the EU-Council in July 2019.



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**Lecture of Dr. Annett Steinführer, Thünen-Institute Braunschweig:** The lecture on Tuesday, 28<sup>th</sup> May 2019 was titled "Auf's Land! Warum Dörfer und kleine Städte mehr wissenschaftliche Neugier verdienen". Her plea for a stronger consideration of smaller and medium towns in rural areas meets the emerging research field on future development of agricultural landscapes in TB6. The event was part of the lecture series [Leipzig Geographical Colloquium](#).

## Upcoming events



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**Next lecture** within the series "[Children's Environmental Health in Urban Context](#)" on **Tuesday, 25<sup>th</sup> June 2019** from 1-3pm: **Prof. Dr. Matthias Richter**, Director of the Institute of Medical Sociology, Medical Faculty at the Martin Luther University Halle-Wittenberg will speak on "Kinder, Jugendliche und die sozialen Determinanten von Gesundheit" (venue: UFZ, lecture hall in building 1). He will give insights into the comparative perspective of the WHO study [Health Behaviour in School-aged Children](#) and discuss social, economic and political factors influencing the health of adolescents as well as the determinants and mechanisms that shape the influence of social inequality on health issues. *The lecture will be in German.*

**Research on Resilience/Resilient Cities:** After the UFZ-wide query in March 2019, within which more than 30 researchers from all research units declared their interest in working on the issues "(urban) resilience" and/or "resilient cities", the IP Urban Transformation will organize several events at the UFZ in order to discuss the state of the art of research on resilience and future research questions.



**Save the dates: UFZ-internal Workshop** on 9<sup>th</sup> September 2019 and **International Workshop** on „Urban Resilience/Resilient Cities“ from 5<sup>th</sup>-6<sup>th</sup> December 2019.

## International Conferences

**Sigrun Kabisch** took part in the American Association of Geographers (AAG) Meeting under the heading "Geography, GIScience, and Health" in Washington, DC, 3<sup>rd</sup>-7<sup>th</sup> April 2019. She got in touch with a number of health geographers who combine public health research with geographical approaches and gave a lecture on her long-term monitoring of the large housing estate Leipzig-Grünau.



**Ellen Banzhaf** held a special session on "Capturing urban green infrastructure provision using aerial and orbital sensor systems" at the Joint Urban Remote Sensing Event (JURSE) from 22<sup>th</sup>-24<sup>th</sup> May, 2019 in Vannes, France.



**ECCA Conference 2019:** From 27<sup>th</sup>-30<sup>th</sup> May 2019, Chloe Begg and Oliver Gebhardt attended the European Climate Change Adaptation conference (ECCA) in Lisbon. **Chloe Begg** presented the results of an analysis of the co-producing processes of two European Projects members of the WP 4 of the IP Urban Trans are involved. **Oliver Gebhardt** presented an approach for the strategic planning of urban green infrastructure networks for climate change adaptation and an analysis of drivers of climate change adaptation and barriers to its implementation in Europe. Further contributions from IP Urban Trans members came from **Natalie Jean-Baptiste** ("Housing and Low-Income Communities") and **Reimund Schwarze** "Financing Climate Change Solutions in Cities".

## People

**Annegret Haase** completed a research and teaching stay based on an international grant at the Faculty of Economy and Sociology at the University of Łódź, Poland (April-May 2019). The research cooperation focused on socio-environmental processes in cities, e.g. environmental justice, eco-gentrification, relations between urban green space distribution and residential segregation. During her stay, she organized a workshop on the topic "Environmental justice in postsocialist cities" together with Prof. Jakub Kronenberg and Dr. Ewa Laszkiewicz.

Prof. Dr. S.M. **Shiva Nagendra** from the Indian Institute of Technology Madras (IITM) in Chennai, India, visited the UFZ from 14<sup>th</sup> May - 5<sup>th</sup> June 2019. The IITM cooperates with the UFZ departments MOLSYB (Andrea Müller) and SUSOZ (Uwe Schlink) for the determination of urban health risks within the DAAD project "Toxicity and exposure assessment of fine particulate matter under changing climatic conditions". The photo shows the team at a project meeting (from left to right): Himanshu Setia (IITM), Uwe Schlink, Andrea Müller, Shiva Nagendra and Dheeraj Alshetty (both IITM).



On 6<sup>th</sup> November 2018, **Madhumitha Jaganmohan** successfully defended her PhD-thesis entitled "Cooling effects of urban green spaces on residential neighbourhoods: a review and empirical study". The defense took place at the Institute of Geosciences and Geography of Martin-Luther-University Halle Wittenberg. At UFZ, Madhumitha's work was rooted in both IPs 12 and 13. Her supervisors were Nina Schwarz, Ralf Seppelt, Carsten Buchmann and Sonja Knapp with further support by Ellen Banzhaf and Uwe Schlink.

## Conceptual Research on Urban Transformations

Since the start of our IP in 2014, IP members have continuously worked on the **conceptual framing** of urban transformations. Selected publications are presented in the following section. The full list of IP publications can be accessed on our [website](#).

## Books and Brochures



Publication ceremony of the scientific **history of the City of Leipzig**: On 25<sup>th</sup> April 2019 the fourth and last edition has been published under the title "From the First World War until today" describing the situation in Leipzig during revolutions, two World Wars, the GDR regime and after the German reunification. It includes the contribution "Schlaglicht: Leipzig-Grünau" by **Sigrun Kabisch** and the chapter "Von der Schrumpfung zum Wachstum - Demographische und ökonomisch-soziale Entwicklungen" by **Sigrun Kabisch and Dieter Rink**.

## Selection of (peer-reviewed) Articles

Volkea, Victoria; **Knapp, Sonja**; Roloff, Andreas (2019): Survey of *Hymenoscyphus fraxineus* in a central European urban area and exploration of its possible environmental drivers. *Urban Forestry & Urban Greening* 40 (2019): 165-173.  
Chen, X., de Vries, S., Assmuth, T., Dick, J., Hermans, T., Hertel, O., Jensen, A., Jones, L., **Kabisch, S.**, Lanki, T., Lehmann, I., Maskell, L., Norton, L., Reis, S., (2019): Research challenges for cultural ecosystem services and public health in (peri-)urban environments. *Sci. Total Environ.* 651 (Part 2): 2118 – 2129.

New UFZ-Discussion Paper:

**Intelmann, Dominik** (2019): Healthy City – Einführung in ein Stadtkonzept. UFZ-Discussion Paper 2/2019. [LINK](#)