

## ADMISSION TO DOCTORAL STUDIES

Session September 2025

Field of doctoral studies: Civil Engineering and Building Services

Doctoral supervisor: Prof.Habil.dr.eng. Maftei Carmen

### TOPICS FOR THE ADMISSION TO DOCTORAL STUDIES

**TOPIC 1:** *EXPLORING THE ROLE OF SOLAR ENERGY IN URBAN REGENERATION PROJECTS: OPPORTUNITIES AND CHALLENGES IN ULAANBAATAR, MONGOLIA*

**Contents / Main aspects to be considered** - *The primary objective of this research is to analyze the integration of solar energy into urban regeneration projects in Ulaanbaatar, Mongolia, identifying actionable insights for policymakers and urban planners through comparative analysis.*

**Recommended bibliography:**

1. Renewable Energy Agency, *Renewable energy solutions for heating systems in Mongolia: Developing a strategic heating plan*. 2023. [Online]. Available: [www.irena.org](http://www.irena.org)
- 2 B. Chinbat and M. Muñoz Cabré, "Solar and wind power in Mongolia: 2024 policy overview," Oct. 2024. doi: 10.51414/sei2024.046

**Prerequisites / Remarks:** *to be adapted/ completed/ deleted*

☒ **Scientific Doctorate (full-time only)**

☐ **Professional Doctorate (full-time or part-time)**

☐ **without tuition fee (state budget funded)**

☐ **with tuition fee or with funding from other sources than the state budget**

Doctoral supervisor,

Prof.Habil.dr.eng. Maftei Carmen

Signature

Coordinator of the field of doctoral studies,

Prof.Habil.dr.eng. Maftei Carmen

Signature