



KONNOV ANDREY

21 y.o.

CONTACT

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📍 Almaty, Kazakhstan

EDUCATION

Moscow State University, Kazakh Branch

(2022–2026)

Faculty of Geography, Department of Ecology and Environmental Management

Bachelor of Environmental Management and Ecology
GPA: 4.6/5

Academic Exchange Year

(2024–2025)

Lomonosov Moscow State University (Main Campus, Moscow)

EXPERIENCE

**Research Assistant,
Karkaraly National Park**

(Kazakhstan, 2025)

- UAV surveys & photogrammetry (orthophotos, DSMs, Metashape)
- Field & landscape assessment
- Geospatial data cleaning & georeferencing
- GIS database building
- Trail evaluation indicators (ecological & aesthetic)

ABOUT ME

Geographer with a strong background in GIS, remote sensing and fieldwork in rapidly growing cities and national parks. I'm interested in how spatial data, urban form and green/blue infrastructure can reshape post-industrial areas into more resilient and inclusive environments. Through RePIC, I aim to translate this experience into the context of post-industrial European cities, working in international teams on evidence-based strategies for interdisciplinary projects on urban transformation.

SKILLS

GIS & Spatial Analysis: ArcGIS Pro, QGIS, ArcMap; raster/vector workflows, DEM processing, land-cover mapping, basic network analysis.

Remote Sensing & Photogrammetry: Satellite imagery preprocessing & classification; UAV surveys; orthophoto and 3D model generation (Metashape).

Data & Tools: Google Earth Engine (basic scripting), Excel & data management workflows.

Graphics & Communication: Cartographic design, data visualisation, Adobe Photoshop.

AI for Geospatial Workflows: LLM-based automation of ArcGIS/QGIS tasks; AI-assisted documentation & pipeline design; scientific illustration via diffusion models.

Soft Skills: Fieldwork coordination, teamwork & leadership, public speaking, mentoring & evaluation of research projects.

ACADEMIC & SOCIAL AWARDS

- **Tuition Fee waiver - 17,000 EUR.** Top 1 out of 104 in the list of fee waiver receipts.
- **Winner, Lomonosov Conference 2024** - Section "Geoecological problems of regional and urban development in Kazakhstan", Moscow State University.
- **"Elbasy" Medal, 2022** - national youth award for academic achievement, leadership and volunteering (unique medal ID: 407).

LANGUAGES

English - C1 (IELTS 7.5)

Russian - C2 (native)

Kazakh - A2

Polish - A1

- Head of the Academic Department, University Student Council – Moscow State University, Kazakh Branch.
- Organizer, GeFest Festival of Geographic Team Intellectual Games (Kazakhstan).
- Author of two popular-science articles in the newspaper Geograph.

VOLUNTEERING AND INTERNATIONAL ACTIVITIES

- **Volunteer**, International Young Naturalists' Tournament (IYNT) 2023 - support for international Science Fights and teams (Almaty, Kazakhstan).
- **Independent Jury Member**, IYNT 2024 (Tbilisi, Georgia) and IYNT 2025 (Almaty, Kazakhstan) - evaluation of open-ended research problems and moderation of English-language scientific debates between teams.
- **Reporter**, ECTQG 2025 international conference (Tallinn, Estonia) - presented own social-geography research at section session at TalTech University.
- **Researcher**, MSU Scientific student Society expedition, 2025 - participated in a field study of the degree of provision of Grozny with green spaces, natural features and the transformation of the city.

PUBLICATIONS & CONFERENCE PRESENTATIONS

- **Lomonosov Conference, Moscow State University**

2024, **Winner**, section "Geoecological problems of regional and urban development in Kazakhstan" (talk on spatial comfort of sports activities in Astana).

Publication: Influence of spatial factors on the comfort of sports activities in Astana, Proceedings of Lomonosov Conference 2024.

2025, **Presenter**, section "Geoecological problems of regional and urban development in Kazakhstan"

Publication: Analysis of pedestrian flows on the campus of Moscow State University using radio spectrum monitoring, Proceedings of Lomonosov Conference 2025.

- **24th European Colloquium on Theoretical and Quantitative Geography (ECTQG 2025), Tallinn**

2025, **Presenter** ("Radio call signs of consumer electronics as a data source in human geography").

Publication: Radio call signs of consumer electronics as a data source in human geography, Book of Abstracts, 24th European Colloquium on Theoretical and Quantitative Geography.

- **5th International Geo-Urban Studies Conference – Presenter.**

Additional publications in conference proceedings

- Landscape features of the biochemical cycle in the ecosystems of the Waycarbon carbon polygon (Chechen Republic), Research of Young Geographers: Proceedings of Winter Student Expeditions.
- Green infrastructure of Grozny: past, present, expectations, Research of Young Geographers: Proceedings of Winter Student Expeditions.