

## Potential scientific supervisors: Earth & Environmental Sciences for Sustainability

No	Surname	Name	University	Scientific interests	Link to portfolio
1.	Talovskaya	Anna	National Research Tomsk Polytechnic University	Environmental geochemical monitoring in urban and mining areas. Ecogeochemistry and mineralogy of particulate matter based on the study of snow cover and road (street) dust. Geoindicators of atmospheric air changes under the impact of anthropogenic factors.	<a href="https://tpu.ru/university/documents/Таловская%20А.В.%20(АЯ).pdf">https://tpu.ru/university/documents/Таловская%20А.В.%20(АЯ).pdf</a>
2.	Rudmin	Maxim	National Research Tomsk Polytechnic University	Scientific interests are as follows: ore deposits, ooidal ironstones, clay minerals, sedimentary basins, glauconite, mineral fertilizers, controlled release fertilizers.	<a href="https://tpu.ru/upload/medialibrary/c1f/whuhne6ntqqcb4r73gm0556bp2g4d3qm/Rudmin-AYA.pdf">https://tpu.ru/upload/medialibrary/c1f/whuhne6ntqqcb4r73gm0556bp2g4d3qm/Rudmin-AYA.pdf</a>
3.	Kuznetsov	Andrey	Southern Federal University	Assessment of self-cleansing capacity of aquatic environments; analysis of pollutants' accumulation in marine, coastal and fluvial sediments; modelling environmental processes using statistical methods and GIS technologies.	<a href="https://sfedu.ru/files/upload/per/6109/CV%20Kuznetsov%20Eng%202024.pdf">https://sfedu.ru/files/upload/per/6109/CV%20Kuznetsov%20Eng%202024.pdf</a>
4.	Uspenskaya	Mayya	Peter the Great St. Petersburg Polytechnic University	Polymers, ecology, waste recycling, sensor systems, environmental monitoring, eco-friendly materials.	<a href="https://opendoors.spbstu.ru/files/supervisors_portfolio/uspenskaya.pdf">https://opendoors.spbstu.ru/files/supervisors_portfolio/uspenskaya.pdf</a>
5.	Pudovik	Elena	Kazan (Volga region) Federal University	Socio-economic mapping, geoinformatics, spatial analysis, economic demography, thematic mapping, GIS analysis, population settlement.	<a href="https://kpfu.ru/portal/docs/F307705125/Pudovik.ang.docx">https://kpfu.ru/portal/docs/F307705125/Pudovik.ang.docx</a>
6.	Prokhorov	Vadim	Kazan (Volga region) Federal University	Ecology, plant geography, climate change.	<a href="https://kpfu.ru/portal/docs/F_127587397/Prokhorov.ang.docx">https://kpfu.ru/portal/docs/F_127587397/Prokhorov.ang.docx</a>
7.	Zenkov	Igor	Siberian Federal University	Open-pit mining, remote sensing of the Earth from space, mining industry, mining machines and complexes.	<a href="https://www.sfu-kras.ru/files/ENG_Zenkov.pdf">https://www.sfu-kras.ru/files/ENG_Zenkov.pdf</a>
8.	Sergienko	Olga	ITMO University	1. Implementation of the principles of the best available techniques and cleaner production. 2. Life cycle assessment of new materials, products, and services. 3. Environmental, social and economic aspects of the	<a href="https://aspirantura.itmo.ru/?main=43">https://aspirantura.itmo.ru/?main=43</a>

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				life cycle of alternative energy technologies and environmental protection technique.	
9.	Silantiev	Vladimir	Kazan (Volga region) Federal University	Geochronology of Permian-Triassic Boundary. Upper Palaeozoic non-marine bivalves: paleontology and biostratigraphy. Geological Heritage.	<a href="https://kpfu.ru/portal/docs/F1475484767/Silantev_VV.portfolio.ang.docx">https://kpfu.ru/portal/docs/F1475484767/Silantev_VV.portfolio.ang.docx</a>
10.	Varfolomeev	Mikhail	Kazan (Volga region) Federal University	Petroleum engineering, enhanced oil recovery methods, in situ combustion, reservoir fluid thermodynamics, gas hydrates, heavy oil upgrading, oilfield chemistry, intermolecular interactions.	<a href="https://kpfu.ru/portal/docs/F_1883309041/portfolio.ang.pdf">https://kpfu.ru/portal/docs/F_1883309041/portfolio.ang.pdf</a>