



## LEARNING AND STUDENTS

### Study programs

INRTU also provides [educational programs](#) about terrestrial ecosystems, [ecology](#), and recourse management that are accessible to local and national communities. These educational programs are offered on the basis of the Department of Mineral Processing and Environmental Protection named after S.B. Leonov, as well as the Department of Industrial Ecology and Life Safety.



### International work

The university has a practice of exchanging experience gained during internships and extra-university programs, in particular, in the implementation of green technologies, energy saving, conservation of fish fauna and other environmental issues, and lectures on sustainable landscape design.



**2 publications on SDG 15  
in Scopus in 2023**

## RESEARCH

### Technosphere Safety in Research

Annually, INRTU [holds](#) The XIII All-Russian Scientific and Practical Conference 'Technosphere Safety in the XXI Century' to improve the level of training of master's and postgraduate students. Master's students, postgraduates and young scientists discussed issues of environmental safety, prevention and elimination of emergencies.



### Prize-winning graduations works in the field of environmental safety management

INRTU students actively participate in research dedicated to environmental safety on land. In 2023, graduates of the School of Subsurface Resource Management [became prize-winners](#) of the All-Russian competition of diploma projects in the field of geology and mining. Every year the best diploma projects are determined in St. Petersburg Mining University. Three students from INRTU became prize-winners.

## PUBLIC ENGAGEMENT

### Ecological cooperation

INRTU [actively cooperates](#) and collaborates with local communities in the region of its presence to intensify activities to maintain shared land ecosystems. Collaboration takes place both at the managerial state level and at the social municipal level (through educational activities in schools and scientific communities). The university is especially proud of joint environmental projects with regional and federal businesses, such as the large energy business En+ Group, gold mining company Polyus, and other companies in the food and mining industry, contributing to the preservation of shared local natural lands and ecosystems.



### Eco-Tourism

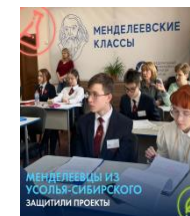
INRTU conducts awareness-raising activities in the field of sustainable land management for tourism. Students are involved in [activities to develop and promote eco-tourism](#) in the region, and develop eco-trails projects. The University works to attract schoolchildren to the issues of sustainable and rational use of land. Teachers and students of architectural specialties develop projects of SMART cities and GREEN territories, presented publicly to search for investments.



### Mendeleev Expedition and Classes

INRTU takes part in Mendeleev Classes. It is a joint project of D.I. Mendeleev Russian Chemical University, Federal Environmental Operator (Rosatom State Corporation) and partner universities of the Advanced EcoTechnologies consortium. The main goal of the program is to form a talent pool for work in the chemical industry and environmental protection.

Students of the Department of Industrial Ecology and Life Safety act as mentors of the school projects by students from lyceum No. 1 of Ussolye-Sibirskoe. Five environmental initiatives were successfully defended at the regional stage.



## OPERATIONS

The university has a policy prescribing the sorting and disposal of waste, as well as the use of secondary (recycled) raw materials, such as paper, packaging, etc. (paragraph II.1.2 of the Policy). For these purposes, containers for separate waste collection were installed. INRTU disposes of waste from the campus in accordance with the legislation; relevant agreements have been concluded. The University supports student volunteering and activities [aimed at collecting waste](#) that requires a special recycling process, for example, batteries, as well as collecting those waste that could be recycled (paper, plastic).

**The "ECODVOR" event  
collected about 60 kg of waste:**

- waste paper (32.8 kg)
- glass (2.4 kg)
- metal (0.5 kg)
- plastic (18 kg)
- batteries (8.3 kg)

### Nature protection

Students, teachers and experts of the Commission on Ecology and Forest Protection of INRTU participate in the work on the formation of proposals to the current laws related to the protection of local endangered, threatened, and protected (ETP) species, and evaluate the proposed projects and initiatives. In addition, the university supports its students' projects to create ecological trails around Lake Baikal, which are aimed at preserving local biodiversity, ETP species, and generally reducing the pressures of tourism on local ecosystems.