



При финансовой поддержке
Европейского Союза



Полноправные люди. Устойчивые страны.

Training on Integrated Water Resources Management for academic staff of the Universities of Kazakhstan within the Joint EU/UNDP/UNECE project “Supporting Kazakhstan’s Transition to a Green Economy Model”

LEGAL AND ECONOMIC ASPECTS OF INTEGRATED WATER RESOURCES MANAGEMENT

9-17 January 2017

The second part of the training on IWRM for the academic staff of the largest Kazakhstani universities within the Joint EU/UNDP/UNECE project “Supporting Kazakhstan’s Transition to a Green Economy Model” took place at the German-Kazakh University. A total of 19 representatives of 11 largest universities of Kazakhstan that offer education in various aspects of water management, such as water supply and sanitation, water economy, ecology and environmental sciences, agricultural water supply and others have participated in the training.

This training was dedicated to the legal and economic aspects of IWRM. Dr. Barbara Janusz-Pawletta, Holder of the UNESCO Chair in Water resources management in Central Asia at the German-Kazakh University acted as the international expert in the legal aspects of IWRM, Mr. Alexandr Nikolaenko from the German Society for International Cooperation (GIZ) was invited as the national expert and shared with the participants his knowledge on the legal aspects of IWRM in Kazakhstan. Prof. Saghit Ibatullin, UNECE consultant, held two lectures on the UNECE Convention for Protection and Use of Transboundary Watercourses and International Lakes, as well as the legal aspects of cooperation on transboundary water resources of Kazakhstan. Prof. Meine Pieter van Dijk from UNESCO –IHE was invited as an international expert on water economy, and Dr. Marat Narbayev from the Executive Directorate of the International Fund for Saving the Aral Sea was invited as a national expert.

An excursion to the Kapchagaiskaya HPP was organized on Wednesday, 11th of January, where the participants were able to see the technology of electricity production from flowing water.

Special manuals were developed for the training and the participants were asked to assess the manuals and leave their comments so that the manuals could be further improved.



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German-Kazakh University, Almaty

Programme of the training

Monday, 9 January	
9:30 – 11:00	<p><u>Welcome words and introduction to the training</u></p> <p>Dr. Falk-Juri Knauff, <i>Vice-rector for Science and Cooperation, German-Kazakh University</i></p> <p>Dr. Barbara Janusz-Pawletta, <i>Chairholder, UNESCO Chair in Water resources Management in Central Asia at the German-Kazakh University</i></p> <p>Tais Tretyakova, <i>Project Coordinator, UNESCO Chair in Water resources Management in Central Asia at the German-Kazakh University</i></p> <hr/> <p><i>Lecture</i></p> <p>Dr. Barbara Janusz-Pawletta, <i>Chairholder, UNESCO Chair in Water resources Management in Central Asia at the German-Kazakh University</i></p> <p><i>“Law of the international watercourses, its evolution and current status”</i></p>
11:00-11:20	<i>Coffee-break</i>
11:20-12:50	<p><i>Lecture</i></p> <p>Dr. Barbara Janusz-Pawletta, <i>Chairholder, UNESCO Chair in Water resources Management in Central Asia at the German-Kazakh University</i></p> <p><i>“Law of the international watercourses, its evolution and current status (continuation)”</i></p>
12:50-14:00	<i>Lunch</i>
14:00-15:30	<p><i>Lecture</i></p> <p>Dr. Barbara Janusz-Pawletta, <i>Chairholder, UNESCO Chair in Water resources Management in Central Asia at the German-Kazakh University</i></p> <p><i>“Definition of aims, users and resources”</i></p>
15:30-15:50	<i>Coffee-break</i>
15:50-17:20	<p><i>Seminar</i></p> <p>Dr. Barbara Janusz-Pawletta, <i>Chairholder, UNESCO Chair in Water resources Management in Central Asia at the German-Kazakh University</i></p>



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Tuesday, 10 January	
9:30 – 11:00	Lecture Dr. Barbara Janusz-Pawletta , Chairholder, UNESCO Chair in Water resources Management in Central Asia at the German-Kazakh University <i>“The main elements of the law of international watercourses”</i>
11:00-11:20	<i>Coffee break</i>
11:20-12:50	Lecture Dr. Barbara Janusz-Pawletta , Chairholder, UNESCO Chair in Water resources Management in Central Asia at the German-Kazakh University <i>“Procedural mechanisms of international cooperation”</i>
12:50-14:00	<i>Lunch</i>
14:00-15:30	Lecture Dr.Saghit Ibatullin , Former Chairman of EC IFAS <i>“The UNECE Convention on Protection and Use of Transboundary Watercourses and International Lakes”</i>
15:30-15:50	<i>Coffee break</i>
15:50-17:20	Lecture Dr.Saghit Ibatullin , Former Chairman of EC IFAS <i>“International cooperation of Kazakhstan in the Aral Sea basin”</i>
Wednesday, 11 January	
9:30 – 11:00	Lecture Dr. Barbara Janusz-Pawletta , Chairholder, UNESCO Chair in Water resources Management in Central Asia at the German-Kazakh University <i>“Joint institutional mechanisms”</i>
11:00-11:20	<i>Coffee break</i>
11:20-12:50	Excursion and field trip to the Kapchagaiskaya HPP
12:50-14:00	
14:00-15:30	
15:30-15:50	
15:50-17:20	
Thursday, 12 January	
9:30 – 11:00	Lecture Dr. Marat Narbayev , Executive Directorate of the International Fund for Saving the Aral



