



Ministry of Higher and Secondary
Specialized Education of the
Republic of Uzbekistan



National University of
Uzbekistan named
after Mirzo Ulugbek



Ecological
Movement of
Uzbekistan



State Committee of the
Republic of Uzbekistan for
Nature Protection

International Theoretical and Practical Conference

EDUCATION AND SCIENCE FOR SUSTAINABLE DEVELOPMENT

**ТАЪЛИМ ВА ФАН БАРҚАРОР РИВОЖЛАНИШ
МАНФААТЛАРИ ЙЎЛИДА**

**ОБРАЗОВАНИЕ И НАУКА В ИНТЕРЕСАХ УСТОЙЧИВОГО
РАЗВИТИЯ**

National University of Uzbekistan named after Mirzo Ulugbek

April, 6-8, 2016
Tashkent, Uzbekistan

PROGRAMME

4th -5th of April, 2016

Arrival, hotel delivery.

1st Day, 6th of April, 2016 \ Faculty of Physics, NUUz

9:00 – 9:30	Registration, posters placement
9:30 – 10:00	Opening ceremony, welcome speeches Rector of the National University of Uzbekistan named after Mirzo Ulugbek, Prof. Shukhrat SIROJIDDINOV Deputy Minister of Higher and Secondary Specialized Education of RUz, Mr. Botir USMANOV Head of the Delegation of the European Union to the Republic of Uzbekistan H.E Yuri STERK Head of UNESCO Representative in Uzbekistan, Mrs. Krista PIKKAT Chairman of Executive Committee of Ecological Movement of Uzbekistan, Vice-speaker of Parliament, Mr. Bory ALIKHANOV
10:00 – 11:00	Plenary Session: Education and Science for sustainable Development
10:00 – 10:20	Prof. Abdukadir ERGASHEV (<i>UNESCO Adviser; Urgench State University</i>) UN Sustainable Development concept as world-outlook and its importance for future generations
10:20 – 10:40	Lars RYDÉN (<i>UZWATER project; Uppsala University, Uppsala, Sweden</i>) Education for sustainable development, ESD, a challenge for academic teachers
10:40 – 11:00	Linus KLIUČININKAS (<i>UZWATER project; Kaunas University of Technology, Lithuania</i>) UZWATER Tempus project - Master program in environmental science and sustainable development with focus on water management
11:00 – 11:30	Coffee-break
11:30 – 13:00	Special Session: UN Report on World Water Resources Moderator: Mrs. Krista PIKKAT (UNESCO Representative in Uzbekistan)
11:30 – 11:40	Opening Mrs. Krista PIKKAT (UNESCO Representative in Uzbekistan) Mr. Riccardo MANARA (Embassy of Italy in Uzbekistan)
11:40 - 12:10	Mrs. Dinara Ziganshina (<i>SIC ICWC of Central Asia</i>) Presentation of UN Report WWDR 2016. «Water and jobs»
12:10 – 13:00	Discussion
13:00 – 13:30	Common photo
13:30 – 14:30	Lunch
14:30 – 17:30	Session 1. Water resources and sustainable development Chairman: Azamat AZIZOV (<i>NUUz, Uzbekistan</i>)

14:30 – 14:45	Fazliddin KHIKMATOV (<i>NUUz, Faculty of Geology and Geography, Uzbekistan</i>) Water resources of Aral Sea basin; protection and rational use
14:50 – 15:05	Inna RUDENKO (<i>Urgench State University, Uzbekistan</i>) Sustainable Development in rural Uzbekistan through Education, Science and Beyond
15:10 – 15:25	Józef MOSIEJ (<i>Warsaw University of Life Sciences- SGGW, Poland</i>) Indicators of sustainable rural water management in arid zone condition
15:30 – 16:00	Coffee-break
16:00 – 16:15	Marina VOROBYOVA (<i>Central Asian regional network on capacity building in water resources, Kazakhstan</i>) Study of educational potential in sphere of water resources
16:20 – 16:35	Farhod AHROROV (<i>Samarkand Agricultural Institute, Uzbekistan</i>) Water conflict threats to sustainability in Central Asia
16:40 – 17:00	Edgar KLOSE (<i>Maerkish Institute for promotion of Technology and Innovation (MITI), Germany</i>) The Development of Nature as Model and Scale to Sustainable Development
17:00 – 17:30	Discussion Summing up of the Session
17:30 – 18:00	Poster presentations

