



The "Speakers' Corner" is a quarterly newsletter to provide information regarding the progress of the IP-work. 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. This newsletter also contains an overview of the conceptual work on urban transformations which has been carried out by members of our IP. All work can be found on our internal IP Drive: Y:\Gruppen\pof3t13\WP1 Concepts and Synthesis\Eigene IP Publikationen

IP News

To discuss and clarify the multi-disciplinary **understanding of social factors impacting children's health**, a common workshop of the IP Urban Trans (TB Society) and the IP Exposom (TB Chemicals) took place on 29th January. Based on a systematic literature review of 146 journal contributions, 25 experts from social science and epidemiology as well as guests from the children's hospital (LIFE-Child), HU Berlin, TU Dortmund and FH Potsdam discussed different approaches, research results and data sources. We came across that a theoretically based research design including the acknowledgement of discipline specific concepts, which need to be communicated, is a major prerequisite for successful collaboration.

The **3rd German Future Earth Summit** took place from 8-9 February in Berlin. Members of our IP presented the progress of the German Committee Future Earth Working group on urban sustainability transformations and were involved in a discussion panel on co-design, as well as a roundtable discussion on societal resilience and climate extremes.

Invited by the JPI Urban Europe, S. Kabisch participated at the **9th World Urban Forum**, 7-13 February, in Kuala Lumpur. The focus of the WUF9 was directed on the commitment to localize and scale up the implementation of the New Urban Agenda including the SDGs. Within a network meeting on the value of city-city partnerships S. Kabisch gave a presentation on JPI Urban Europe's role as supporter to adapt the NUA at local level and her experiences in transdisciplinary collaboration.

On January 1st the project "**KoopLab: Integration through cooperative development of open spaces - real labs strengthening the socio-ecological development of 'arrival neighbourhoods'**" started. It aims at setting up real-world labs for a cooperative development of open spaces in the cities of Hannover, Leipzig and Dortmund. Real-world labs are places in which a cooperative design (garden, playground, etc.) will be implemented, and they are spaces of encounter, communication and negotiation for the civic society and housing market actors. The focus is on different groups of inhabitants including long-term and recently arrived residents and their specific wants and needs.

ESKP Theme-Special on Urban Future Challenges: The Earth System Knowledge Platform will publish soon a special edition dedicated to pressing urban challenges concerning climate change adaptation and the importance of urban green infrastructure. Five IP-members provide contributions. <https://themenspezial.eskp.de/alle-themenspezial/>

- New IP 1.3 Manager

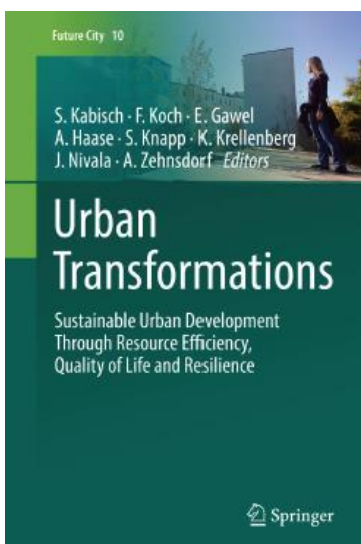
On March 1st, Raffaella Betz started as new IP Urban Trans Manager. She has a Diploma in architecture and urban planning and also studied international management. Besides the IP-related tasks she will support the TB Society board. She is based at the Department of Urban and Environmental Sociology.

We express our gratitude to Dr. Florian Koch for his engagement and support as IP Urban Trans Manager over three years. He will leave the UFZ on March 31st for a professorship in urban planning.



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](#).



1) IP Book

Kabisch, S., Koch, F., Gawel, E., Haase, A., Knapp, S., Krellenberg, K., Nivala, J., Zehnsdorf, A. (Eds., 2018): Urban transformations - Sustainable Urban Development through Resource Efficiency, Quality of Life and Resilience. Springer, 384 pp.

<http://www.springer.com/de/book/9783319593234>

As common product of the IP Urban Trans the book addresses urban transformations towards sustainability in light of challenges of global urbanization processes and the consequences of global environmental change. The aim is to show that urban transformations only succeed if both innovative scientific solutions and practice-oriented governance approaches in an integrated manner are developed. The book contains 20 interdisciplinary contributions from social and natural sciences as well as engineering, which deal with urban transformations to sustainability from different perspectives. In total 37 UFZ researchers from 6 different departments as well as several external colleagues participated in this volume. The book is divided into 4 main parts: "Conceptual approaches of sustainable urban transformations", "Urban Resources and Governance", "Quality of life and Ecosystem services" as well as "Urban risks and Resilience". Furthermore, the book contains an introductory chapter and a reflection text in which the main assumptions and research hypothesis are highlighted.

