

Peer-Reviewed Journal Publications

- 2024** Calabrese, J. M., Schüler, L., Fu, X., Gawel, E., **Zozmann, H.**, Bumberger, J., Quaas, M., Wolf, G., & Attinger, S. (2024). A novel, scenario-based approach to comparing non-pharmaceutical intervention strategies across nations. *J. R. Soc. Interface*, 21: 20240301.
<https://doi.org/10.1098/rsif.2024.0301>
- Zozmann, H.**, Schüler, L., Fu, X., & Gawel, E. (2024). Autonomous and policy-induced behavior change during the COVID-19 pandemic: Towards understanding and modeling the interplay of behavioral adaptation. *Plos one*, 19(5), e0296145.
<https://doi.org/10.1371/journal.pone.0296145>
- 2023** Knifka, W., Karutz, R., & **Zozmann, H.** (2023). Barriers and Solutions to Green Facade Implementation — A Review of Literature and a Case Study of Leipzig, Germany. *Buildings*, 13(7), 1621.
<http://dx.doi.org/10.3390/buildings13071621>
- 2022** Klauer, B., Küblböck, K., Omann, I., Karutz, R., Klassert, C., Zhu, Y., **Zozmann, H.**, ... & Gorelick, S. (2022). Stakeholder Workshops Informing System Modeling —Analyzing the Urban Food–Water–Energy Nexus in Amman, Jordan. *Sustainability*, 14(19), 11984.
<https://doi.org/10.3390/su141911984>
- Zozmann, H.**, Morgan, A., Klassert, C., Klauer, B., & Gawel, E. (2022). Can Tanker Water Services Contribute to Sustainable Access to Water? A Systematic Review of Case Studies in Urban Areas. *Sustainability*, 14(17), 11029.
<https://doi.org/10.3390/su141711029>
- Zozmann, H.**, Klassert, C., Klauer, B., & Gawel, E. (2022). Heterogeneity, household co-production, and risks of water services—Water demand of private households with multiple water sources. *Water Economics and Policy*, 8(01), 2250006.
<https://doi.org/10.1142/S2382624X22500060>
- Karutz, R., Omann, I., Gorelick, S. M., Klassert, C. J., **Zozmann, H.**, Zhu, Y., ... & Klauer, B. (2022). Capturing Stakeholders’ Challenges of the Food–Water–Energy Nexus—A Participatory Approach for Pune and the Bhima Basin, India. *Sustainability*, 14(9), 5323.
<https://doi.org/10.3390/su14095323>
- Zozmann, H.**, Klassert, C., Klauer, B., & Gawel, E. (2022). Water Procurement Time and Its Implications for Household Water Demand—Insights from a Water Diary Study in Five Informal Settlements of Pune, India. *Water*, 14(7), 1009.
<https://doi.org/10.3390/w14071009>
- 2019** **Zozmann, H.**, Klassert, C., Sigel, K., Gawel, E., & Klauer, B. (2019). Commercial Tanker Water Demand in Amman, Jordan—A Spatial Simulation Model of Water Consumption

Decisions under Intermittent Network Supply. *Water*, 11(2), 254.
<https://doi.org/10.3390/w11020254>

Book Chapters, Discussion Papers, Reports and Other Articles

- 2024** Karutz, R., **Zozmann, H.**, Wollschläger, N., Schlink, U. (2024). Fassadenbegrünung als multifunktionales Anpassungsinstrument gegen Hitze: Ergebnisse des Leipziger Pilotprojekts „Lebendige Wände“. In: Kabisch, S., Rink, D., Banzhaf, E. (eds) Die Resiliente Stadt. Springer Spektrum, Berlin, Heidelberg.
https://doi.org/10.1007/978-3-662-66916-7_13
- 2022** Athauda, N., **Zozmann, H.**, Maiwald, L., Klassert, C., & Klauer, B. (2022). The Urban Food-Water-Energy Nexus Footprint Model. An Early Application. *UFZ Discussion Paper 2/2022*, Helmholtz Centre for Environmental Research: Leipzig, Germany.
https://www.ufz.de/export/data/global/264753_DP_2022_2_Athaudaetal.pdf
- 2021** Küblböck, K., Omann, I., Grohs, H., Karutz, R., Klassert, C., Klauer, B., Zhu, Y., **Zozmann, H.**, Smilovic, M. & Gorelick, S. (2021). The role of sustainability living labs in understanding food-water-energy nexus challenges and solutions in India and Jordan. *ÖFSE Working Paper No. 63*, Austrian Foundation for Development Research: Vienna, Austria.
<https://www.econstor.eu/handle/10419/235581>
- 2020** **Zozmann, H.** & Karutz, R. (2020). Urban, informell, resilient? Die Slums der Megacities. In „Auf Kosten Anderer – Die Globalisierung in Bildern“. *Zeitbilder*, Bundeszentrale für politische Bildung: Bonn, Germany.
<https://www.bpb.de/shop/buecher/zeitbilder/314583/auf-kosten-anderer/>
- 2019** **Zozmann, H.** (2019). Large Tanker Water Use by the Commercial Sector in Amman, Jordan. *Water Articles*, Middle East Water Forum: Amman, Jordan.
<https://drive.google.com/file/d/1768GHZz6wQfwFnuRkXjxNWv1AQDgcVWVZ/view>
- 2017** Sigel, K., Klassert, C., **Zozmann, H.**, Talози, S., Klauer, B., Gawel, E. (2017): Urban water supply through private tanker water markets : An empirical market analysis of Amman, Jordan. *UFZ-Report 2/2017*, Helmholtz Centre for Environmental Research: Leipzig, Germany.
https://www.ufz.de/index.php?de=20939&pub_id=24004
- Sigel, K., Klassert, C., **Zozmann, H.**, Talози, S., Klauer, B., & Gawel, E. (2017). Socioeconomic surveys on private tanker water markets in Jordan: Objectives, design and methodology. *UFZ Discussion Paper 4/2017*, Helmholtz Centre for Environmental Research: Leipzig, Germany.
<https://www.econstor.eu/bitstream/10419/167320/1/89458717X.pdf>

