

# Фаолияти

## ХАЛҚАРО ҲАМКОРЛИК БЎЛИМИ

Халқаро ҳамкорлик бўлими институт фаолиятида муҳим аҳамият касб этувчи асосий бўлимлардан бири бўлиб, ТИҚХММИ номидан унинг равнақи, миссияси ва асосий мақсадлари йўлида барча йўналишларда хорижий мамлакатлардаги ва Ўзбекистонда жойлашган хорижий мамлакатларнинг турли ташкилотлари билан ҳамкорликда амалга ошириладиган фаолиятларни ташкиллаштиради ва мувофиқлаштиради. Халқаро ҳамкорлик фаолияти кенг қамровли бўлиб ўз ичига стратегик ва жорий тезкор тадбирлар мажмуасини қамраб олган ҳолда институтни етакчи хориж университетлари ва ташкилотлари билан боғлаб берувчи расмий бўғин ҳисобланади. Хорижий олий таълим ва илмий муассасалар, турли бизнес соҳалари ташкилотлари билан ўзаро манфаатли ҳамкорлик йўналишларини аниқлаш, таълим ва илмий дастурларни ривожлантириш, талабалар ва профессор ўқитувчилар жамоасини интернационаллаштириш, талабалар алмашинуви, қўшма таълим ва илмий дастурлар ва лойihalарни ташкил этиш, профессор ўқитувчиларни малакасини ошириш ва стажировкасини ташкил этиш, илғор хорижий муассаларнинг етук мутахассисларини институтнинг ўқув ва илмий жараёнига жалб этиш, институтнинг моддий техника ва ўқув-илмий лаборатория базасини модернизация қилишни ташкил этиш, институтдаги мавжуд ўқув ва илмий-техник салоҳиятни янада ривожлантиришга шароитлар яратиш каби йўналишлар халқаро ҳамкорлик бўлимининг асосий вазифалари доирасига киради. Халқаро ҳамкорлик бўлимига ҳозирда д-р Ш.Рахмонов бошчилик қилади. Бўлим ўз фаолиятини халқаро ҳамкорлик бўйича проректор раҳбарлигида олиб боради.

### MISSION AND STRATEGIC GOALS

The "TIAME" NRU'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" NRU's strategic goals 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" NRU'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 characteristics of which are listed below:

- Advanced Research
- High Quality Education
- Innovative Ecosystem
- Expert Personnel

### COOPERATION OF THE "TIAME" NRU WORLDWIDE

Co-authored publications per country/region: 0, 1, 50, 250, >1,000

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TIAME NATIONAL RESEARCH UNIVERSITY

### DEGREE PROGRAMS

- HYDROMELIORATION FACULTY**
  - Bachelor level:
    - Water Sector and Land Reclamation (Hydrological, Hydrological and Hydrological Sector Options)
    - Hydrological and Hydrological (Water Resource Sector Option)
    - Professional Education (Water Sector Option)
    - Life and Occupational Safety.
  - Master level:
    - Applied Agriculture and Land Reclamation (Water-Saving Irrigation Technologies, Water Resource Planning and Management, Hydraulics and Engineering Hydrological Assessment Technologies and Sustainable Development (Hydrological and Water Sector Option)
- HYDROTECHNICAL CONSTRUCTION FACULTY**
  - Bachelor level:
    - Hydrotechnical Construction (Water Sector Option)
    - Operation and Maintenance Of Hydraulic Facilities and Pumping Stations (Water Sector Option)
    - Hydrological Facilities in Irrigation Systems (Water Sector Option)
    - Mechanics and Mathematical Modeling (Water Sector Option)
  - Master level:
    - Reliability, Safety, Operation, and Maintenance of Hydraulic Facilities, Operation and Design of Pumping Stations and Dams (Water Sector Option)
    - Engineering Operation and Design Theory; Hydrotechnical Construction (Water Sector Option)
    - Organization and Technology of Construction of Hydraulic Facilities (Water Sector Option)
- FACULTY OF LAND RESOURCES AND CADASTER**
  - Bachelor level:
    - Professional Education (Land Cadaster Sector Option)
    - Land Management (Water Sector Option)
    - Geology and Geomatics (Water Sector Option)
    - Remote Sensing of the Earth (Water Sector Option)
    - Cartography (Water Sector Option)
    - Land Resource Management and Cadastre (Water Sector Option)
  - Master level:
    - Land Resource Management; Geology and Geomatics.
- AGRICULTURAL MECHANIZATION FACULTY**
  - Bachelor level:
    - Machinery, Standardization and Product Quality (Water Sector Option)
    - Agro-Engineering (Water Sector Option)
    - Technical Service (Agriculture and Water Sector Option)
    - Technology of Innovative Techniques and Technologies in Agriculture; Technology of Primary Processing and Storage of Agricultural Products (Vegetables and Fruits Option)
  - Master level:
    - Agricultural Mechanization.
- FACULTY OF ENERGY**
  - Bachelor level:
    - Electric Power Industry (By Sectors and Divisions); Management of Production and Automation of Technological Processes; Technical Operation and Marketing of Equipment and Technologies (Electrical and Electronic Equipment); Energy Safety (Agriculture and Water Sector Option); Alternative Energy Sources; Alternative Energy Storage; Materials Science and Heat Materials Technologies (Semiconductors and Laser Technologies Option)
  - Master level:
    - Mini and Micro Hydroelectric Power Plants; Electrical Energy (Water Sector Option); Hydrogen; Energy Conservation and Energy Audit (Water Sector Option); Alternative Energy Sources (Renewable Energy Sources); Automation of Technological Processes and Production (Water Sector Option); Energy Safety (Agriculture and Water Sector Option); Smart Manufacturing Systems and Devices (Water Sector Option).
- FACULTY OF ECONOMICS**
  - Bachelor level:
    - Economics (Water Sector Option); Tourism; Accounting and Audit (Water Sector Option); Statistics (Water Sector Option); Artificial Intelligence; Information Systems and Technologies.
  - Master level:
    - Economics; Accounting (Water Sector Option); Management (Water Sector Option); Marketing (Water Sector Option); Statistics; Economics (Water Sector Option).

