

UNITED NATIONS ORGANIZATION
ECONOMIC COMMISSION FOR EUROPE

INTERSTATE COORDINATION WATER COMMISSION OF CENTRAL ASIA
SCIENTIFIC-INFORMATION CENTER

ACTIVITY REPORT

on the project

**“Improvement of Water Information Exchange in the
Countries of Eastern Europe, Caucasus and Central
Asia on the Basis of the Central Asian Regional Water
Information System: Supporting the Russian-Speaking
Network of Water Organizations and the Work
Meeting on Water Issues in Moscow”**

Tashkent - 2014

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This material is published with the support of UNECE.

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1. Introduction

The main project objective is promoting contacts and extending information exchange among water professionals in the countries of Eastern Europe, Caucasus, and Central Asia through the enlargement of membership of the established and maintained Network of Water Organizations of EECCA countries and the enhancement of the exchange of information and accumulated experience.

SIC ICWC has achieved the following results for the reporting period:

1. Prepared and organized conference of EECCA water organizations “Community of Water Professionals - a Framework for Interstate Water Cooperation” - Moscow, 8 November 2013
2. Published NWO EECCA collection of scientific papers “Water, Energy, and Food Security in the EECCA Countries: Problems and Solutions”
3. Regularly updated and maintained web-site of the Network
4. Contributed to the development of a knowledge base on the CAWater-Info portal as one of the main components of NWO EECCA

2. Project activity during the reporting period

During the reporting period, the following activities were accomplished:

2.1. Preparation and organization of the Network Conference

Preparation to the conference of EECCA water organizations “Community of Water Professionals - a Framework for Interstate Water Cooperation” was undertaken in September-November 2013:

- created an action group headed by Academician P.A.Polad-zade (OAO “Vodstroy”) and composed of Prof. V.A.Dukhovny (SIC ICWC), V.I.Sokolov (GWP CACENA), F.F.Beglov (SIC ICWC, executive secretary), N.A.Sukhoy (Russian Union of Water and Land Reclamation Professionals), B.M.Kizyaev (VNIIGiM named by A.N.Kostyakov)
- disseminated invitations to concerned institutions
- agreed conference dates and venue - Moscow, 8 November 2013
- reserved hotel for the participants
- drawn up, approved and disseminated agenda of the conference (Annex 1)

The Conference was held at VNIIGiM named by A.N.Kostyakov (Moscow) on the 8th of November 2013.

The main aims of the Conference were:

- Implementation of IWRM
- Water conservation - achievements over the five years
- Public participation in water management
- Improvement of water supply
- Solution of interrelated food, water and energy security problems
- Discussion of water sector problems in Eastern Europe, Caucasus and Central Asia (together with representatives from Central Europe (Romania and France))

The Conference was organized by OAO “Vodstroy”, the Russian Union of Water and Land Reclamation Professionals, VNIIGiM named by A.N.Kostyakov (Moscow) and the Scientific-Information Center of ICWC (NWO EECCA Secretariat, Tashkent). This event was supported by GWP CACENA and UNECE (through the RF grant).

The participants were welcomed by:

- P.A.Polad-Zade, EECCA Network President
- N.A.Sukhoy, Chairman of the Conference Organizing Committee, President of the Russian Union of Water and Land Reclamation Professionals

- M.V.Seliverstova, Head of Federal Agency “Rosvodresursy”
- F. Pintus - on behalf of J-F Donzier, INBO Executive Secretary.

The following reports were delivered:

Issues in Land Reclamation and Water Management in EECCA Countries and Challenges Facing the Water Community - Acad. P.A.Polad-Zade, President of EECCA Network

About Scientific Support of the Programs for Land Reclamation and Water-Management System Development in the Russian Federation - Dr. Prof. B.M.Kizyaev, Director, VNIIGiM

The Current State and Prospects of Water Resources Management in Ukraine - Dr. V.A. Stashuk, Chairman, State Water Resources Agency, Ukraine, corresponding member of the National Academy of Sciences

Federal Target Program (FTP) “Plans for Agricultural Land Reclamation in Russia for 2014-2020” - D.P.Putyatin, Acting Director, Department of Land Reclamation, Ministry of Agriculture, Russian Federation

Challenges in the Development of Transboundary Water Cooperation in the ECE Region - B. Libert, Regional Advisor for Environment, UNECE

Enhancement of Transboundary Cooperation: about EC IFAS Activities over 2009-2012 - Prof. Dr. S.R.Ibatullin, Vice-Chair, Implementation Committee of the UNECE Water Convention

About Program for Development of Water Knowledge Bases in EECCA - Prof. Dr. D.V.Kozlov, Chancellor, Moscow State University of Environmental Engineering

About Program of Global Water Partnership for Caucasus and Central Asia for 2014-2016 - Dr. V.I.Sokolov, Regional Coordinator, GWP CACENA, Deputy Director of the Scientific-Information Center of the Interstate Commission for Water Coordination

The Current State and Prospects of IWRM in Turkmenistan - G.Nurmukammedova, Expert, Analytical Agency “Ynanch-Vepa”, Turkmenistan

Cooperation among Water Research Institutions in Russia and EECCA Countries - Prof. Dr. N.B. Prokhorova, Director, Russian Research Institute of Integrated Water Use and Protection

