




I S T A N B U L
INTERNATIONAL
WATER FORUM



**2nd ISTANBUL INTERNATIONAL
WATER FORUM**

PROGRAMME BOOK





2nd Istanbul International Water Forum
Programme Book

2011

Design by Idil YILMAZ, Forum Secretariat



Dear Water Friends,

In March 2009, we organized the 5th World Water Forum in Istanbul at the Halic Congress Centre with great attendance and enthusiasm. Experts, mayors, parliamentarians, bureaucrats, technicians and academicians from around the world addressed the various aspects of water and tried to put forward water-related problems and solutions. The Forum acted as a platform for the creation of bridges, compromises and friendship between people, cultures and ideas.

We are deeply proud to have organized such a meaningful and successful event in Istanbul, a city integrated with water as a scene for many civilizations throughout its history. Our colleagues abroad also speak highly of the success of the 5th World Water Forum and its consequences.

Believing that the sharing of this vast accumulation of knowledge with the whole world would be very beneficial, we have decided to create a transparent and participatory platform with technical, scientific and social aspects, that is the organization of the Istanbul International Water Forum as a periodic event to be organized every three years.

As one of the three main components of the 2nd Istanbul International Water Forum, the Thematic Process will deal with six main subjects namely, technical cooperation, energy, agriculture, climate change, urban water management, water resources management and water culture. The Political Process will involve the meeting of high-level representatives from Turkey and the surrounding countries to discuss the issue of “Regional Cooperation for Water”. The Regional Process will tackle the regional water-related issues in Turkey and countries within the Forum’s focal regions and seek for ways of regional cooperation. The Forum will be a good opportunity to improve our ability to understand different viewpoints and develop alternative solutions related to water. It will also enable the sharing of projects for the protection and development of water resources, as Turkey is carrying out a wide variety of world-competitive studies ranging from water supply to forestation, from irrigation to clean energy production.

Turkey has made great progress in food and energy fields, which are among the high priority agenda items of the United Nations Millenium Development Goals, and will demonstrate the importance of water as a locomotive force in development by completing the target of “regional development projects” until 2023 through raising the level of citizens’ welfare.

The role of water in the establishment and development of civilizations is incontestable. However, water can sometimes have a harmful influence on mankind causing loss of lives and property. The most recent example is the loss that was caused by the giant tsunami waves that occurred after the earthquake in Japan. Given this situation, the development of environmentally-friendly technologies and raising everyone’s awareness about water and the environment is a human duty.

I believe that the 2nd Istanbul International Water Forum will be a means to increase the public sensitivity towards water and produce valuable outcomes to be passed on to the 6th World Water Forum that will be held in 2012 in France. By working together in a more goal-oriented and consistent manner, those that were bridged in Istanbul can find solutions in Marseilles.

Wishing to have a successful Forum, I wish all the participants to spend a pleasant time in Istanbul.

Be precious like water.

Prof. VeySEL EROĞLU

Minister of Environment and Forestry of Turkey



Our ancestors have aphoristically expressed the vital importance of water for the maintenance of life by saying “be mighty as water”. The Earth created on a sense of balance has witnessed a change in the balance as a result of a series of human impacts throughout the centuries. Such a change has produced, in parallel with the current climate changes, one of the biggest threats against the next decades. That threat is the gradual decrease in water resources. The search for employing water resources in the most efficient way is now at the top of the world agenda.

The 5th World Water Forum 2009 took place in Istanbul, the cultural capital that has throughout its history nourished on the fundamental element – water – of all the civilizations built there. The event has been a helpful step for Turkey which is a country of great significance in terms of the world water resources. The 1st Istanbul Water Forum taking place in February 2009 yielded an opportunity to develop a whole different perspective into the issue through local and regional dynamics.

Istanbul Water Forum, the second edition of which we will hold in Haliç Convention and Culture Center on 3-5 May 2011, will be an important process which will not only aim the own requirements of Istanbul Metropolitan Municipality but which will also enable us to share with the participants our experience in searching and providing water resources in the Middle East and Africa. Expansion of the regional area in the 2nd Istanbul Water Forum will ensure that the water problems in Turkey and in the neighborhood will be reflected in the next World Water Forum in the best way and that the objective to this end will be reached.

