

# PHD'S

## Earth Observation & Surveying

28 MAY 2026

Department of Geography



**Haoyu Wang**

Weak Information Extraction for Sparse Desert Forests Based on Remote Sensing Visual Foundation Model

MAY 2026

**Liancheng Zhang**

Impact of Snow Variations on Vegetation Gross Primary Production in the Arid Regions of Central Asia

APRIL 2026

**Lin Zhang**

Urban Road Network Morphology: A Measurement Framework and Its Implications for Transportation Carbon Mitigation

DECEMBER 2025

**Tianchen Zheng**

Landscape perception through the lens of language: Approaches and Applications

SEPTEMBER 2025

**Jiudan Zhang**

Spatiotemporal Refinement and Ecological Quality Assessment of Xinjiang Wetlands Based on Deep Learning

MAY 2025

**Hongjing Ren**

Quantifying the Contribution of Strong-Wind Events to the Migration of Barchan Dunes

MAY 2025

**Xiaoran Huang**

Impact of the climatic fluctuations on the habitat suitability of the *Cetartiodactyla* in the Kunlun-Pamir Plateau

JANUARY 2025

**Xiumei Ma**

Spectral data-driven modeling of geochemical elements applied to the Eastern Tianshan Cu-Ni mining area

JUNE 2024

**Ting Wang**

Research on Productivity Changes and Carbon Potential in Ili Valley's Mountain Forests

JUNE 2024

**Tao Yu**

Effect of Soil Moisture on Vegetation Gross Primary Productivity in Dryland Central Asia

JUNE 2024

**Shuangyan Huang**

Study of the Land-use and Land-cover change in the Aral Sea basin and its impacts on the Aral Sea shrinking

NOVEMBER 2023

**Songyao Huai**

Computational Application and Validation of Social Media Data in Landscape Planning and Urban Planning

JULY 2023

**Jiangyue Li**

Research on dryland ecosystem services in Central Asia under future SSPs-RCPs scenarios

JUNE 2023

**Wei Wang**

Sand and Dust Storms Identification and Risk Mapping in arid Central Asia

MAY 2023

**Yinyi Cheng**

Heavy metal pollution assessment using big data technology in mining areas in Xinjiang

MAY 2023

**Xiaohui Pan**

The response of groundwater levels to climate change and anthropogenic activities in arid regions: A case study in the Amu Darya Delta

APRIL 2023

## **Consult**

[UGent Academic Bibliography](#)

**for more information about these and older PhD's.**

**or contact the department via**

[geography@ugent.be](mailto:geography@ugent.be)