Water Management in the Republic of Uzbekistan: Current State and Plans for the Future - B.K.Ruziboev, Deputy Head, Central Water Resources Administration, Ministry of Agriculture and Water Resources, Republic of Uzbekistan

About Water Management in the Republic of Kazakhstan - B.K.Bekniyaz, Acting Chairman, Committee for Water Resources, Ministry of Environment and Water Resources, Republic of Kazakhstan

Water Management in Romania - E. Cserwid, National Institute of Hydrology and Water Management, Romania

BWO Amudarya about Water Security Issues in the Amudarya River Basin -A.M. Nazariy, Chief Engineer, BWO Amudarya, Uzbekistan

Promoting Small Transboundary Basin Cooperation in Central Asia - L. Kiktenko, Expert, CAREC, Kazakhstan

Irrigation and Drainage in Changing World – Prof. Acad. P.I.Kovalenko, Institute of Water Problems and Land Reclamation, National Academy of Sciences, Ukraine

Final Resolutions of INBO World General Assembly and Tasks of EECCA Network - Prof. V.A.Dukhovny, Executive Secretary of EECCA Network, Director of the Scientific-Information Center of the Interstate Commission for Water Coordination in Central Asia (read by V.I.Sokolov)

* * * *

The major system-wide problems of water development in **RUSSIA** include:

- unsatisfactory conditions of drinking and household water supply system
- reduction of agricultural areas and poor condition of irrigated and drained land
- wasteful use of water
- deteriorated water quality
- poor state of hydraulic infrastructure
- increased damage to property from negative water impact of natural and anthropogenic origin
- low efficiency of water management in agro-industry
- shortage of qualified staff

The strategic objectives of water sector development are seen as follows:

- guaranteed supply of rural population with drinking water of good quality
- development of rural water supply
- rehabilitation and development of irrigation and drainage
- prohibition of polluted wastewater discharge into water bodies
- development and application of innovation technologies and technical facilities
- ensuring of hydraulic structure security

The following mechanisms should be used for implementation of water strategy in agro-industry:

- improvement of legal, regulatory and methodological bases and state regulation methods
- achievement of effective management system
- development of human capacity
- research and development and data support

- federal and regional target programs for innovation development

The Federal Target Program (FTP) “Plans for Agricultural Land Reclamation in Russia for 2014-2020”, which received 75.3 billion roubles from the federal budget, sets the following objectives:

- Improve productivity and sustainability of agricultural production and of soil fertility through comprehensive land reclamation under global and regional climate changes and natural anomalies.
- Increase production capacity of reclaimed land and better use natural resources.

To achieve the above objectives and ensure effective implementation of the Program, an integrated approach will be used. All Program measures are grouped into three projects:

1. “Rehabilitation and improvement of operation of irrigation and drainage systems and separate hydraulic structures under the Russian Federation’s state ownership”;
2. “Development of irrigation and drainage systems and separate hydraulic structures under the Russian Federation’s state ownership, municipal property and agricultural enterprises’ property”;
3. “Prevention of agricultural land abandonment through afforestation, phyto-reclamation and land clearing.”

The following results are expected from the Federal Target Program:

- Annual quantity of agricultural production – 5 160 700 tons of feed units
- Guaranteed crop yields, irrespective of natural conditions, through putting of 840 960 ha of reclaimed land into operation
- Reserved existing job places and created new 92 890 ones
- Reduced vulnerability of population and land to floods and other negative water impacts (potential prevented damage of 66 100 000 000 roubles from the negative water impact)
- The share of state ownership decreased from 58.4 % to 40 % of the total amount of irrigation and drainage systems and separate hydraulic structures
- Quantity of ownerless irrigation and drainage systems and separate hydraulic structures decreased from 34.7 % to 0.

The basic objectives of the **UKRAINIAN** State Water Resources Agency are:

- supplying Ukrainian population and economic sectors with water, implementing inter-basin transfers and ensuring efficient water use;
- implementing integrated water resources management on basin basis and adapting the national water legislation to the standards of the European Union;
- promoting land reclamation and improving environmental status of irrigated and drainage land;
- providing, in the first place, centralized water supply to rural settlements that use water brought from afar;
- protecting rural settlements and agricultural land from harmful water impact and ensuring comprehensive flood protection in Dniester, Prut, and Siret basins, as well as in the Tisa River basin in Zakarpats'ka province;
- improving environmental conditions in the Dnieper River basin;
- maintaining international cooperation on transboundary water use, protection and restoration.

The Government adopted the State Target Program for water development and environmental improvement in the Dnieper River basin until 2021. Along with Basin councils, the interdepartmental commissions were established in major river basins to set operating regimes of reservoirs and water systems.

The Ukrainian Government pays increased attention to the water sector. For example, the President's Decree No. 351/2013 of 27 June 2013 made amendments to By-laws of the Ukrainian State Water Resources Agency. The next decree by the Ukraine Cabinet of Ministers No. 662-p of 28 August 2013 established territorial bodies of the Agency.

Finally, it was noted that drip irrigation area has extended from 5 500 ha to 76 000 ha since 2002.

Being the most densely populated country with the largest irrigated area in the region, **UZBEKISTAN** is very vulnerable country in terms of water availability. Therefore, Uzbekistan takes all necessary measures to achieve efficient use of limited water resources. Strict water limitation was introduced, application of water-conservation technologies is encouraged, and the legal framework is updated regularly. Over the last years, drip irrigation was adopted on more than 10 000 ha, with an annual increase by 5 000 ha. As a whole, water conservation technologies were applied on about 100 000 ha. As a result of agricultural diversification, the area of water-intensive crops, such as cotton, were reduced from 2 Mha to 1.2 Mha and that of rice decreased from 180 000 ha to 40 000 ha.