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2) Peer-reviewed articles

- Kabisch, S., Kuhlicke, C. (2014): Urban transformations and the idea of resource efficiency, quality of life and resilience. *Built Environment* 40 (4), 475 – 485
- Rink, D., Banzhaf, E., Kabisch, S., Krellenberg, K. (2015): Von der „Großen Transformation“ zu urbanen Transformationen. Anmerkungen und Fragen zum WBGU-Gutachten Welt im Wandel. *Gesellschaftsvertrag für eine Große Transformation, GAIA* 1, 21-25
- Krellenberg, K., Koch, F., Kabisch, S. (2016): Urban Sustainability Transformations in lights of resource efficiency and resilient city concepts *Curr. Opin. Environ. Sustain.* 22 , 51 – 56
- Banzhaf, E., Kabisch, S., Knapp, S., Rink, D., Wolff, M., Kindler, A. (2017): Integrated research on land-use changes in the face of urban transformations – an analytic framework for further studies. *Land Use Pol.* 60 , 403 – 407
- Koch, F., Kabisch, S., Krellenberg, K. (2018): A transformative turn towards sustainability in the context of urban-related studies? A systematic review from 1957 to 2016. *Sustainability* 10 (1), art. 58

3) Book Chapters

- Gawel, E., Bedtke, N. (2015): Große Transformationen aus Sicht der Institutionenökonomik und der neuen politischen Ökonomik In: Held, M., Kubon-Gilke, G., Sturn, R. (Hrsg.) *Politische Ökonomik großer Transformationen. Jahrbuch normative und institutionelle Grundfragen der Ökonomik*, 15 Metropolis, Marburg, S. 287 – 322
- Bedtke, N. (2015): Transformationsprozesse und Institutionen: eine theoretische Perspektive für die Wasserwirtschaft In: Gawel, E. (Hrsg.) *Die Governance der Wasserinfrastruktur. Band 2: Nachhaltigkeitsinstitutionen zur Steuerung von Wasserinfrastruktursystemen*. Duncker & Humblot, Berlin
- Gawel, E. (2016): "Great Transformation" towards sustainability and behavioral economics In: Beckenbach, F., Kahlenborn, W. (eds.) *New perspectives for environmental policies through behavioral economics* Springer, Cham, p. 127 – 145
- Haase, D., Haase, A., Rink, D. (2017): Change and persistency: Understanding the social-ecological transition in a post-socialist city – the example of Leipzig, Germany, In: Frantzeskaki, N., Coenen, L., Castan Broto, V., Loorbach, D. (Eds.): *Urban Sustainability Transitions*, Routledge, 257-271
- Rink, D., Kabisch, S. (2017): Urbane Transformationen und die Vision nachhaltiger Stadtentwicklung, in: Brand, K.-W. (Hrsg.): *Die ökologische Transformation der Welt*. Frankfurt/M., S. 243-266.

4) Blogs and other texts

- Squintani, L., Vedder, H., Reese, M., Vanheusden, B (Eds., 2014): *Sustainable energy united in diversity – challenges and approaches in energy transition in the EU European Environmental Law Forum Book Series Vol. 1 EELF*, Helmholtz Centre for Environmental Research, Leipzig, 268 pp.
- Koch, F., Krellenberg, K., Kabisch, S. (2016): How to achieve Urban Sustainability Transformations (UST) in real life politics? Brief for GSDR Sustainable Development Knowledge Platform, 6 pp.
- Haase, A.; Haase, D. Kabisch, S. (2017): Grüne Stadt für alle? Zu aktuellen Herausforderungen von Stadtgrünestaltung und sozialverträglicher Entwicklung. <http://www.esp-de.de/gruene-stadt-fuer-alle-zu-aktuellen-herausforderungen-von-stadtgruengestaltung-und-sozialvertraeglicher-entwicklung-2/>
- Koch, F., Roitman, S., David, M. (2017): A transformative turn in urban studies? Three ideas on how research on sustainable cities can contribute to the SDGs and the New Urban Agenda. <https://transformationstosustainability.org/magazine/transformative-turn-urban-studies-three-ideas-research-sustainable-cities-can-contribute-sdgs-new-urban-agenda/>
- Polzin, C., Beck, S., Bleicher, A., David, M., Dilling, O., Heinz, N., Koch, F., Rode, J., Schmidt, J., Thronicker, I., Weiland, S. (Eds., 2017): Workshop report: 'Unpacking the political in sustainability transformations: Scoping a research agenda for interdisciplinary social science', 10-11 November 2016, Leipzig, UFZ, Leipzig, 57 pp.