The 2nd Istanbul Water Forum to be held with the main theme “Regional Water Problems and Search for Solutions - Istanbul Perspective” with a focus on the water related problems of the Middle East, North Africa, Central Asia, Eastern Europe and Turkey will be a peaceful and solution-oriented event which will develop local and regional cooperation for the future of water and which will flourish with international participation.

I hope that all these events will serve for a world where no problems will be faced about “water”, which is the basic requirement of mankind.

Sincerely Yours,

Dr. Kadir TOPBAŞ
Mayor of Istanbul Metropolitan Municipality



An indispensable source for the continuation of our lives, “water” has climbed up to the top of the international agenda due to recent global climate change and growth in population. According to the UN, out of the 188 countries around the world, 50 experience drinking water problems resulting from poor management and unconscious use of water. According to research, the negative impacts of drought are expected to increase as of 2015 and serious health problems will arise by 2025 due to lack of water and sanitation. This situation will increase the importance of “water” and prepare the grounds for the formation of future water-related discussions. To avoid such a situation, it is a human duty for all water-related stakeholders to fulfill their responsibilities within the framework of sustainability.

It should be noted that water, as well as posing a threat for dispute, can be an effective instrument for the development of cooperation amongst states. In this context, various events are organized both on national and international levels across the world to highlight water as a tool for collaboration and find solutions to water-related problems. The most prominent of these events is the World Water Forum, the 5th of which was held in Istanbul, Turkey on 16-22 March 2009. The successful organization of the 5th World Water Forum demonstrated the active involvement of Turkey in water issues.

As is known, the 1st Istanbul Water Forum took place on February 2009 as a preparatory meeting prior to the 5th World Water Forum. It was then decided to organize this Forum as a periodic event held every three years with an aim to pass on the information and experience obtained during the organization of the 5th World Water Forum to future generations.

With its thematic, regional and political components, the 2nd Istanbul International Water Forum will mainly address issues such as water-related technical cooperation, energy, agriculture, climate change, urban water management, water resources management and water culture, and seek for solution proposals in line with its motto *“An Istanbul Perspective on Regional Water Challenges and Solutions”*.

Similar to our past experiences, the 2nd Istanbul International Water Forum is aspired to be a successful organization with the highest level of participation. All kinds of thematic, regional and political contribution is of prime importance for us to take significant steps towards “Regional Cooperation for Water”.

On behalf of myself and my institution, I would like to sincerely thank all Forum participants and those contributed to organization of the Forum.

İsmail UĞUR

Deputy Secretary General

General Directorate of State Hydraulic Works (DSİ)



As one of our most basic needs, water has enabled civilizations to develop and cultures and economies to connect for centuries. Today, water is an indispensable element in our struggle to end hunger and poverty, achieve food security and sustain all kinds of economic and social development. It follows that all countries share a common responsibility to overcome water related challenges.

Instead of top-down and “one-size-fits-all” solutions that disregard indigenous needs, we need to prioritize region-specific solutions. As such, regional decision makers and water administrators have much to gain by coming together to develop context-specific solutions. Water is of paramount importance in developing regional cooperation based on mutual trust.

Our constantly increasing needs, in addition to the need to preserve water resources, make achieving integrated water management a top priority on the agenda. In this context, water and food security, inadequate infrastructure and issues arising from urbanization and migration are prominent subjects urgently in need of lasting solutions.

It is imperative to achieve food security in the region. Despite the vast agricultural potential of the region, desired results cannot be obtained due to costly and inefficient methods used in irrigation.

The number of water-related disasters is increasing as a result of global climate change. Droughts and floods cause great harm to human lives, infrastructure, shelter and food production. These disasters are great impediments to social development. Regional projects should be developed through international cooperation in order to limit the damage caused by natural disasters as much as possible.

Given the developing nature of the region, rapid population growth and immigration are presenting infrastructure challenges in urban areas. Proposed methods to overcome such infrastructural problems must be economically rational and consider the dynamics of the region. Capacity building is essential in bringing about regional cooperation. Capacity building through institutional, technical and administrative planning is the remedy to solve infrastructure issues, and to ensure access to safe water for all.

In aiming for cooperation, holistic approaches should be promoted, including the participation of practitioners, experts and institutions in the process. In this context, access to knowledge of all stakeholders should be ensured and training for water users and decision makers must be provided. Experience and lessons acquired in earlier projects will lead the way in providing solutions to our common problems.

