Training School on Integrative Urban Water Management and Nature-based Solutions for Sustainable Cities

The training school aims to bring together researchers and early career students for an introduction to urban water management and the use of nature-based solutions for sustainable cities. The goal will be to share multi-disciplinary perspectives and research on urban water management through classroom lectures, interactive group activities, practical exercises and field visits, to give a basic introduction on the diversity of the research on urban hydrological systems. Topics include nature-based solutions for urban cooling and wastewater treatment, urban flooding, ecohydrological processes in urban ecosystems, sampling techniques for urban water bodies, and sustainable urban development. The course is meant for early career students (MSc, PhD) that are interested in or working on urban hydrological systems, or sustainable urban water management and development. Join us to explore urban hydrological research from an interdisciplinary perspective and stimulate new research ideas and approaches for future research!

Course Information:

The training school will be held from 7-8 September 2026 at Carl-Friedrich Siemens Stiftung in Munich, Germany (https://maps.app.goo.gl/xcRrp5UBNyazW3Wb9)

Application:

Early-career researchers interested in joining the training school should send the following documents to urbanwatertrainingschool@gmail.com

- Motivation letter (max 1 page)
- CV (max 2 pages)
- Application Deadline 29 May 2026.

Limited travel support for EU (up to 250€) and non-EU students (up to 1200€) is available. Please provide evidence of lack of funding if applying for travel support.

Organising committee:

- Dr. Maria Magdalena Warter, IGB Berlin, Germany
  https://www.igb-berlin.de/profile/maria-magdalena-warter
- Dr. Andrea Reimuth, TUM Munich, Germany
  https://www.asg.ed.tum.de/sipeo/team/dr-rer-nat-andrea-reimuth/
- Dr. Bertil Nlend, University of Douala, Cameroon
  https://www.researchgate.net/profile/Bertil-Nlend-2
- Dr. Elena Cristiano, University of Cagliari, Italy
  https://web.unica.it/unica/page/it/elena_cristiano

Hosting Institution:

Dr. Andrea Reimuth, Chair of Data Science in Earth Observation, School of Engineering and Design, TU Munich, Germany

Preliminary Program:

Day 1
10:30 Welcome

Block 1: Urban Nature-based Solutions for Disaster Risk Management and Climate Resilience, Speakers: Dr. Elena Cristiano and Dr. Andrea Reimuth

Lunch Break

Block 2: Urban Ecology and Land Use Planning for Climate Adaptation, Speaker: Dr. Stephan Pauleit
https://www.professoren.tum.de/pauleit-stephan

Coffee Break

Block 3: Where do they end up? - The fate of micropollutants in the urban water cycle, Speaker: Dr. Felicia Linke
https://www.cee.ed.tum.de/sww/team/arbeitsgruppen-leiterinnen/dr-felicia-linke/

Day 2
Excursion – Urban Sewage Systems and Rainwater Treatment – the example of Munich

Block 4: Sampling Urban Ecosystems & Use of Data, Speakers: Dr. Christian Marx and Dr. Maria Magdalena Warter

Acknowledgements:
This training course was made possible through the generous support from the European Geosciences Union (EGU), Carl-Friedrich Siemens Stiftung, TU Munich and IAHS.