



INTERNSHIP PROGRAMME

Code: (Partner Acronym) XXXXXX_001-01¹

Title	Integrated monitoring urban ecosystems
Initial date (2019)	May 15
End date (2019)	October 1
Number of positions (max)	3
Required knowledges and skills	Basic knowledge in soil science, ecology and dendrology will be needed. Skills in statistics and GIS will be highly appreciated
Academic coordinator	Dr. Viacheslav Vasenev
Objectives	The internship is focused on conventional and novel methods of environmental monitoring in urban areas.
Short course modules²	Introduction to urban ecology Introduction to data analysis and GIS
Internship activities	Urban environment is highly heterogeneous and dynamic. Air, water, vegetation and soils in cities are exposed to permanent anthropogenic pressure, which decreases ecosystem services and negatively affects the quality of life. Environmental monitoring aims to analyze and control the state of urban ecosystem components to prevent damages and support decision making in environmental management and protection. The internship activities will include monitoring green house gases' emissions, chemical, physical and biological properties of urban soils, state and functions of urban vegetation. Especial attention will be given cost-effective express and proximal methods including remote sensing and high-frequency monitoring
Hosting institution	Institute of Natural Sciences, Russian Academy of Sciences.
	Laboratory of C and N cycles in soil
	Prof. Nadezhda Ananyeva (the head of the laboratory)
	http://www.issp.psn.ru/
Academic tutor	Mario De Martino (de-martino-m@rudn.ru)

¹ The short course modules can be common to different internship programmes

² The first order number identifies the internship programme the second order number the programme in a specific hosting institution



	Sophia Demina (sophiya.alfredovna@gmail.com)
Hosting institution tutor	Dr Kristina Ivashchenko (ivashchenko.kv@gmail.com)
Additional notes	The internship duration is 30 days. Accommodation at the RUDN University campus can be provided for approximately 200 euro for the whole period of stay. Please consider applying for a visa in advance