

**Dear students!**

**Welcome to take a part in the Lecture Series - Urban Resilience: Concepts and Challenges for Sustainable Planning Strategies**

*Teaching Cooperation organized by NETwork :*

- Karlsruhe Institute of Technology, Germany
- Ilia State University, School of Technology, Tbilisi, Georgia
- Taras Shevchenko University of Kyiv, Ukraine
- Odessa State Academy of Civil Engineering and Architecture, Ukraine
- National Aviation University, Kyiv, Ukraine
- Turku Institute for Advanced Studies
- RWTH Aachen University, Germany

Climate change, migration, limited natural resources and rising social inequalities are just some of the contemporary threats cities that are currently facing. To become resilient to disruptive events and crises, is a key task in urban planning. What challenges and approaches are there in urban planning to make cities robust and adaptable? With a series of lectures, the course reflects on various topics of urban resilience from an international perspective, such as climate protection and adaptation, governance issues and participation, the treatment of the cultural built heritage, social peace and much more. After succesful course you will receive the certificate of Karlsruhe Institute of Technology.



Bart Everson: Banks Street Kayakers-Mid-City New Orleans flooding, July 2019

**First Meeting: Mo, 23.10.2023, 16:00, online**

**Regular appointment: Wed. 16.00–17.30 and Fr, 11.40–13.00:**

25.10., 01.11., 03.11., 08.11., 10.11., 15.11. 17.11, 22.11., 24.11., 29.11., 01.12

zoom link: [https://kit-lecture-zoom-x.de/j/62448767120?pwd=Rnh0VUc2M3M1UzN6VjIDQVpHNWtOZz09](https://kit-lecture.zoom-x.de/j/62448767120?pwd=Rnh0VUc2M3M1UzN6VjIDQVpHNWtOZz09)

Meeting-ID: 624 4876 7120

Kenncode: 078493N@a

<b>Urban Resilience / Topics and Schedule</b>		
	<b>Block 1: Urban Resilience: Definition, Meaning and Methods</b>	
<p>Week 43 <b>23.10.2023</b> 16.00 – 17.20</p> <p><b>Wed. 25.10.23</b> 16.00 – 17.20</p>	<p><b>Lecture 1.</b> Introductory Lecture</p> <p><b>Lecture 2.</b> “Urban Transformation and Adaption of urban districts”</p>	<p><b>Barbara Engel, Prof. Dr.</b> Karlsruhe Institute of Technology, Germany</p> <p><b>Ia Kupatadze, Assoc. Prof.</b> Ilia State University, School of Technology, Tbilisi, Georgia,</p>
<p>Week 44 Wed. / Fr. <b>01.11.2023</b> 16.00 – 17.20</p> <p><b>3.11.2023</b> 11.40 – 13.00</p>	<p><b>Lecture 3.</b> “Understanding Urban Resilience in environmental and social aspects” (concept of sustainable development etc.)</p> <p><b>Lecture 4.</b> "Geoinformation Technologies in Sustainable Urban Development"</p>	<p><b>Dmytro Liashenko, Assoc. Prof. Dr.</b> Taras Shevchenko university of Kyiv, Ukraine</p> <p><b>Yuri Velikodsky, PhD,</b> National Aviation University, Kyiv, Ukraine</p> <p><b>Olena Boiko</b> National Aviation University, Kyiv, Ukraine</p>
<p>Week 45 Wed. / Fr. <b>8.11.2023</b> 16.00 – 17.20</p> <p><b>10.11.2023</b> 11.40 – 13.00</p>	<p><b>Lecture 5.</b> "Participatory, cultural and emotional mapping of urban landscapes as approaches to enhance urban resilience"</p> <p><b>Lecture 6.</b> "Space Imagery for Sustainable Urban Development and Territory Planning"</p>	<p><b>Oleksandra Nenko Dr. Sc.,</b> Turku Institute for Advanced Studies</p> <p><b>Yuri Velikodsky, PhD,</b> National Aviation University, Kyiv, Ukraine</p> <p><b>Olena Boiko</b> National Aviation University, Kyiv, Ukraine</p>
	<b>Block 2: Urban Resilience: Heritage and Environment</b>	
<p>Week 46 Wed. / Fr. <b>15.11.2023</b> 16.00 – 17.20</p>	<p><b>Lecture 7.</b> "Urban resilience and Cultural Heritage - Disaster Risk Management in Central Europe/ Germany"</p>	<p><b>Carola Neugebauer, Jun.-Prof. Dr.-Ing.</b> RWTH Aachen University, Germany</p>

<p><b>17.11.2023</b> 11.40 –13.00</p>	<p><b>Lecture 8.</b> "Cultural Ecosystem Services of Urban Ecosystems and Urban Resilience"</p>	<p><b>Oleksandra Nenko</b> <b>Dr. Sc.</b>, Turku Institute for Advanced Studies</p>
<p>Week 47 Wed. / Fr. <b>22.11.2023</b> 16.00 – 17.20</p> <p><b>24.11.2023</b> 11.40 –13.00</p>	<p><b>Lecture 9.</b> "Environmental Management and Sustainability"</p> <p><b>Lecture 10.</b> "Impact analysis of spatial planning projects, feasibility studies and decision making in urban planning"</p>	<p><b>Dmytro Liashenko,</b> <b>Assoc. Prof. Dr.</b> Taras Shevchenko university of Kyiv, Ukraine</p> <p><b>Gleb Vitkov,</b> co- founder, CEO PIF</p>
<p>Week 48 Wed. / Fr. <b>29.11.2023</b> 16.00 – 17.20 <b>01.12.2023</b> 11.40 –13.00</p>	<p><b>Lecture 11.</b> Perspectives and lessons learned</p> <p><b>Lecture 12.</b> "Cultural ecology: residential building heritage as a resource"</p>	<p><b>Barbara Engel,</b> <b>Prof. Dr.</b> Karlsruhe Institute of Technology, Germany</p> <p><b>Anastasia Malko</b> <b>Dr.</b> Karlsruhe Institute of Technology, Germany</p>
<p><b>8.12.2023 or</b> <b>15.12.2023</b></p>	<p><b><i>Discussion / Reflection / Exam</i></b></p>	