



# TIAME

NATIONAL RESEARCH UNIVERSITY



[www.tiame.uz](http://www.tiame.uz)

# EDUCATION PROGRAMS

## HYDROMELIORATION FACULTY

### Bachelor

- Water management and reclamation;
- Remedial hydrogeology;
- Innovative technologies and their use in water management;
- Hydrology;
- Materials science and technology of new materials;
- Professional education: Water management and reclamation;
- Mechanization of water management and reclamation works;
- Labor protection and technical safety.

### Master's

- Melioration and irrigated agriculture;
- Use of hydromelioration systems;
- Water-saving irrigation technologies;
- Labor protection, safety of production and technological processes (in agriculture and water management);
- Hydraulics and engineering hydrology;
- Aerospace technologies and sustainable development (in agriculture and water management);
- Mechanization of hydromelioration works.

## HYDROTHECHNICAL CONSTRUCTION FACULTY

### Bachelor

- Hydrotechnical construction (in water industry);
- Use of hydraulic facilities and pumping stations;
- Hydropower (hydropower facilities in irrigation systems);
- Mechanics and mathematical modeling.

### Master's

- Use of hydraulic facilities, their reliability and safety;
- Operation and diagnosis of pumping stations and devices;
- HE construction and their use;
- Engineering graphics and design theory;
- Hydrotechnical facilities (in water industry);
- Organization and technology of construction of hydraulic facilities.

## FACULTY OF ECOLOGY AND LAW

### Bachelor

- Jurisprudence (transboundary water relations);
- Philology and language teaching (by languages);
- Jurisprudence (land relations);
- Water supply and engineering systems;
- Ecology and environmental protection.

### Master's

- Perfect use and management of water resources;
- Environmental protection (geoinformation systems);
- Environmental protection (by sectors);
- Waste management.

## FACULTY OF LAND RESOURCES AND CADASTRE

### Bachelor

- Professional education (Land cadastre and land surveying);
- Geodesy and geoinformatics;
- Innovative technologies in remote sensing of the Earth;
- Cadastre (by type of activity);
- Land cadastre and land composition products (by types of products).

### Master's

- Usage and management of land resources;
- Geodesy and geoinformatics.

## FACULTY OF ENERGY

### Bachelor

- Electric power;
- Management of production and automation of technological processes;
- Technical examination and marketing of equipment and technologies (electrical and electronic equipment);
- Energy supply in agriculture and water management;
- Information systems and technologies;
- Alternative energy sources;
- Mechatronics and robotics.

### Master's

- Mini and micro hydroelectric plants;
- Electrical supply (in water industry);
- Hydropower;
- Energy saving and energy audit (by networks);
- Alternative energy sources (by types);
- Technological processes and production automation (in water industry);
- Energy supply in agriculture and water management;
- Smart (intelligent) measuring systems and devices in water management.



## MECHANIZATION OF AGRICULTURE FACULTY

### Bachelor

- Metrology, standardization and product quality management (by sectors); Mechanization of agriculture;
- Technical service in agriculture and water management;
- Application of innovative techniques and technologies in agriculture;
- Technology of storage and initial processing of agricultural products (by types of products).

### Master's

- Mechanization of Agriculture (by sectors)

## FACULTY OF ECONOMY

### Bachelor

- Economy (by branches and sectors);
- Tourism (by activity);
- Organization and management of water management;
- Accounting and auditing (by industries and sectors);
- Statistics (by industries and sectors)
- Accounting and auditing;
- Artificial intelligence;
- Information systems and technologies (by networks and sectors).

### Master's

- Bioeconomy;
- Accounting (by industries and sectors);
- Management (in water management);
- Organization and management of water management;
- Marketing (in water industry);
- Tourism (by type of activity).

**TIAME**  
National Research  
University

MAIN TASHKENT  
CAMPUS - 7 FACULTETS

BUKHARA INSTITUTE OF  
NATURAL RESOURCES  
MANAGEMENT

KARSHI INSTITUTE OF  
IRRIGATION AND  
AGROTECHNOLOGIES

FUNDAMENTAL AND  
APPLIED RESEARCH  
INSTITUTE

"TIAME" NRU BRANCH  
IN KAZAKHSTAN

ACADEMIC LYCEUM  
"INTERNATIONAL HOUSE  
TASHKENT"

