The University of World Economy and Diplomacy

UWED SDG 6 REPORT

Clean Water and Sanitation

2025

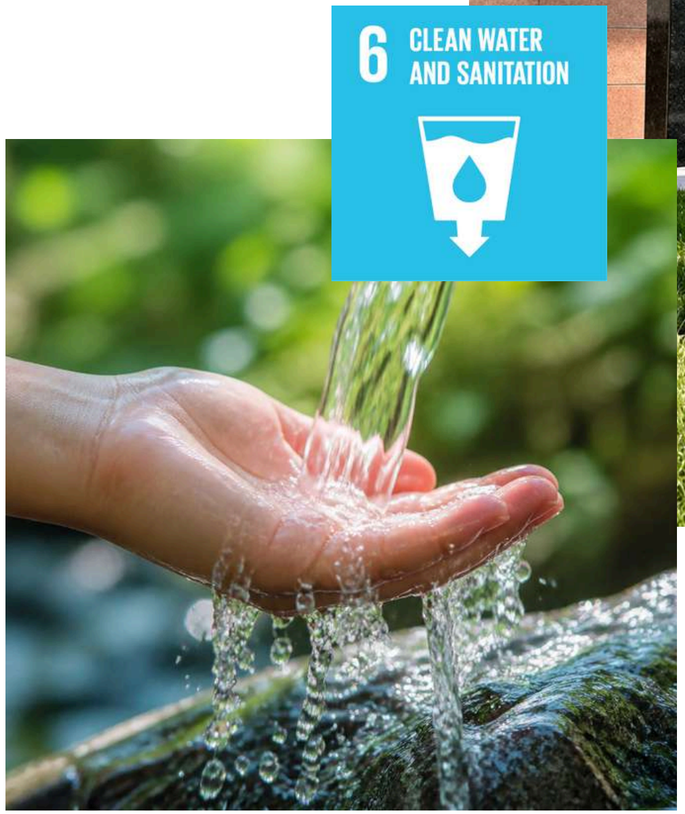
Advancing sustainable water management through education, research, partnership and responsible campus practices.

RESEARCH AND KNOWLEDGE SHARING

EDUCATION AND CAPACITY DEVELOPMENT

PARTNERSHIPS FOR WATER SECURITY

RESPONSIBLE CAMPUS MANAGEMENT



UWED's Commitment to
Clean Water and Sanitation

UWED advances water security, responsible water use and sanitation through education, research, partnerships and sustainable campus practices.

Our Approach in 2025

Education	Integrating water governance, water diplomacy and sustainable water management into academic and training activities.
Research	Producing research and policy analysis on water resources, transboundary water management and regional cooperation.
Partnerships	Collaborating with international organisations, government institutions and civil society on water security and sustainability.
Campus Practices	Promoting responsible water use, efficiency and a water-conscious campus environment.

Our Contribution to SDG 6

- Water security and cooperation
- Responsible water use
- Sustainable water management
- Awareness and community engagement

Research Contributions to Clean Water and Sanitation in 2025

UWED researchers address key water security and management challenges in Central Asia, contributing to sustainable and evidence-based solutions.

Selected Publications on Water and Sanitation (2025)

No.	Title	Authors	Source
1	Sustainable Transboundary Water Governance in Central Asia: Challenges, Conflicts, and Regional Cooperation	Prniyazova A.; Turaeva S.; Turgunov D. et al.	*Sustainability (Switzerland)*

UWED Author: Suriya Turayeva

- **This publication contributes research on shared water governance, regional cooperation and approaches to addressing transboundary water challenges in Central Asia.**

Turayeva Suriya Tel'manovna

DEPARTMENT: Associate Professor of the Department of International Economics

SPECIALIZATION

Environmental Protection

Engineer - Ecologist

COURSES

Green Economy

Environmental Diplomacy

Research Focus Areas

- Transboundary Water Governance
- Aral Sea and Regional Sustainability
- Water Resource Management and Modelling
- Water Security and Regional Cooperation

