



### Science

Smart technologies to monitor and assess urban soils and green infrastructure



### Nature

Anthropogenic versus natural soil landscapes from Subarctic to Mediterranean climatic zones



### Education

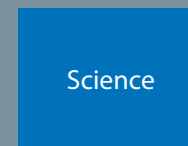
Lectures and trainings by the top world experts in urban ecology, soil science, landscape design and planning



### Culture

Crossing European Russia from the Arctic Ocean to the Black Sea: studying and sightseeing, food and rest

Monitoring, Modeling, Managing Urban Green Infrastructure and Soils (3MUGIS) is an annual event organized by RUDN University (Russia) and the Urban Soil Institute (USA) under the umbrella of the International Union of Soil Science and TAURUS Project with a strong cooperation from universities, institutions and research teams from around the world



The registration is open at <http://3mugis.org/>

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## 3MUGIS SUMMER SCHOOL

“ANTHROPOGENIC AND NATURAL SOIL LANDSCAPES IN EUROPEAN RUSSIA: FROM SEA TO SEA”

July 6 – July 26 2020

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# WHAT IS 3MUGIS?

The 3MUGIS summer school is an annual event, which addresses relevant contemporary environmental consequences and opportunities of urbanization with special emphasis on soil functions.

The 3MUGIS summer school provides students with first hand field experience examining anthropogenic impact sequences across conventional soil forming factors from Sub-arctic to Subtropics climates.

„These were the most intensive and interesting 3 weeks of my life“

Semra, Berlin

„...I'm impressed with a magnificent natural geological museum which Kursk Magnetic Anomaly is“

Malek, New York



## 3MUGIS-2020 in brief

- ✔ 5 days of intensive lectures, seminars and practical exercises in RUDN University in Moscow
- ✔ 16-days field tour from Teriberka (69N; 35E) to Abrau-Durso (44N; 37E)
- ✔ 6 bioclimatic zones from Tundra to Subtropics
- ✔ 4 natural reserves
- ✔ Teriberka - a village on the shore of the Arctic Ocean
- ✔ Typical Chernozems – the most fertile soils in the world



- ✔ Kursk Magnetic Anomaly – the largest world ore mining area
- ✔ Starocherkask – a historical area of kozak's culture
- ✔ Advance techniques of on-site express monitoring (XRF, IRGA, EC)
- ✔ Hiking, banya and local food

## CONDITIONS

3MUGIS-2020 summer school will host international groups up to 35 participants. 3MUGIS-2020 participants will receive 3 ECTS, recognized by educational programs worldwide.

Participation fees will cover accommodation, two meals per day, travelling inside Russia and all materials necessary for courses. The participation fee is anticipated to be 1,800 euro.

All of the foreign participants will also receive visa support and any other assistance with organization of their trip to Moscow.