In the last decade, more than \$500 M from state budget and \$1.2 billions of foreign investments were spent for rehabilitation and reconstruction of irrigation and drainage infrastructure.

As a result, despite population growth and economic development, water withdrawals have decreased from 64 to 51 billion m³ a year or by 21%. Since 1992, 328 billion m³ of saved water has been delivered towards the Aral Sea, and a share of this water was used for 380 000 ha in the Amudarya River delta and recharged local water bodies, thus reviving flora and fauna.

For 2013-2017, the Government plans to allocate about \$1 billion for more efficient water use and improved conditions of irrigated land.

TURKMENISTAN every year approves and implements several projects for comprehensive reconstruction of irrigation systems and their modernization. The projects propose various options combining the following measures:

- optimization of initial irrigation and collector-drainage network layout;
- increase of unit drainage length;
- anti-filtration coating;
- micro-irrigation systems (drip and sprinkling irrigation);
- construction or rehabilitation of regulating structures;
- land leveling and leaching;
- change of institutional framework

In order to catch and accumulate small river runoff and mudflows, small reservoirs are under construction in mountain area and piedmont (three projects completed and the fourth one is ongoing).

A new Water Code is to be adopted in Turkmenistan in the nearest future.

The Government of **KAZAKHSTAN** attaches great importance to the water sector. This is clear from the establishment - according to the President's Decree No.677 of 29 October 2013 - of the Ministry for Environment and Water Resources and the finalization of State Program for water management in the Republic of Kazakhstan for 2014-2040. The Program is to be adopted soon.

The common problem for all **countries in EECCA and Central Europe** is the drastic reduction of irrigated area:

Country	before 1990	2008-2010	difference
Armenia	316	270	- 46
Azerbaijan	1243	1215	- 28
Georgia	414	150	- 264
Kazakhstan	2253	1300	- 953
Uzbekistan	4280	4270	- 10
Russia	6160	4500	- 1660
Ukraine	2600	700	- 1900
Moldova	316	30	- 286
Turkmenistan	1185	1842	+ 657
Kyrgyzstan	1080	1030	-50
Tajikistan	715	755	+40
Hungary	300	200	-100
Bulgaria	1250	40	-1210
Macedonia	128	22	-106
Poland	343	79	-264
Czechia	153	30	-123
Romania	3077	405	- 2672

Source: Kovalenko P.I., Irrigation and Drainage in the Changing World

Moreover, the Declaration of Fortaleza adopted by the General Assembly of INBO set the following:

1. Floods, droughts, water-borne diseases, pollution, wastage and destruction of aquatic ecosystems occur in many countries in the world.
2. Integrated water resources management at the level of river basins is essential worldwide!
3. This IWRM should be based on integrated information systems, short- and long-term forecasts.
4. Basin management plans or master plans should be the basis for investments needed and should consider all types of water.
5. Sustainable financing of water resources management and of the organizations that are in charge of it must be guaranteed through combination of public and private investments, system of tariffs, and the application of the "polluter pays" and "user pays" principles.
6. Active participation in decision-making of the public and water user associations.

Finally, the Conference adopted its Resolution:

**INTERNATIONAL CONFERENCE OF EECCA WATER ORGANIZATIONS
“COMMUNITY OF WATER PROFESSIONALS - A FRAMEWORK FOR INTERSTATE
WATER COOPERATION”
RESOLUTION**

The participants of the Conference of EECCA water-management organizations “Community of Water Professionals - a Framework for Interstate Water Cooperation” gathered in Moscow on the 8th of November 2013, discussed delivered reports and speeches and noted high significance of maintaining professional unity and information exchange and of best practices dissemination within the Network of water-management organizations from EECCA.

Regular information of the Network’s members about measures taken in their countries to improve management and implement integrated water resources management and dissemination of information about new publications, software products and training materials contribute to broader horizons of water professionals and encourage progress in the water sector within EECCA space.

Further development of NWO EECCA is seen in strengthening of the Network’s national centers, their equipping and involvement in their activities of more water-management, academic and non-governmental organizations in order to create a kind of public platform, improve water management for better solution of problems and meeting of challenges that the global water community faces, in the light of specific regional features.

Joint activity of the members regarding transboundary water cooperation is of particular importance. The positive experience of such cooperation on Russian-Ukrainian, Russian-Kazakh, and Russian-Azerbaijani transboundary water bodies may serve an example of efficient water use and water pollution control.

The participants underlined:

- as a matter of concern – by 6 Mha reduced irrigated area in EECCA space;
- decreased quantity and quality and reliability of accounting water quantities and quality;
- continuing pollution of water, including in transboundary bodies;
- positive role, as a water development promoter, of Global Water Partnership and UNECE;
- further enhancement and improvement of cooperation between the NWO EECCA and the GWP for Central Asia and Caucasus;
- a need for enhanced dialogues and mutual understanding among riparian states.

In this context, the following is proposed:

- Intensify exchange of information with the focus on dissemination of knowledge and best practices accumulated in the region.
- Organize training in major areas contributing to improved water management (IWRM, water use technologies, IS, international water law, water diplomacy) in form of both traditional training courses and e-learning.
- Develop (regional and national) knowledge hubs for assistance to water users at various hierarchical levels.