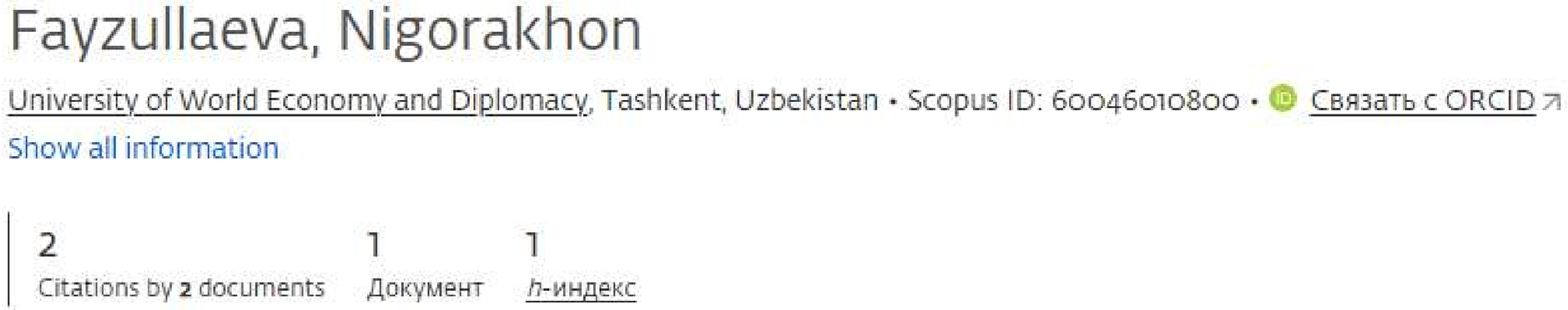
Research Contributions to Clean Water and Sanitation in 2025

UWED researchers address key water security and management challenges in Central Asia, contributing to sustainable and evidence-based solutions.

Selected Publications on Water and Sanitation (2025)

2	Aral Sea Crisis and Water Management in Central Asia	Rakhmanov S.; Fayzullaeva N.	*BRICS Law Journal*

- **This publication examines the Aral Sea crisis and water management in Central Asia, contributing knowledge relevant to sustainable regional water governance.**



Research Focus Areas

- Transboundary Water Governance
- Aral Sea and Regional Sustainability
- Water Resource Management and Modelling
- Water Security and Regional Cooperation

Research Contributions to Clean Water and Sanitation in 2025

UWED researchers address key water security and management challenges in Central Asia, contributing to sustainable and evidence-based solutions.

Selected Publications on Water and Sanitation (2025)

3

Numerical implementation of optimal water resource management problems in open channels using Python

Seytov A.; Abduraxmonov O.; Anvarov D. et al.

UWED Author: Aybek Seytov

- **This research explores computational approaches to managing water resources in open channels, contributing technical knowledge relevant to efficient water management.**

Seytov Aybek Jumabayevich

DEPARTMENT: Professor of the Department of System Analysis and Mathematical Modeling

SPECIALIZATION

System analysis, management and information processing;

Hydraulics and engineering hydrology.

COURSES

Calculus 1

Calculus 2

CONTACTS: aseyitov@uwed.uz

LinkedIn, Google Scholar, Research Gate, Academia, Web of Science, ORCID.

Research Focus Areas

- Transboundary Water Governance
- Aral Sea and Regional Sustainability
- Water Resource Management and Modelling
- Water Security and Regional Cooperation

Research Contributions to Clean Water and Sanitation in 2025

UWED researchers address key water security and management challenges in Central Asia, contributing to sustainable and evidence-based solutions.

4 The Role of Water Resources in Geopolitical Processes in Central Asia

Abdurasulov J.A.

World Economy and International Relations

UWED Author: Javlon Abdurasulov

- **This publication examines the role of water resources in Central Asian geopolitical relations, informing understanding of regional water security and cooperation.**

Abdurasulov Javlon Abdurayimovich

Department: International Relations

Specialization

International Relations

Political Science

Subjects

History of International Relations

Geopolitics

Basics of Diplomacy

Research Focus Areas

- Transboundary Water Governance
- Aral Sea and Regional Sustainability
- Water Resource Management and Modelling
- Water Security and Regional Cooperation

UWED's Water Consumption and Environmental Resource Monitoring | 2025

UWED documented key water-related resource indicators for 2025 to support environmental monitoring and sustainability reporting.

Reported Water-Related Indicators for 2025

Cold Water Consumption

48,765 m³

Reported for 2025

Sewerage Volume

91,112 m³

Reported for 2025

Rainwater Volume

1,972 m³

Reported for 2025

6.2.1 — Water consumption tracking

UWED documented water consumption, sewerage and rainwater volumes for 2025, establishing baseline information to support future water-resource management and sustainability reporting.

