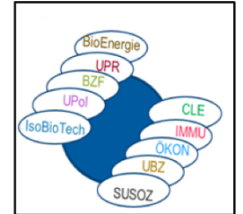




The "Speakers' Corner" provides information regarding the progress of the research within the IP Urban Transformations. It informs about ongoing processes, decisions and events. Its content is the result of the close consultation of IP-Speaker, Manager and WP-Speakers.

IP News

IP Workshop on future collaborations within POF IV took place on 10 February 2020: The IP steering committee came together with invited guests from the UFZ in order to discuss future research foci. The speakers of the four work packages gave short introductions into the already existing projects and prospective research. The following exchange with UFZ-researchers from 10 departments identified overlapping research questions and the "climate-resilient city" as common research mission.



Conference on droughts in Central Germany: On 14-15 January 2020 around 150 participants attended the UFZ-conference on impacts, challenges and adaption options with regard to droughts. It was organised by Christian Kuhlicke, Daniela Siedschlag (both SUSOZ) together with Andreas Marx and Michael Peichl (Climate Office for Central Germany, CHS). The conference brought together scientists, practitioners as well as representatives from government and administration and identified a need for comprehensive research and policy action in order to mitigate negative effects of droughts on agriculture, forestry and water management.

The **three-year project "uVital" chaired by Sigrun Kabisch and Janine Pößneck** (SUSOZ) started in January 2020. It is part of the Trans-Atlantic-Platform "Social Innovation" and funded by the BMBF. The project adopts living labs as user-oriented social innovation to create and validate solutions for social housing upgrading with reference to climate change at local level. Besides the UFZ, project partners in Brazil, the Netherlands and UK are involved in the international collaboration.



Update from the FUSE project (Food-Water-Energy Nexus for Urban Sustainable Environments): Team members Raphael Karutz (SUSOZ), Christian Klassert and Yuanzao Zhu (both OEKON) presented their work at AGU Fall Meeting in December in San Francisco (USA) and met the project partners at Stanford University for a modelling team meeting. In January, Raphael Karutz, Yuanzao Zhu and Heinrich Zozmann (ÖKON) conducted qualitative fieldwork in Pune (India) on migration trajectories, vulnerability and water use patterns, as well as a large (n=2000) survey on food-water-energy use of urban households .

Invited talk by Uwe Schlink at the 4th Indian International Conference on Air Quality Management (IICAQM 2019) at the Indian Institute of Technology Bombay, Mumbai in December 2019: The talk presented recent developments of personal exposure assessment. The conference was organised by the University of North Texas (USA) and prioritised the tremendous air pollution problems in many metropole regions in Asia. Uwe Schlink also contributed with lectures to a preceding winter school on "Real-time urban air pollution and personal exposure monitoring".

On 14-15 November 2019 the **kick-off meeting of the project ExpoAware** (Environmental volunteered geographic information for individual exposure awareness and healthy travel behaviour) took place in Berlin. 15 other projects funded in the frame of the DFG-SPP VGI science started at the same time. In ExpoAware the UFZ (Uwe Schlink, Carolin Helbig, Abdelrhahn Mohamdeen) cooperates with the Institute of Psychology, University of Leipzig (Torsten Masson, Anna Becker).

The unique **longitudinal study "Housing and Living in Leipzig-Grünau"** will be continued this year. Since 1979 ten surveys have been conducted to analyse the socio-demographic and urbanistic dynamics of the large housing estate. A special focus lies on the residents' perspectives on their housing conditions in the long run. In spring 2020, the 11th survey wave will take place. Particular attention will be given to the residents' adaptation to climate change at local level. The study gets support by the Leipzig municipality. [LINK](#)





BMBF project “Leipziger BlauGrün”: The work in sub-projects started and first results were discussed with the local city planning department and the district "Leipzig 416" investor. The project aims were presented to the general public at a neighbourhood forum. An external kick-off in summer 2020 will complement public relations work.

Six new student assistants (HiWis) were hired in order to assist in conducting field work with focus on surveys and interviews between March and July 2020. They will commonly work for the projects PIVO – Private Eigenvorsorge (Daniela Siedschlag, Christian Kuhlicke), the longitudinal study Grünau 2020 (Sigrun Kabisch, Janine Pößneck), Nature-based Solutions for flood risk management (Sungju Han, Christian Kuhlicke) and Farmers and Foresters drought risk adaptation (Mariana de Brito, Christian Kuhlicke)(all SUSOZ).

Training Event week within the EU-ITN “RE-CITY. Reviving shrinking cities”: The event took place from 20-24 January 2020 at the UFZ and was organised by Annegret Haase and Janine Pößneck (SUSOZ): It started with a scientific workshop on “Urban Resilience in a complex and contested world: promises and challenges of cross-concept and multidisciplinary perspectives”. Erik Andersson (Stockholm Resilience Centre) and Rüdiger Wink (HTWK Leipzig) were invited as key note speakers. The following training school introduced the international PhD fellows to the topics and approaches of UFZ’s research on sustainable urban transformations. The program included lectures, discussions, interactive formats and field trips in the city of Leipzig.



Field trip to Grünau with S.Kabisch (Foto: J. Pößneck)

Juliane Schicketanz and Anika Schmidt (both SUSOZ) attended a 2-day **research workshop on Mixed Methods** at Leibniz-Institut für Länderkunde Leipzig (IfL). On the first day, Mixed Methods were introduced by U. Kelle (University Hamburg) and different ideas, advantages and challenges of mixing methods were discussed. Second day, “Experi-Spaces” offered the opportunity to play around with mixed methods in the fields of eye tracking, combining spatial statistics and qualitative interviews and network analysis.

Upcoming events/ Save the date

In order to advance the IP Urban Trans research with regard to POF IV towards “Urban Resilience” an **international workshop on “Resilient Cities: Promises and Paradoxes” will be held at UFZ between 25-26 May 2020**. The workshop aims to develop a shared understanding of the current state of the scientific engagement with “resilient cities” by focusing on some of its underlying assumptions and by unravelling potential implications. **The [call for applications](#) is open till 15 March 2020**. [Mariana Madruga de Brito](#), Dieter Rink and Christian Kuhlicke (SUSOZ) will coordinate the event.



International conference “Sustainable & Resilient Urban-Rural Partnerships”: 40 abstracts have been submitted. The call for papers will open in March. www.upr2020.eu

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 www.ufz.de/urban.

Selection of Special Issues and (peer-reviewed) Articles

Sushchenko, O. and Schwarze, R. (2020): Economics and finance of disaster risk reduction and climate change adaptation: main gaps identified in the PLACARD project and arising alignment opportunities for the EU Green Deal. PLACARD project, FC.ID: Lisbon. [LINK](#)

Marquart, Heike; Schlink, Uwe; Ueberham, Maximilian (2020): The planned and the perceived city: A comparison of cyclists' and decision-makers' views on cycling quality. Journal of Transport Geography 82, Jan. 2020, 102602) [LINK](#)