The Conference recommended the NWO EECCA Board to concentrate its efforts on the following:

- Strengthen institutional and financing bases of NWO EECCA.
- Organize regular exchange of information on:
 - Status of water resources (quantity and quality);
 - Integrated water management and use;
 - Water use economics;
 - Water restoration and protection;
 - Problems occurring in transboundary water bodies;
 - Development of information systems, including e-databases on water quantity and quality;
 - Hydrological and water-management modeling;
 - Environmental safety of water use;
 - IT in water sector and implementation of SCADA systems;
 - Training, lifelong education, advanced professional training;
 - International water law, its development and application;

- National water law.

The Conference considers involvement of the general public and non-governmental self-regulating organizations in solution of water-related problems as top priority. Thus, it seems advisable to make use of Basin councils that comprise all water users in given basin. It is necessary to establish close cooperation with the ICID Working group on irrigation and drainage in the states under socio-economic transformation.

The Conference recommended exploring a possibility to establish within the Network an Expert Council for independent assessment of anticipated engineering structures, especially those planned in transboundary water bodies.

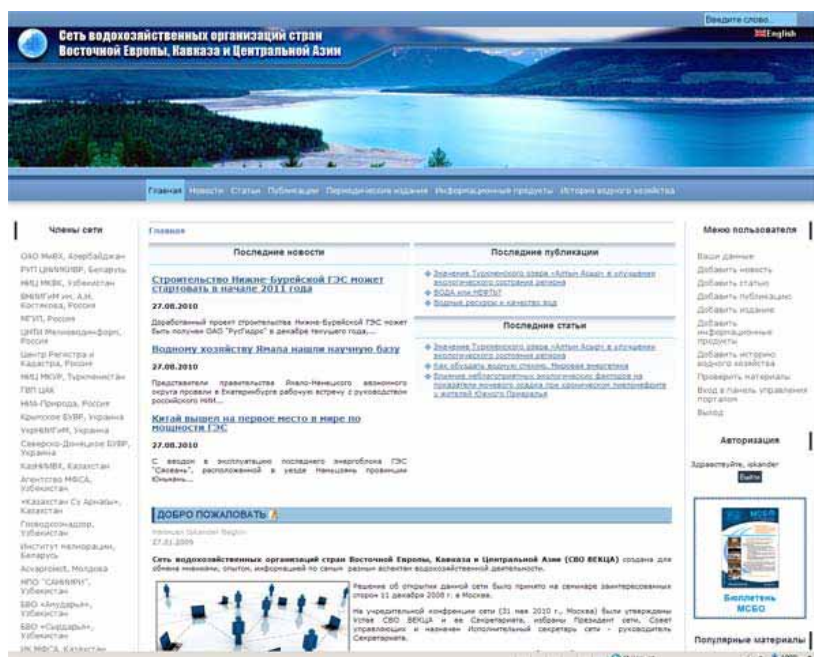
The participants thanked GWP CACENA and UNECE for support and assistance provided to the Network, including in organization of this Conference.

The participants renewed their thanks to the Russian Government for the long standing support of NWO EECCA.

2.2. Maintenance of the Network web-site

The special web-site (www.eecca-water.net) is maintained to support activity of the Network of Water Organizations in EECCA countries. The web-site sections were filled with information from the Network's members and from open Internet sources during the reporting period. The following sections were opened:

- News
- Events (*information about workshops, conferences, work meetings*)
- Articles
- Publications (*information about published books, brochures, monographs, etc.*)
- Periodicals (*information about published journals and newspapers*)
- Information products
- Water economy history
- Brief information about the Network's members (profiles)



NWO EECCA web-site

2.3. Preparation and publication of the collection of scientific papers

According to the Terms of Reference, the scientific papers were collected from the members of NWO EECCA and then their collection was composed and published under the title “Water, Energy, and Food Security in the EECCA Countries: Problems and Solutions”.



The collection contains the following articles:

Addressing Water Security Problems in the Multipurpose Water Use and Protection Plan
(Russia's Northern rivers case-study)

N.B.Prokhorova, Ye.A.Pozdina

Developing an Economic Mechanism for Efficient Agricultural Water Use in Russia

V.N.Krasnoshchekov

Land Reclamation - an Essential Factor of Food Security in Russia

N.A.Sukhoy

Water in the XXI Century: Standards of Relations in order to Achieve Water Security

V.I.Sokolov

A Role of Water Diplomacy in Ensuring Water Security: Review of Present Practices

D.R.Ziganshina

Decision Support System in the Water-Environmental Sector of the Aral Sea Basin

I.F.Beglov, A.G.Sorokin

Addressing Food, Water and Energy Security via Improvement of Water Transportation
Reliability

S.Bazurin, A.Berezin

An Effect of Global Climate Change on Soil Fertility in Southern Ukraine

V.V.Morozov, N.B.Beznitskaya, O.V.Morozov

The Unique Water Capacity for the benefit of Russia

M.Ya.Lemeshev, A.A.Maksimov, B.S.Maslov

Resource-Saving Regime of Irrigated Land under Complex Hydrogeological Conditions
(Case-Study of the Ukraine's Krasnoznamenskiy Scheme)