Issues in our region cannot be resolved on a separate basis. Therefore, the road to mutual benefits will only be possible through sincere dialogue and enhanced cooperation. Hoping that the 2nd Istanbul International Water Forum will produce comprehensive and permanent solutions and serve as a stepping stone towards achieving greater collaboration among countries in the region, on behalf of the Forum Secretariat and myself, I sincerely welcome you to Istanbul.

Sincerely Yours,

Prof. Ahmet Mete SAATÇI
Steering Committee Co-Chair
Forum Secretariat

Table of Contents

On the Way to Becoming a High-Level International Water Event: the Organization Process of the Istanbul International Water Forum	8
Programme Overview	10
Forum Venue	13
Forum Programme	14
Theme 1. Regional Technical Cooperation on Water	16
Theme 2. Water for Energy	18
Theme 3. Agricultural Water Management	21
Theme 4. Global Climate Change and Water	24
Theme 5. Urban Water Management	28
Theme 6. Water Resources Management and Water Culture	32
High Level Panels	38
Regional Focus Meetings	41
Side Events & Special Events	42
Artistic and Cultural Events	47
Water Expo	48
Useful Information on Istanbul	50
The Forum Secretariat	52

On the Way to Becoming a High-Level International Water Event: the Organization Process of the Istanbul International Water Forum

In 2009, Turkey reaffirmed its pivotal role amongst the greatest nations of water with the successful organization of the 5th World Water Forum, which proved to be the largest water-related event ever organized with a record breaking participation of over 30,000 people and made a remarkable impact across the global water community. A vast number of ministers, parliamentarians, local authorities, NGOs and civil society representatives, experts and scientists, UN agencies and professional organizations gathered at the crossroads of continents to discuss and find solutions to water-related challenges of the 21st century. With 111 thematic sessions, 5 high level panels, 7 regional processes and over 100 side events, the Forum strived to “*bridge the divides for water*” through facilitating open and all-inclusive dialogues, which demonstrated that there is in fact more that unites us than divides us.

Among the invaluable thematic and regional outcomes and statements, the political outcome documents of the 5th World Water Forum are especially of great value for the international water community as they provide guidance to shape the global water strategies and actions. The Istanbul Ministerial Statement and the accompanying Istanbul Water Guide, which were circulated as a UN General Assembly document (A/63/852), include critical recommendations and commitments on global water issues and successfully reflect the Forum’s thematic outcomes. The Istanbul Water Consensus, a new compact for local and regional authorities to prepare action plans to analyse and cope with the challenges, asks signatory cities to commit to developing water management strategies suitable to work towards the Millennium Development Goals and to address urbanization, climate change and other global pressures at local level. The Consensus is still open to signature.

The experience we attained, the wisdom we gathered and the aptitude we developed before, during and after the 5th World Water Forum paved the way for the organization of the Istanbul International Water Forum, which is expected to be a means for Turkey to continue this gained synergy. Planned as a periodic event to be organized every three years, the Istanbul International Water Forum is also expected to provide valuable technical and intellectual input to the following World Water Fora.

The first gathering of the Istanbul International Water Forum was realized in February 14-15, 2009 as a preparatory meeting one month prior to the 5th World Water Forum. This year, the 2nd Istanbul International Water Forum is organized as a high-profile international water event aimed at bringing regional and international water stakeholders together to seek common solutions to the regional water-related problems in question. The main organizer of the 2nd Istanbul International Water Forum is the General Directorate of State Hydraulic Works (DSI), with the support of Istanbul Metropolitan Municipality (IBB), Istanbul Water and Sewerage Administration (ISKI) and the 5th World Water Forum Secretariat.

The 2nd Istanbul International Water Forum will provide a platform for greater coordination and collaboration amongst the key international and local water stakeholders *In and Around Turkey*, in line with the Forum’s motto, “*An Istanbul Perspective on Regional Water Challenges and Solutions*”. The focal regions of the 2nd Istanbul International Water Forum, namely the Middle East, Central Asia, Eastern Europe and Turkey, were selected in accordance with the framework of the 5th World Water Forum’s “*In and Around Turkey*” sub-region. Through a number of preparatory meetings held in the Middle East, the Balkans, Central Asia, the Mediterranean and Turkey, the “*In and Around*

Turkey” sub-region provided a platform for the regional stakeholders to address region-specific water challenges and enhanced the collaboration among the region to maximize the regional contribution to the 5th World Water Forum. The 2nd Istanbul International Water Forum aims to continue this momentum, widen the scope of the “*In and Around Turkey*” sub-region and ensure that the water-related issues of this region are better represented at the next World Water Fora.

