



## LEARNING AND STUDENTS

### Educational opportunities

INRTU provides educational opportunities in various specialties. There are many [schools](#) and departments at the university. The University implements [educational programs](#), many of which pursue the goal of sustainable development as their global aim. Applicants are also offered bachelor's degree courses in «Water supply and drainage», specialist's degree programs in «Applied Geology», [master's degree program](#) in Innovative Technologies in Water Supply and Drainage, postgraduate courses in the field of Water supply, sewerage, construction systems for water protection etc. There are both paid and free places for these programs.



## RESEARCH

### Scientific School

Irkutsk National Research Technical University has launched [the scientific school Chemistry of the Future](#) within the framework of the annual iPolytech scientific and practical conference.



Important topics such as new chemistry formats and platform solutions, green chemistry, building the chemistry culture of the future and creating new educational programs were covered in the proceedings of the school.

### 16 publications on SDG 6 in Scopus in 2022

## PUBLIC ENGAGEMENT

INRTU organizes [different events](#): marathons, competitions, quests, master-classes with the participation of INRTU students and staff, students of Russian universities, aimed at the conscious consumption of water resources.



Representatives of international and regional organizations implementing water resources management projects participate annually in thematic forums and scientific conferences. The involvement of each of the parties is aimed at increasing the awareness on the issue of water management among different groups of people.

Involving post-graduate, master and undergraduate students, schoolchildren in environmental activities, INRTU makes grounds for responsible consumption of water resources and the protection of water resources, their rational use.



### Mendeleev Class

With the support of the Federal Environmental Operator, [the Mendeleev Ecological Expedition program](#) is also being implemented, which is attended by schoolchildren and students from all over the country.

They present the best scientific works in the field of ecology for protection. This contributes to the popularization of environmental thinking among young people and the formation of research experience.

Last year the expedition took place on Lake Baikal, this year in the Leningrad region.



## OPERATIONS

### Water Treatment and Supply System

INRTU uses [indirectly sustainable water technologies](#). This is done through an [urban company MUE "Vodokanal"](#) that is responsible for water quality.

## Fresh Water at the University

[Drinking fountains](#) installed in several campus buildings. Fountains receive clean water from the central water supply system. This water passes through three filtration systems, and after drainage it enters directly into the sewer, so there is no circulation in the fountains. The water in them is disinfected, without chlorine impurities and fully meets all sanitary-epidemiological requirements. Filter cartridges are replaced based on water consumption. In 2022, two facilities at the university were additionally equipped with drinking fountains.



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Volume of water used in the university:  
Inbound (treated/extracted water) - 168 255m<sup>3</sup>

Campus population - 15 701