V.V.Morozov, A.I.Bulygin

Status of Water Resources in the Belarus part of the Neman River Basin

M.Yu.Kalinin

Forecasting Runoff of the Neman Basin Rivers in order to Develop Climate Adaptation
Measures

V.N.Korneyev, L.N.Gertman, A.A.Voltchek, S.Koppel, N.Denisov

Issues of Water Security in the Russian Federation

V.A.Volosukhin

Monitoring as an Integral Part of Water-Environmental Security in the Transboundary
Severski Donets River Basin
S.I.Trophantchuk, V.N.Zhuk

Water Security in RF's constituent entity (Stavropol Territory Case-Study)
Ya.V.Volosukhin

About Elaboration of the Draft Water Code of Uzbekistan
Yu.Kh.Rysbekov

Topical Issues of the Water Sector in the Republic of Kazakhstan
M.Narbaev, G.Ismailova

Water and Energy Security in the Republic of Armenia
A.Davoyan

General and Specific Water Uses: About Clear Definition of their Legal Substance
Yu.R.Avazbek

Present-Day Aspects of the Scientific and Technological Development in the Water Sector
in Kazakhstan
M.Narbaev

Forecasting Salt Regimes of Irrigated Land in Mughano-Salyan Scheme
M.F.Kurbanov

Safety Aspects of Hydraulic Structures in the System of Monitoring of Large Reservoir
Hydroschemes in Uzbekistan
F.Sh.Shaazizov

Facilities Preventing Incipient Damage from Floods
V.A.Volosukhin, A.I.Tishchenko, A.A.Vinokurov

Study of the Current Hydrological and Hydrochemical Regimes in the Amudarya River for
Achievement of Hydro-environmental Safety
E.I.Tchembarisov, A.B.Nasrulin, T.Yu.Lesnik

Closed Irrigation-Drainage System for Sub-soil Irrigation and Drainage of Tilled Crops
under Increasing Water Scarcity
V.N.Berdyanski, V.V.Berdyanski

"Polluter Pays" (?)
Yu.R.Avazbek

2.4. Development of the Knowledge Base

As was mentioned at the Conference in November 2013, the NWO EECCA is a knowledge-based system of water economy in the Eastern Europe, Caucasus, and Central Asia. Therefore, the knowledge base is an important component of this system.

The CAWater-Info portal contains an extended knowledge base on water resources, ecology, and associated sectors in context of issues faced in the Aral Sea basin. The knowledge base includes the following sections:

- Thematic knowledge bases on individual fields of knowledge:
 - “Land and water resources use in the Aral Sea Basin” (www.cawater-info.net/bk/water_land_resources_use/)
 - “Integrated water resources management: Central Asian experience” (www.cawater-info.net/bk/iwrm/)
 - “International and national water law” (www.cawater-info.net/bk/water_law/)
 - “Land law” (www.cawater-info.net/bk/land_law/)
 - “Land reclamation and irrigated agriculture” (www.cawater-info.net/bk/improvement-irrigated-agriculture/)
 - “Waterworks safety” (www.cawater-info.net/bk/dam-safety/)
 - Knowledge bases on Amudarya, Syrdarya, Zerevshan, Karadarya, and Chirchik river basins (www.cawater-info.net/bk/)
 - “Gender and water” (www.gender.cawater-info.net/knowledge_base/)
 - Knowledge base on Afghanistan (www.cawater-info.net/afghanistan/knowledge-base.htm)
 - “Water quality” (www.cawater-info.net/water_quality_in_ca/knowledgebase.htm)
- Knowledge tools
 - Bibliographic database “Land and water resources use in the Aral Sea Basin” (www.cawater-info.net/biblio/)
 - Glossaries on water law, water economy, gender, land law, waterworks safety, climate change, and draft regional agreements (www.cawater-info.net/bk/glossary/)
- E-library (www.cawater-info.net/library/)
- Reviews (www.cawater-info.net/review/)
- Study materials for the training course “Capacity Building for Integrated Water Resources Planning and Management in Central Asia” (www.cawater-info.net/training/)

In order to organize the information contained in the knowledge base and make information search easier by using the key words, the CAWater-Info portal's knowledge base **rubricator** (www.cawater-info.net/bk/rubricator.htm) was developed in 2013. The rubricator is formed according to the "tree of knowledge" and can be used for both theoretical research and practical task purposes.

The knowledge base and its rubricator are expandable resources built on the basis of expertise as inquiries occur and relevant information materials included. Currently¹ the rubricator consists of 15 sections:

- (1) Water resources
- (2) Water resources use
- (3) Agriculture
- (4) Land reclamation
- (5) Land degradation and desertification
- (6) Hydroecology
- (7) Climate change
- (8) Water governance and management
- (9) Water law and policy
- (10) Economic and financial aspects
- (11) Water and education
- (12) Water ethics
- (13) Sustainable development, green growth, and security
- (14) Gender and gender policy

The project contributed to the improvement of the knowledge base rubricator, including the English version.

3. Lessons learnt

A common and generalizing knowledge base of water-management organizations in the EECCA region is needed for effective development and successful integration of NWO EECCA. In this context, further activities in the NWO EECCA should be directed towards the development of knowledge bases and hubs.