2nd Day. 7th of April, 2016 (parallel sessions: 2 and 3 in the morning, 4 and 5 afternoon)

10:00 - 14:00 <i>Faculty of Physics, Small lecture hall</i>	2nd Session. Theoretical and practical researches for development Chairman: Abdukadir ERGASHEV (<i>Urgench State University, Uzbekistan</i>)
10:00 – 10:15	Nilufar AVAZOVA (<i>International Institute of solar energy, Uzbekistan</i>) Prospects of solar-combustive power stations development in the Republic of Uzbekistan
10:20 -10:35	Shakhlo TURDIKULOVA (<i>Center of High Technologies, Uzbekistan</i>) Innovative researches of CHT in the field of biotechnology for public health
10:40 – 10:55	Khamid NIKADAMBAEV (<i>Tashkent Beekeepers Society</i>) Apiculture development in Uzbekistan
11:00 -11:30	Coffee-break
11:30 -11:45	Gulnara DJUMANIYAZOVA (<i>Institute of Microbiology of Academy of Science RUz</i>) Microbe biotechnologies for improvement of soil fertility and rising of crop yield
11:50 -12:05	Lyudmila ZAYNITDINOVA (<i>Institute of Microbiology of Academy of Science RUz</i>) High-performance technology for organic waste processing into biogas and fertilizers
12:10 – 12:25	Jutta PAPENBROCK (<i>Leibniz University Hannover, Germany</i>) Multipurpose halophytic plant species: Source of valuable secondary compounds and substrates for biogas production cultivated with different concentrations of sodium chloride under hydroponic conditions
12:30 – 12:45	Linās KLIUČININKAS (<i>Kaunas University of Technology, Kaunas, Lithuania</i>) Sustainable Management of Urban Flows

12:50 – 13:05	Lyubov SHAPOVALOVA (<i>Tashkent Research Institute «VODGEO»</i>) Waste water toxicity level measurement for maintenance of stable work of city waste water biological treatment systems
13:10 – 13:25	Elmir CHEMBARISOV (<i>Research institute of irrigation and water problems at TIIM</i>) Some modern aspect of water resources management in Uzbekistan for sustainable development
13:30 – 14:00	Discussion Summing up of the Session
10:00 - 14:00 <i>Faculty of Physics, Big lecture hall</i>	3^d Session. Education for Sustainable Development Chairman: Yakutkhon MAMATOVA (<i>NUUZ</i>)
10:00 – 10:15	Māris KĻAVIŅŠ (<i>University of Latvia, Latvia</i>) Climate change and education from perspective of sustainable development
10:20 -10:35	Vera MUKHAMEDJANOVA (<i>Institute for professional development of pedagogical staff on Samarkand region</i>) Towards professional competency of teacher for growing up of individual
10:40 – 10:55	Dilara SHARIPOVA (<i>Tashkent State Pedagogical University named after Nizamy</i>) Health-saving education – important factor for growing up healthy generation
11:00 -11:30	Coffee-break
11:30 -11:45	Saidakhror GULAMOV (<i>Center of statistic researches and professional development of State Committee of statistics of RUz</i>) External factors which determine quality of lifelong education
11:50 -12:05	Sanjarbek DAVLETOV (<i>Urgench State University</i>) Importance of historical knowledge for achievement of sustainable development goals
12:10 – 12:25	Yakutkhon MAMATOVA (<i>NUUZ</i>) Ecological journalism of Uzbekistan: evolution, structure and current tasks
12:30 – 12:45	Elena TSAY (<i>Kazakh-German University in Almaty, Kazakhstan</i>) Central-Asian Youth Parliament for Water (CAYPW)
12:50 – 13:05	Beruniy ALIMOV (<i>NUUZ</i>) Modern Aspects of Teaching Broadcast Journalism
13:10 – 13:25	Jeanam PARK (<i>Faculty of Inha University in Tashkent</i>) Geometric Proportions for the great pyramid of Khufu and the Ahmose papyrus No. 50
13:30 – 13:45	KARAMYAN Marietta (<i>NUUZ</i>) The role of health education in health promotion
13:50 – 14:00	Discussion Summing up of the Session
14:00 – 15:00	Lunch

