



Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification

LEARNING AND STUDENTS

Study opportunities

INRTU provides educational programs in the field of sustainable management of land for agriculture and tourism. The programs are available free of charge for a group of students who have successfully passed the entrance tests.

Study programs

INRTU also provides educational programs about terrestrial ecosystems 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.



RESEARCH

Innovative technologies

The university staff conducts scientific research in the development and application of phytotechnologies. An innovative solution to the problem of antibiotic contamination of soil and water was proposed by INRTU scientists in 2022. The research team led by the head of the Department of Industrial Ecology and Life Safety of INRTU, Doctor of Technical Sciences, Academician of the Russian Academy of Natural Sciences Svetlana Timofeeva conducted a research work, thanks to which it is possible to take a serious step in solving an urgent global problem - pollution with antibiotics of the environment.



Safe disposal

INRTU in cooperation with «Hydrotechnologies of Siberia» LLC conducts experiments aiming at the ecological utilization of drilling fluids. All experiments are conducted on Industrial Ecology Research Center, which was founded in October 2022.

PUBLIC ENGAGEMENT

Eco-championships

INRTU holds an annual ecology case-championship among schoolchildren. The university engages them in solving ecological problems of lake Baikal and options for its preservation.

The aim of the project is to make an effective volunteer community of children, schoolchildren and students who are ready to translate "green" technologies to others and to create new initiatives.



Volunteering

INRTU students are working on environmental protection as part of an environmental hackathon, which includes the development of new solutions to reduce the environmental impact of industry and implementable projects to preserve the biodiversity of flora and fauna. There is also a Volunteer Movement at the university, whose participants organize actions to collect waste paper and batteries and take care of the abandoned animal nursery. Thirdly, staff and students organize and participate in actions for the greening of the city and surrounding areas.



OPERATIONS

Waste sorting

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.



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 ETP species, and evaluate the proposed projects and initiatives.