¹ By the beginning of February 2014

Program

Conference of EECCA water-management organizations

“Community of water professionals - a framework for interstate water cooperation”

Venue - VNIIGiM named by A.N.Kostyakov,
Bolshaya Akademicheskaya str, 44/2, Moscow

Opening remarks by P.A.Polad-Zade, EECCA Network President

Welcoming remarks

- N.A.Sukhoy, Chairman of Conference Organizing Committee, President of the Russian Union of Water and Land Reclamation Professionals
- P.V.Semyonov, Deputy Minister of Agriculture, Russian Federation
- M.V.Seliverstova, Head of Federal Agency “Rosvodresursy”
- J-F Donzier, INBO Executive Secretary

Reports

P.A.Polad-Zade
President, EECCA Network

Issues in land reclamation and water management in EECCA countries and challenges facing the water community

V.A.Dukhovny
Executive Secretary, EECCA Network

Final resolutions of the INBO World General Assembly and the tasks of EECCA Network

B.M.Kizyaev
Director, VNIIGiM

About scientific support of the programs for land reclamation and water-management system development in the Russian Federation

S.R.Ibatullin
Vice-Chair, Implementation Committee of the UNECE Water Convention

Enhancement of transboundary cooperation: about EC IFAS activities over 2009-2012

D.V.Kozlov
Chancellor,
Moscow State University of Environmental Engineering

About program for development of water knowledge bases in EECCA

B. Libert
Regional Advisor for Environment, UNECE

Challenges in the development of transboundary water cooperation in the ECE region

V.I.Sokolov
Regional Coordinator, GWP CACENA

About the Program of Global Water Partnership for Caucasus and Central Asia for 2014-2016

Speeches by the conference participants Armenia, Byelorussia, Kazakhstan, Kyrgyzstan, Moldova, Tajikistan, Turkmenistan, Uzbekistan, and Ukraine:

V.A. Stashuk (Chairman, State Water Resources Agency, Ukraine) - **The Current State and Prospects of Water Resources Management in Ukraine**

A.Sh. Djailoobayev (First Deputy Director General, Department for Water Resources and Land Reclamation, Ministry of Agriculture and Land Reclamation, Kyrgyz Republic) - **Water Sector in the Kyrgyz Republic**

Speech by B.K.Ruziboev (Deputy Head, Central Water Resources Administration, Ministry of Agriculture and Water Resources, Republic of Uzbekistan)

N.B. Prokhorova (Director, Russian Water Research Institute, Russia) - **Cooperation among Water Research Institutions in Russia and EECCA Countries**

M.Kh. Khamidov (Head, BWO Syrdarya, Uzbekistan) - **Lessons from Implementation of Automated Water Control and Monitoring in BWO Syrdarya**

A.M. Nazariy (Chief Engineer, BWO Amudarya, Uzbekistan) - **BWO Amudarya about Water Security Issues in the Amudarya River Basin**

Ya.E. Pulatov (Senior Researcher, Institute of Water, Hydropower and Ecology, Tajikistan Academy of Sciences, Tajikistan) - **Water Conservation - Basis of IWRM in Tajikistan**

L. Kiktenko (Expert, REC CA, Kazakhstan) - **Promoting Small Transboundary Basin Cooperation in Central Asia**

G.Nurmukhammedova (Expert, Analytical Agency “Ynanch-Vepa”, Turkmenistan) - **The Current State and Prospects of IWRM in Turkmenistan**

List of participants
International Conference of EECCA water-management organizations

Russia

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3. M.V.Seliverstova, Head of Federal Agency “Rosvodresursy”, water@favr.ru
4. B.M.Kizyev, Director, VNIIGim named by A.N.Kostyakov, mail@vniigim.ru
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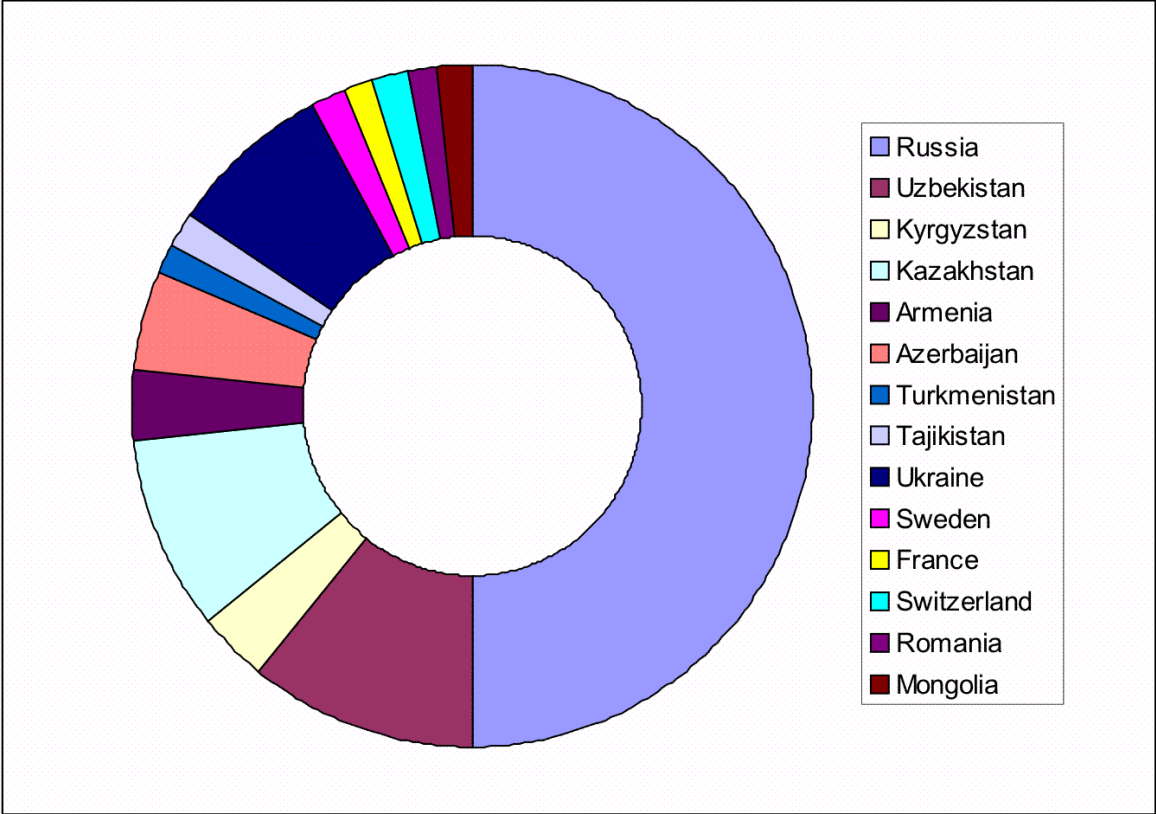
Romania