SPECIAL SCHOOL OF  
EXACT SCIENCES

PAKTA ABAD  
AGRICULTURAL  
COLLEGE

BESHKENT  
AGRICULTURAL  
COLLEGE









# MISSION AND STRATEGIC GOALS

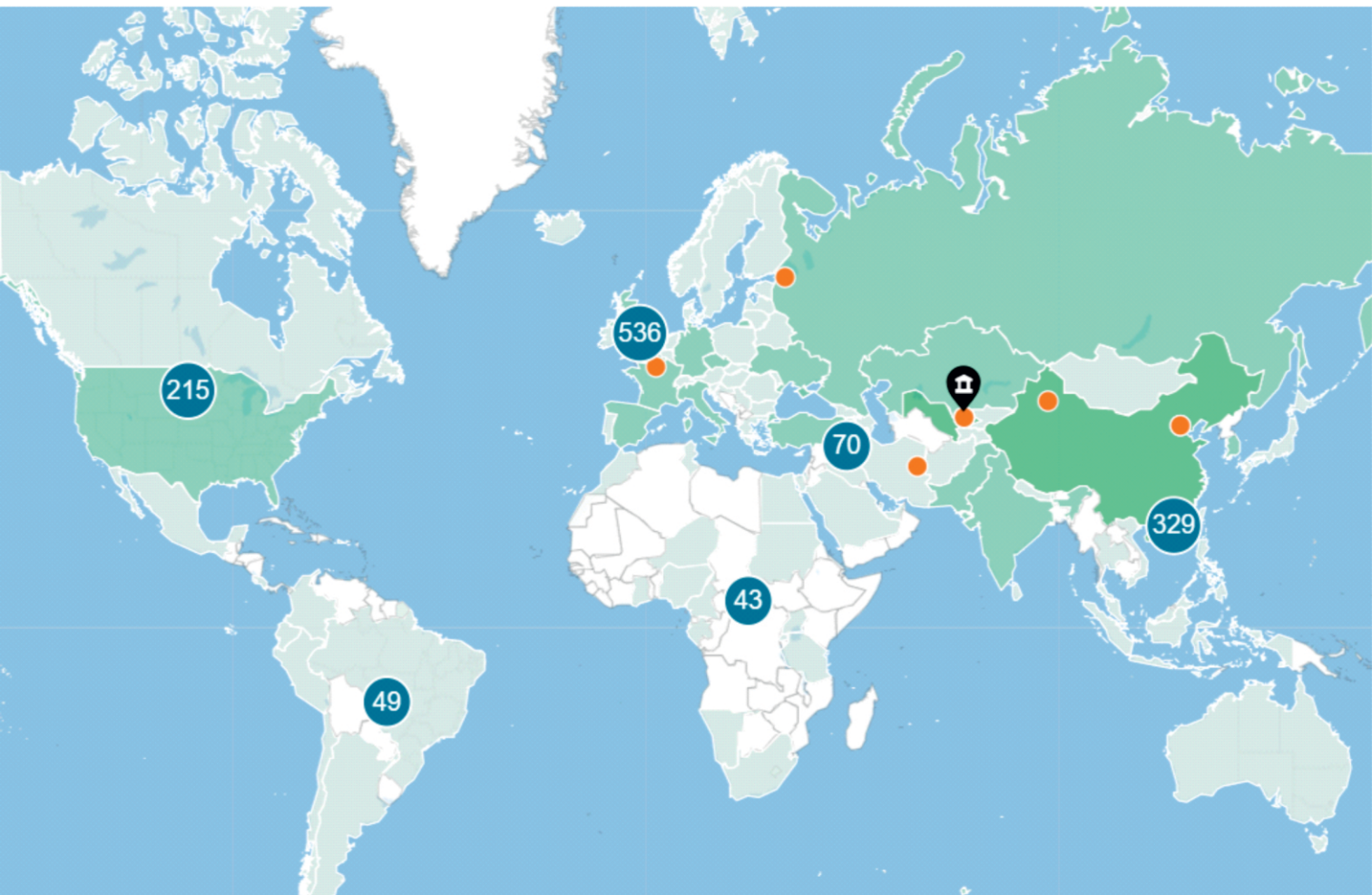
The "TIAME" National Research University's mission is to create, improve, disseminate, and implement knowledge to develop advanced scientific and technical potential, provide the economy with highly qualified personnel and researchers, and strengthen the Central Asian image based on integrating science, education, and innovation.

The "TIAME" National Research University's strategic goal is to form a cluster of advanced scientific, educational, and innovative technologies integrated into the digital economy. Its core is the National Research University, among the world-class research and intellectual centers.

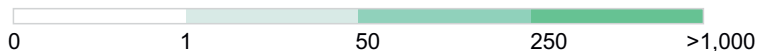
The "TIAME" National Research University's long-term vision is to become a world-class national research university with a high academic reputation and leading positions in international rankings, the main



# COOPERATION OF THE "TIAME" NRU WORLDWIDE



Co-authored publications per country/region:



# collaborating Institutions

● Top 10 Institution worldwide by co-authored publications

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