Conference Contributions (Selection)

2023

Interactions between autonomous risk appraisal and policy-induced behavioral change – An economic analysis of behavioral adaptation in the COVID-19 pandemic. Erik Gawel & **Heinrich Zozmann**. *Data Science and the COVID-19 pandemic – What have we learned so far?* Center for Advanced Systems Understanding, Görlitz, Germany, June 2023.

Assessing urban water insecurity under access inequality – coupled human-natural systems analyses in the Upper Bhima Basin, India. Christian Klassert, Ankun Wang, Anjuli Jain Figueroa, Yuanzao Zhu, Raphael Karutz, **Heinrich Zozmann**, Bernd Klauer, Erik Gawel, Steven Gorelick. *European Geophysical Union General Assembly*, Vienna, Austria, April 2023.

2022

Residents' perception of green façades – key for urban resilience or just “nice to have”? Raphael Karutz, **Heinrich Zozmann**, Uwe Schlink. *URBIO – Urban Biodiversity & Design*, Leipzig, Germany, November 2022.

Integrated System Analysis of Food-Water-Energy (FWE) Solutions in a Rapidly Growing Region of India. Ankun Wang, Christian Klassert, Raphael Karutz, Yuanzao Zhu, **Heinrich Zozmann**, Bernd Klauer, Peter Burek, Mikhail SMilovic, Taher Kahil, Karin Küblböck, Ines Omann. *American Geophysical Union Fall Meeting*, San Francisco, USA, December 2022.

2020

Measuring Full Cost of Access to Water: A Water Diary Study in Informal Settlements of Pune, India. **Heinrich Zozmann**, Christian Klassert, Bernd Klauer, Erik Gawel. *American Geophysical Union Fall Meeting* San Francisco, California, December 2020.

Multiple-source water demands of a representative agent population under various food-water-energy scenarios: A hydro-economic analysis of the Upper Bhima basin, India. Christian Klassert, Anjuli Jain Figueroa, Yuanzao Zhu, Raphael Karutz, **Heinrich Zozmann**, Bernd Klauer, Erik Gawel, Steven M. Gorelick. *American Geophysical Union Fall Meeting*, San Francisco, California, December 2020.

Food-Water-Energy Challenges in Rapidly Urbanizing Regions – a Focus on Rural-Urban Interlinkages. Raphael Karutz, Yuanzao Zhu, Christian Klassert, Anjuli Jain Figueroa; Ines Omann, Mikhail Smilovic, **Heinrich Zozmann**, Annegret Kindler, Sigrun Kabisch, Bernd Klauer. *Sustainable & Resilient Urban-Rural Partnerships – URP2020*, Leipzig, Germany, November 2020.

2019

Food-water-energy for Urban Sustainable Environments (FUSE): Integrated Analyses Focused on Pune, India and Amman, Jordan. Gorelick, S., Küblböck, K., Omann, I., Grohs, H., Klauer, B., Klassert, C., Kabisch, S., Kindler, A., Karutz, R., Zhu, Y., **Zozmann, H.**, Dib, J., Wada, Y., Burek, P., Kahil, T., Smilovic, M., Naylor, R., Figueroa, A., Khan, H., Lee, J., Y.. *American Geophysical Union Fall Meeting*, San Francisco, California, December 2019.