<p>15:00 – 18:00 Faculty of Physics, room 122</p>	<p>4th Session. Round Table “Perspectives of an education and science development in Uzbekistan” Organized jointly with deputy group of Ecological Movement of Uzbekistan Chairman: Damir TALIPOV (<i>NUUZ</i>) Chairman: Sergey SAMOYLOV (<i>Ecological Movement of Uzbekistan</i>)</p>
<p>15:00 – 16:00</p>	<p>Alisher MUMINOV (<i>NUUZ</i>) Education System in Uzbekistan: quality and quantity indices of reforming</p> <p>Damir TALIPOV (<i>NUUZ</i>) Towards modernization of curricula for High Education System of the Republic of Uzbekistan</p> <p>Saidrasul SANGINOV (<i>Central Council of Ecological Movement of Uzbekistan</i>) Activities of Ecological Movement of Uzbekistan in the field of Education for sustainable development</p> <p>Zukhra KADIROVA (<i>NUUZ</i>) Role of education and science in sustainable development of society</p> <p>Karina GRIGORYANTS (<i>NUUZ</i>) Consolidation of interdisciplinary relations as a factor of sustainable development of science and technologies</p> <p>Mirakhmadjon RIKHSIBOEV (<i>The center of popularizing and developing foreign languages</i>) Today’s education system through the eyes of students</p>
<p>16:00 – 16:30</p>	<p>Coffee-break</p>
<p>16:30 – 18:00</p>	<p>Discussion Summing up of the Session</p>
<p>15:00 – 18:00 (<i>Faculty of Physics, National Center on ESD, room 126</i>)</p>	<p>5th Session. Master-classes “Knowledge through practice” Moderator: Saida MUSTAFAEVA</p>
	<p>Ruzaniya MUSINA (Consulting Company “InfoCapital Group”) How to start? Interactive teaching Bunyod IGAMBERDIEV (<i>Fergana Technical Institute</i>) Applied physics Natalya KAMILOVA (<i>Tashkent</i>) Second life of wear rags Makhmud KOMILOV (<i>Tashkent</i>) Beauty from paper belts</p>
<p>16:00 – 16:30</p>	<p>Coffee-break</p>
<p>18:00 – 18:30</p>	<p>General discussion Summing up of the ESSD Conference</p>

Final Conference of the Tempus Project
Master Program in Environmental Science and Sustainable Development with Focus on
Water Management for Uzbekistan Higher Education – UZWATER

Day 3, April 8, 2016	
<i>Faculty of Physics, 122 room</i>	
Chairman: Azamat Azizov	
9.00 - 9.30	Overview of Goals and Outcomes of the UZWATER project , <i>Linas Kliucininkas</i>
9.30 – 10.00	Deliverables of the module Environmental Science , <i>Maris Klavins / Lars Ryden</i>
10.00 – 10.30	Deliverables of the module Sustainable Development , <i>Lars Ryden / Starhei Darozhka</i>
10:30 – 11:00	Coffee break
Chairman: Sardor Hodjaniyazov	
11.00 – 11.30	Deliverables of the module Water Management , <i>Jozef Mosiej / Gunilla Bjorklund / Linas Kliucininkas</i>
11.30 – 11.45	Deliverables of the module Master Thesis Work , <i>Bjorn Frostell</i>
11.45 – 12.30	Discussion on Educational Methods , <i>All project partners</i>
12:30 – 13:30	Lunch
Activity Reports and Sustainability Plans	
Chairman: Abror Gadaev	
13.30 – 13.50	National University of Uzbekistan , <i>Azamat Azizov / Natalya Akinshina</i>
13.50 – 14.10	Samarkand Agricultural Institute , <i>Farhod Ahrorov</i>
14.10 – 14.30	Urgench State University , <i>Sardor Hodjaniyazov</i>
14.30 – 14.50	Tashkent Technical University , <i>Nurulla Zikrillayev</i>
14:50 – 15:30	Coffee break
Chairman: Farhod Ahrorov	
15.30 – 15.50	Samarkand State Architectural and Civil Engineering Institute , <i>Abror Gadaev</i>
15.50 – 16.10	Karakalpak State University , <i>Rustam Eshniyazov</i>
16.10 – 16.30	Samarkand State University , <i>Eshkuvat Arzikulov</i>
16.30 – 16.50	Bukhara State University , <i>Yokub Cholov</i>
16.50 – 17.30	Discussion on Future Cooperation , <i>All project partners</i>
19:00 – 22:00	Farewell banquet, “Zebu Zar” Restaurant