Promoting Water Conservation Beyond Campus

UWED students share practical water-saving knowledge with local schoolchildren.

6 MAY 2025 | **School No. 250 — Community Environmental Education**

About **100** **school pupils participated.**

“Water Is the Source of Life”

Student presentation

UWED students shared useful information on saving water and electricity.

90%

of survey respondents reported gaining more information about environmental, water and electricity issues.

6.5.1 — Water management educational opportunities

UWED students provided local schoolchildren with practical information on saving water, extending water-management education beyond the university.

Launching the Master of Water Diplomacy at UWED

A landmark step to build regional expertise and cooperation on sustainable water governance.

20 NOV 2025

UWED Water Diplomacy Dialogue — 20 November 2025

6.5.5 — Cooperation on water security — supporting contribution

Key Contributions to 6.5.5 — Cooperation on water security — supporting contribution

- Development of a specialised Master of Water Diplomacy programme
- Trilateral cooperation between UWED, TIIAME NRU and IWMI
- Strengthening education, research and policy cooperation on water governance
- Advancing dialogue on transboundary water management and sustainability

UWED
University of World Economy and Diplomacy

TIIAME NRU
Tashkent Institute of Irrigation and Agricultural Mechanization Engineers National Research University

IWMI
International Water Management Institute

Protecting Water Resources Through Research and International Cooperation

UWED connects researchers, policymakers and international partners to address environmental challenges in the Aral Sea region.

20 NOV 2025

UWED–AFD Conference on Post-Aral Sea Transformation

UWED and the French Development Agency co-organised an international conference examining environmental challenges, sustainable development and economic opportunities in Karakalpakstan.

More than 200 participants attended, representing academia, international organisations, NGOs, businesses and public institutions.

UWED News 1084

Water-Efficient Agriculture

Highlighted irrigation modernisation and more efficient water use in climate-resilient agriculture.

Environmental Resilience

Promoted discussion of ecosystem restoration, biodiversity and sustainable livelihoods in the Aral Sea region.

Research and Policy Dialogue

Connected researchers, young environmental advocates and international partners in discussions on regional challenges.

6.5.5 — Cooperation on water security

The conference connects academic, development and public-sector perspectives on Aral Sea challenges, supporting cooperation on water efficiency and regional environmental resilience.

Regional Water Diplomacy and Transboundary Cooperation

UWED fosters expert dialogue and regional cooperation to address water challenges in Central Asia.

UWED News 801

4 JUNE 2025 — **International Water Diplomacy Conference**

50+
participants from five Central Asian countries

UWED Speakers:
Suriya Turaeva and Murat Bakhadirov

Water diplomacy and transboundary cooperation in the Aral Sea basin.

6.5.5 — Cooperation on water security

UWED advanced regional dialogue on water security through academic expertise and cross-border cooperation.

Building Water Awareness Through Education and Environmental Engagement

UWED connects student dialogue, environmental education and expert exchange to advance sustainable water management.

10 APR 2025

UWED–A.S.I.E. Sustainability Roundtable

Discussed environmental protection, efficient water use and opportunities for student participation.

UWED News 667

6.5.6 — Promoting conscious water usage on campus

Discussion of efficient water use encourages students to consider water conservation as part of responsible environmental behaviour within the university community.

Building Water Awareness Through Education and Environmental Engagement

UWED connects student dialogue, environmental education and expert exchange to advance sustainable water management.

19 APR 2025

TIDA Environmental Debate Tournament

UWED EcoClub and partners engaged students in discussions on water management and environmental solutions.

UWED News 710

6.5.6 — Promoting conscious water usage on campus — supporting contribution

Strengthening water-management knowledge through education, student participation and expert exchange.

Building Water Awareness Through Education and Environmental Engagement

UWED connects student dialogue, environmental education and expert exchange to advance sustainable water management.

22 OCT 2025

ACTED Water Management Masterclass

Students explored transboundary water resources, sustainable use and water-volume monitoring.

UWED News 987

The masterclass develops students' understanding of sustainable water use and monitoring, providing knowledge that supports more conscious water-use practices.

6.5.6 — Promoting conscious water usage on campus — supporting contribution

Strengthening water-management knowledge through education, student participation and expert exchange.

The University of World Economy and Diplomacy

Clean Water and Sanitation

In 2025, UWED made a meaningful contribution to SDG 6 by advancing water education, regional cooperation, community engagement and evidence-based resource monitoring.