

14th WEIHENSTEPHAN FORUM



„SAVING THE WORLD – CULTIVATING THE CITY“

21st & 22nd October 2021 [Hybrid Event]

How Urban Agriculture contributes to a Sustainable Future

The industrialization of our global food system and increasing urbanization are exacerbating the effects of climate change, accelerating the loss of biodiversity and leading to an increasing decoupling between food production and consumption. In recent years, the associated socio-ecological challenges have led to a worldwide "renaissance" of various forms of urban agriculture and thus to the emergence of new multifunctional productive ecosystems in urban areas. The diverse forms and dimensions of urban agriculture, particularly in the Global North, are increasingly demonstrating the potential to reduce negative impacts along the food value chain and create environmental, economic, and social value. In the context of the 14th Weihenstephan Forum, the TUM Professorship of Urban Productive Ecosystems invites the interested public to a controversial exchange with representatives from science, business and civil society to discuss together the limits and possibilities of different forms of urban production from an ecological, social and economic point of view.

Registration & Participation

Due to the current Covid-19 related regulations, the event will take place hybrid, i.e., with a limited number of participants at TUM Campus Weihenstephan in Freising ([Konferenzsaal iGZW](#), 3G rules apply) and the possibility to participate via Zoom. Please note that registration for on-site participation is required by **October 18** in order to plan logistics and catering. All admitted registrants will receive detailed information and the access link for Zoom closer to the event. The event will be held **partly in German (GER)** and **partly in English (ENG)** without simultaneous translation, is **open to all** and is **free of charge**.

Registration for participation in presence or in digital form for both event days:
<https://wiki.tum.de/display/WeiFo21Reg/Registrierung++Weihenstephaner+Forum+2021>

If you have any questions, please contact [Prof. Dr. Monika Egerer](#) and [Stefanie Burger](#).

PRELIMINARY PROGRAM

Thursday, 21st October 2021 [DIGITAL]

- 17:00 - 17:20 Welcome & Introduction to the Program [ENG/GER]**
Prof. Dr. Monika Egerer (Professor for Urban Productive Ecosystems [UPE], TU Munich)
- 17:20 - 18:00 Urbane Landwirtschaft in Europa - Erfahrungen & Perspektiven [GER]**
Prof. Dr.-Ing. Frank Lohrberg (Landscape Architecture, RWTH Aachen)
- 18:00 - 18:40 Sustainable Food Production in the City?
TUM Campus as a Living Lab [ENG]**
Students of the TUM Campus Initiative „Plant A Seed“ (TU Munich)
- 18:40 - 19:00 Q&A and Setting the Scene: Pressing questions for Future? [ENG/GER]**
Prof. Dr. Monika Egerer (UPE TU Munich)

Friday, 22nd October 2021 [HYBRID]

- 10:00 - 10:25 Welcome & Introduction to the Program [ENG/GER]**
Prof. Dr. Monika Egerer (Professor for Urban Productive Ecosystems [UPE], TU Munich)
- 10:20 - 10:45 Impulse: Urban Agriculture - Challenges and Perspectives [tbc, ENG]**
Prof.dr.ir. JSC (Han) Wiskerke (Rural Sociology, Wageningen University & Research)

Topic I: Research, Technological Innovation, Start-up Ecosystems & Business Models

- 10:45 - 10:55 Introduction to the Topic Area [ENG/GER]**
Prof. Dr. Monika Egerer (UPE, TU Munich)
- 10:55 - 11:15 Infarming® - Motivationen und Innovationen für eine
Lebensmittelversorgung im urbanen Raum [GER]**
Dr.-Ing. Dennis Schlehuber (Fraunhofer-Institute UMSICHT for Environmental, Safety and Energy Technology)
- 11:15 - 11:35 Indoor Vertical Farming: Ein wichtiger Baustein für nachhaltige
Agrarsysteme der Zukunft? [GER]**
Prof. Dr. Heike Mempel (Faculty of Horticulture and Food Technology, Weihenstephan-Triesdorf University of Applied Sciences)
- 11:35 - 11:55 Urban Agriculture Start-ups: Overview of Trends, Potentials and
Challenges in the European Area [ENG]**
European Institute for Innovation and Technology [EIT] Food
- 11:55 - 12:25 Discussion with all Speakers of the Topic Area [ENG/GER]**
Prof. Dr. Monika Egerer (UPE, TU München)
- 12:25 - 13:25 Lunch Break**

Topic II: Cities as social-ecological systems, human-environment relations and urban development - What are levers for sustainability transformation?

13:25 - 13:35 Introduction to the Topic Area [ENG/GER]

Prof. Dr. Monika Egerer (UPE, TU Munich)

13:35 - 13:55 Knowing, Feeling, Acting Sustainably: Edible Cities and Lively Human-Environment Relationships [ENG]

Dr. Martina Artmann (Leibniz Institute of Ecological Urban and Regional Development e.V.)

13:55 - 14:15 Gemeinsam Stadt gestalten - Für Biodiversität und lokale Lebensmittel [GER]

Silvia Gonzalez (Urban Green Unit, Green City e.V., München)

14:15 - 14:35 Discussion with all speakers of the Topic Area [ENG/GER]

Prof. Dr. Monika Egerer (UPE, TU München)

14:40 - 15:10 Coffee Break / Digital Exchange

Topic III: Urban (Food) Forest Gardens - Types, Trends & Potentials

15:10 - 15:20 Introduction to the Topic Area [ENG/GER]

Prof. Dr. Monika Egerer (UPE, TU Munich)

15:20 - 15:40 Urban Forest Gardens - Multi-aged, multi-layered, multifunctional: the role of edible forests as elements of sustainable agricultural and food systems [ENG]

Dr. Jennifer Schulz (Project Manager, University of Potsdam)

15:40 - 16:00 Kleiner Wald - Große Vielfalt: Das Konzept Tiny Forest und seine Umsetzungspotenziale für Kommunen [GER]

Students of Forestry Science & Resource Management
Project Seminar „Tiny Forest“ (TU München)

16:00 - 16:20 Discussion with all speakers of the Topic Area [ENG/GER]

Prof. Dr. Monika Egerer (UPE, TU München)

16:20 - 16:50 Snack Break / Digital Exchange

Final Workshop & Way Forward

- 16:50 - 17:30 **Workshop for the synthesis of the contributions & discussions: "Urban Agriculture - Trend Phenomenon or Transformative Element for the Development of Resilient Food systems?" [ENG/GER]**
Prof. Dr. Monika Egerer (UPE, TU München)
- 17:30 - 18:30 **Get-together with Drinks**
- Ca. 19:00 **Dinner in Town** (Optional)



HOST

TUM Professorship for
Urban Productive Ecosystems



SUPPORTERS

Alumni-Club Landschaft TUM e.V.

Hans-Eisenmann Forum for
Agricultural Sciences (HEF),
World Agricultural Systems
Centre TUM