### HISTORY OF FORMATION AND DEVELOPMENT

IN UZBEKISTAN	IN ASIA	IN THE WORLD
1 National Academy of Sciences of the Republic of Uzbekistan	246	3514
1 Uzbek State University of World Languages	311	4574
1 Institute of Mathematics and Mechanics of the National Academy of Sciences of the Republic of Uzbekistan	9	8014
7 National Academy of Sciences of the Republic of Uzbekistan	4	10017
		603

The "Tashkent Institute of Irrigation and Agricultural Mechanization Engineers" National Research University ("TIAME" NRU) is a first-class regionally recognized academic and research university known for its top programs in engineering, irrigation, water resources, environment, electrification and automation, agricultural mechanization, land management and agricultural economics management & marketing with an almost 100-year traditions.

1923: Engineering meliorative faculty within the Tashkent State University

1934: Tashkent Institute of Irrigation and Melioration

2004: Transformation in TIAME. Development of the institute, based on international standards

2017: New Status "Tashkent Institute of Irrigation and Agricultural Mechanization Engineers" National Research University

2021: New Status "Tashkent Institute of Irrigation and Agricultural Mechanization Engineers" National Research University

Бугунги кунда ТИҚХММИда хорижий ҳамкорлар билан тузилган ва айти пайтда амалда бўлган жами 87 та шартнома ва меморандумлар мавжуд бўлиб, улар Европанинг етакчи мамлакатлари, АҚШ, Россия, Осиёнинг ривожланган давлатлари ва Марказий Осиё мамлакатларидаги илғор муассасалар билан тузилган. Ҳозирда ТИҚХММИда умумий қиймати 1 млрд АҚШ доллари ва 700 млн

Еврога яқин бўлган жами 23 та халқаро лойиҳалар амалга оширилмоқда. ТИҚХММИда 4 та мутахассислик бўйича икки томонлама диплом берувчи халқаро қўшма магистратура ва халқаро қўшма докторантура фаолият кўрсатмоқда. Шунингдек, ҳар йили хорижнинг етакчи университетларидан 30 нафардан ортиқ профессорлари институт ўқув ва илмий жараёнига жалб этилган. Институтда Хитой, Қирғизистон, Туркменистон, Тожикистон, Қозоғистон, Россия, Германия, Колумбия, Афғонистон Жанубий Корея каби мамлакатлардан талабалар таҳсил олмоқдалар. Ҳар йили институтнинг 100 нафардан ортиқ профессор ўқитувчи ва талабалар ривожланган мамлакатларнинг университет ва ташкилотларига малака ошириш ҳамда стажировка ўтаб келишлари ташкил этилмоқда.