

PHD'S

Earth Observation & Surveying

24 DECEMBER 2025

Department of Geography

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