

# PHD'S

## Earth Observation & Surveying

12 FEBRUARY 2026

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

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