63. E. Cserwid, Europe-INBO Technical Secretariat

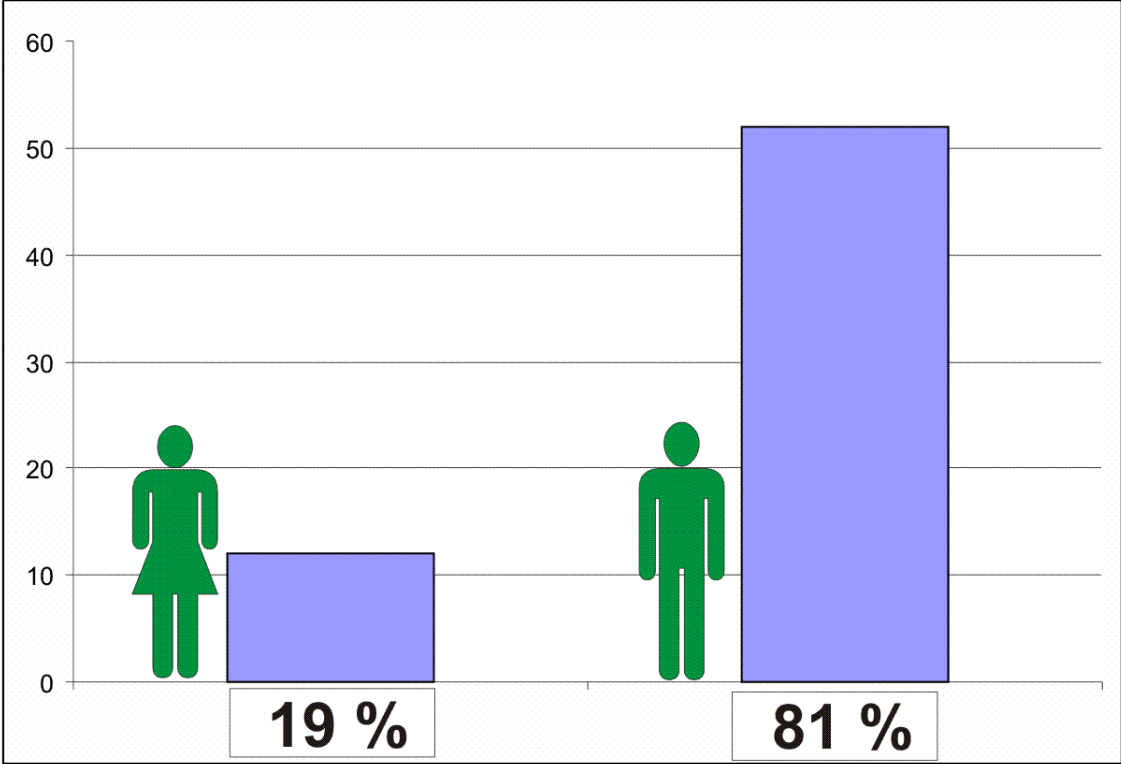
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Conference participants by countries



Conference participants by gender



Annex 4

Members of the Network of (basin) water-management organizations from Eastern Europe, Caucasus, and Central Asia