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	Sea in Kazakhstan “Economic aspects of water and energy use of transboundary watercourses of Kazakhstan”
11:00-11:20	<i>Coffee break</i>
11:20-12:50	Lecture Dr. Marat Narbayev , Executive Directorate of the International Fund for Saving the Aral Sea in Kazakhstan “Economic aspects of water and energy use of transboundary watercourses of Kazakhstan (continuation)”
12:50-14:00	<i>Lunch</i>
14:00-15:30	Lecture Dr. Marat Narbayev , Executive Directorate of the International Fund for Saving the Aral Sea in Kazakhstan “Economic aspects of water and energy use of transboundary watercourses of Kazakhstan (continuation)”
15:30-15:50	<i>Coffee break</i>
15:50-17:20	Seminar Dr. Marat Narbayev , Executive Directorate of the International Fund for Saving the Aral Sea in Kazakhstan
Friday, 13 January	
9:30 – 11:00	Lecture Prof. Meine Peter van Dijk , UNESCO-IHE “Introduction to economic aspects of IWRM and economic theory in IWRM”
11:00-11:20	<i>Coffee break</i>
11:20-12:50	Lecture Prof. Meine Peter van Dijk , UNESCO-IHE “Introduction to economic aspects of IWRM and economic theory in IWRM (continuation)”
12:50-14:00	<i>Lunch</i>
14:00-15:30	Lecture Prof. Meine Peter van Dijk , UNESCO-IHE “International best practices in water pricing and tariffication”
15:30-15:50	<i>Coffee break</i>
15:50-17:20	Lecture Prof. Meine Peter van Dijk , UNESCO-IHE



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	<i>“International best practices in water pricing and tariffication, situation in Kazakhstan and comments”</i>
Saturday, 14 January	
9:30 – 11:00	Lecture Prof. Meine Peter van Dijk , UNESCO-IHE <i>“Economic aspects of water and energy use in transboundary watercourses”</i>
11:00-11:20	<i>Coffee break</i>
11:20-12:50	Lecture Prof. Meine Peter van Dijk , UNESCO-IHE <i>“Economic aspects of water and energy use in transboundary watercourses (continuation)”</i>
12:50-14:00	<i>Lunch</i>
14:00-15:30	Lecture Prof. Meine Peter van Dijk , UNESCO-IHE <i>“Economic aspects of water and energy use in transboundary watercourses (continuation)”</i>
15:30-15:50	<i>Coffee break</i>
15:50-17:20	Lecture Prof. Meine Peter van Dijk , UNESCO-IHE <i>“Economic aspects of water and energy use in transboundary watercourses (continuation)”</i>
Monday, 16 January	
9:30 – 11:00	Lecture Mr. Alexandr Nikolaenko , German Society for International Cooperation (GIZ) <i>“Overview of the legal and institutional basis of water management in Kazakhstan”</i>
11:00-11:20	<i>Coffee break</i>
11:20-12:50	Lecture Mr. Alexandr Nikolaenko , German Society for International Cooperation (GIZ) <i>“Overview of the legal and institutional basis of water management in Kazakhstan (continuation)”</i>
12:50-14:00	<i>Lunch</i>
14:00-15:30	Lecture Mr. Alexandr Nikolaenko , German Society for International Cooperation (GIZ) <i>“Overview of the legal and institutional basis of water management in Kazakhstan (continuation)”</i>
15:30-15:50	<i>Coffee break</i>



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15:50-17:20	Lecture Mr. Alexandr Nikolaenko , German Society for International Cooperation (GIZ) <i>“Overview of the legal and institutional basis of water management in Kazakhstan (continuation)”</i>
Tuesday, 17 January	
9:30 – 11:00	Lecture Mr. Alexandr Nikolaenko , German Society for International Cooperation (GIZ) <i>“Basin councils as an important factor of introduction of IWRM in Kazakhstan”</i>
15:30-15:45	<i>Coffee break</i>
11:20-12:50	Lecture Mr. Alexandr Nikolaenko , German Society for International Cooperation (GIZ) <i>“Basin councils as an important factor of introduction of IWRM in Kazakhstan (continuation)”</i>
12:50-14:00	<i>Lunch</i>
14:00-15:30	Lecture Mr. Alexandr Nikolaenko , German Society for International Cooperation (GIZ) <i>“Basin councils as an important factor of introduction of IWRM in Kazakhstan (continuation)”</i>
15:30-15:50	<i>Coffee break</i>
15:50-17:20	Lecture Mr. Alexandr Nikolaenko , German Society for International Cooperation (GIZ) <i>“Basin councils as an important factor of introduction of IWRM in Kazakhstan (continuation)”</i> <hr/> Wrap up and closing Dr. Barbara Janusz-Pawletta , Chairholder, UNESCO Chair in Water resources Management in Central Asia at the German-Kazakh University



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List of Participants

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№	Participant	Position	Contact
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3	Ms. Valentina Kolpakova	Dr., Associate Professor of the Supreme Attestation Committee, Head, "Water and forest resources" Chair	87773906201 8(7232)540596 vkolpakova53@mail.ru
4	Ms. Roza Nurekenova	Associate Professor, following areas of expertise: water management, ecological water management, restoration of rivers and reservoirs, hydraulic structures, flow regulation, integrated water resources management	
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10	Ms. Aiman Musaeva	Ph.D, Associate Professor, Natural Sciences Chair	aiman_mussayeva@mail.ru
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11	Mr. Khambar	Senior Professor, "Irrigation and	khambar2016@yandex.ru



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ЛЕТ

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19	Ms. Aigul Khasanova	Lecturer	