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6	Association of enterprises of water supply and sanitation of the Republic of Kazakhstan - "Kazakhstan Su Arnasy"	Syundyukov Valeriy Vladimirovich- prezident Syundukova Yevgenia – chief editor of journal "Water resources and water use"	kazsu@astanainfo.kz Syundyukova_e@mail.ru www.kazsu.astanainfo.kz	7 (7172) 37 67 54 7 (7172) 37 66 85 cell.: 7 (701) 544 59 45 cell.: 7 (701) 552 88 32	Prospect Abaya 103, P.O. box 1050, Astana, 010008, Kazakhstan
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43	OOO Publishing house «Ecomedia», Water Journal	Shiryayeva Marina – Director General	info@watermagazine.ru http://www.watermagazine.ru	Phone: (495) 380 11 48 Fax: (495) 380-20-18	b.2, Golovinskoye road 8, Moscow, 125212, Russia
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46	Non-profit partnership "Union of Water Users"	Grishin Vladimir Leonidovich - Director General	grishin0906@mail.ru	+(985) 369 32 34	Off.210, str 2, b.4, Sosnovaya avenue, Zelenograd, Moscow 124489
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55	«Partnership of Polesie Researchers» OO «Dream Life»	President of «Dream Life» Corresponding member Bazurinu Sergei Alexandrovich Responsible executor, project officer Yuri Krakhmalyuk	d.l.polissja@gmail.com yuriy.ecohome@mail.com	+38-096-446-66-42	Grushevskogo 40-a/53, Rovno, Ukraine
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58	Intexnauca S.A.	Shandrovsky V.A. – Director General	office@int.md www.intexnauca.com www.itn.md	Phone: 373 22 227506 Fax: 373 22 221615	V.Alexandria, 64, Kishinev, MD 2012, Republic of Moldova
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59	Design and technological institute "Hydrological automation and metrology" (PKTI «Wodavtomatika & metrologiya »)/ Coordination metrological center of ICWC (CMC ICWC)	Makarov Oleg Stepanovich - director	pkti@elcat.kg www.icwc-aral.uz/cmc_ru.htm	Phone. (996 312) 54 11 50 Fax (996 312) 54 11 59	Toktonaliyeva str., 4a, Bishkek, 720055, Kyrgyz Republic
60	KyrgyzNIirrigatsiya – Kyrgyz Irrigation Research Institute	Kulov Kuvanychbek Mukanbetovich	kulov@elcat.kg	Phone. (996 312) 54 11 68 Fax (996 312)54 09 75	Toktonaliyeva str., 4a, Bishkek, 720055, Kyrgyz Republic
61	Department for Water Resources and Land Reclamation (DWR) at the Ministry of Agriculture and Land Reclamation, Kyrgyz Republic	Tashtanaliev K.Zh. – Director General		Phone. 54-90-95 Fax 54-90-94	Toktonaliyeva str., 4a, Bishkek, 720055, Kyrgyz Republic
62	Choo basin water administration	Devyatkulov R.Zh. - Head		Phone: 0312-483129 Fax: 0312-483154	Kirpichnaya 71, Bishkek, 720045, Kyrgyz Republic
63	Naryn basin water administration	Sokeyev A.Sh. - Head		Phone: 03522-50867 Fax: 3522-51972	Lenin 188, Naryn, 722600, Kyrgyz Republic
64	Talass basin water administration	Batyrkulov B. - Head		Phone: 03422-52827 031254-90-79 Fax: 03422- 53400	1 st of May, 212, Talas, 722720, Kyrgyz Republic
65	Issyk-Kul basin water administration	Kaidulatov B.K. – Head		Phone: 03922-31295 Fax: 03922-31729	Prjevalskiy 123, Karakol, 722360, Kyrgyz Republic
66	Orto-Tokoi Reservoir Authority	Ozubekova T.S. - Head		Phone: 03944-51430 Fax: 03944-50015	UOV, Orta-Tokoy village, Issyk-Kul province, 720230, Kyrgyz Republic
67	Batken basin water administration	Shukurov Zh. - Head		Phone: 03622-5-01-56 Fax: 03622-50688	Batken BUVH, Batken, 715100, Kyrgyz Republic
68	Jalal-Abad basin water administration	Anarkulov B.K. - Head		Phone: (03722) 5-51-49 Fax: (03722) 5-24-43	Moghol 4, Jalal-Abad, 715600, Kyrgyz Republic
69	Kirov Reservoir Authority	Birimkulov A.A. - Head		Phone: 03459-6-00-13 0312-29-67-12 Fax: 03459-6-00-13	UKV. Chon-Kapka village, 724004, Kyrgyz Republic
70	Papan Reservoir Authority	Tadjibaev K.E. - Head		Phone: 03222-34628 Fax: 03222-78395	UPV, Zainabedinova 4, Osh, 714024, Kyrgyz Republic

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71	Osh basin water administration	Abibillaev P.A. - Head		Phone: 03222-5-76-25 Fax: 03222-5-91-72	Kurmanjan Datka, 234, Osh, 714000, Kyrgyz Republic
72	Land Reclamation and Hydrogeological Field Office	Askarov A.B. - Head		Phone: 0312-367468 Fax: 0312-367186	Polevaya 1, Alamedin village, Choo province, 722191, Kyrgyz Republic
73	Kyrgyz branch of SIC ICWC	Mamataliev Nurgazy Patyidinovich		(996 312) 54 60 96 cell. (996 555) 28 11 09	Toktonaliyeva str., 4a, Bishkek, 720055, Kyrgyz Republic
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74	Regional Environmental Center for Caucasus (REC Caucasus)	Melek Shukyurova- Director	info@rec-caucasus.org	Phone/Fax (99532) 25 36 48 (99532) 25 36 49	Chavchadze avenue, 23, floor 2, Tbilisi, 0179, Georgia
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75	Agency for Water Resources Management at the Ministry of Environmental Conservation, Republic of Armenia	Narimanyan Volodya Georgievich - Head, Davoyan Araksya - contact person	narimanyan59@mail.ru	Phone: +37410 54 08 67 Fax: +37410 54 08 67 (37477) 426 640	Dom Pravitelstva 3, Republic Square, Yerevan, 0010, Republic of Armenia