Instead of a conventional top-down approach, the thematic content of the 2nd Istanbul International Water Forum has been shaped in accordance with the stakeholder recommendations collected through a series of Regional Focus Meetings held for each of the Forum’s focal regions prior to the Forum. Gathering a group of prominent international and regional water professionals and civil society representatives around the table, these Regional Focus Meetings proved to be very fruitful in terms of identifying the main water challenges and possible solutions for each focal region. Another series of such meetings will be held during the Forum itself as closed roundtable meetings, which will focus on the issues that were most highlighted in the first series.

The thematic sessions of the 2nd Istanbul International Water Forum are developed around six main themes, namely:

- Theme 1. Regional Technical Cooperation on Water
- Theme 2. Water for Energy
- Theme 3. Agricultural Water Management
- Theme 4. Global Climate Change and Water
- Theme 5. Urban Water Management
- Theme 6. Water Resources Management and Water Culture

Three High Level Panels (HLP) will be organized under the titles of “**Integrated Water Resources Management (IWRM)**”, “**Water-Food-Energy Nexus**” and “**Urban Water Services**”, which will aim to synthesize the Forum’s thematic and regional points of view on related subjects.

Along with the thematic discussions, there will also be a number of side events organized on various subjects by both national and international organizations such as UN-Habitat, Korean Government and the World Water Council.

We hope this Forum will be a means to find sustainable solutions to water-related challenges in the region and will pave the way on the quest of becoming one of the most prominent water events across the world.

Programme Overview

With 6 themes, 26 thematic sessions, 3 High Level Panels, 4 regional focus meetings, 19 side/special events, concerts, exhibitions, technical tours and field visits, the 3-day programme of the 2nd Istanbul International Water Forum is quite busy. The Programme Overview provides a day-by-day outlook to Forum components and the colour codes assigned to different themes will help you to follow a particular topic and create your schedule accordingly.

-  **Theme 1. Regional Technical Cooperation on Water**
-  **Theme 2. Water for Energy**
-  **Theme 3. Agricultural Water Management**
-  **Theme 4. Global Climate Change and Water**
-  **Theme 5. Urban Water Management**
-  **Theme 6. Water Resources Management and Water Culture**
-  **Plenary**
-  **High Level Panel**
-  **Side Event**
-  **Special Event**
-  **Regional Focus Meeting**

Tuesday May 3rd, 2011

Morning	Event Type	Time	Room	Page
Opening Ceremony	Plenary	10.00 -13.15	Halic Hall	

Lunch

How to Prepare the Next World Water Forum of Marseille – France, 12-17 March 2012?	Side Event	13.30 -14.30	9	42
--	------------	--------------	---	----

Afternoon

Regional Technical Cooperation on Water I	Session 1.1	14.00-15.45	1	17
Regional Technical Cooperation on Water II	Session 1.2	16.15-18.00	1	17
Theme 1 Wrap-Up	Wrap-Up Session	18.15-18.45	1	17
Hydrometeorological Disasters	Session 4.1	14.00-15.45	2	25
Water Resources and Climate Change	Session 4.2	16.15-18.00	2	25
Theme 4 Wrap-Up I	Wrap-Up Session	18.15-18.45	2	27
IWRM - Surface Water Resources	Session 6.1	14.00-16.00	3	33
Water & Culture I	Session 6.3	14.00-15.45	4	35
IWRM - Groundwater Resources	Session 6.2	16.15-18.00	3	34
Water & Culture II	Session 6.4	16.15-18.00	4	35
Theme 6 Wrap-Up	Wrap-Up Session	18.15-18.45	3	37
Women and Water Policies	Side Event	14.00-15.45	5	43
Strategy for Adaptation to Climate Change Impacts in the Red Sea and Gulf of Aden Region	Side Event	16.15-18.00	5	43
Water-Related Adaptation in Seyhan River Basin under Changing Climate	Side Event	16.15-18.00	8	43
Turkey Focus Meeting	Closed Meeting	14.00-18.45	6	41
Central Asia Focus Meeting	Closed Meeting	14.00-18.45	7	41

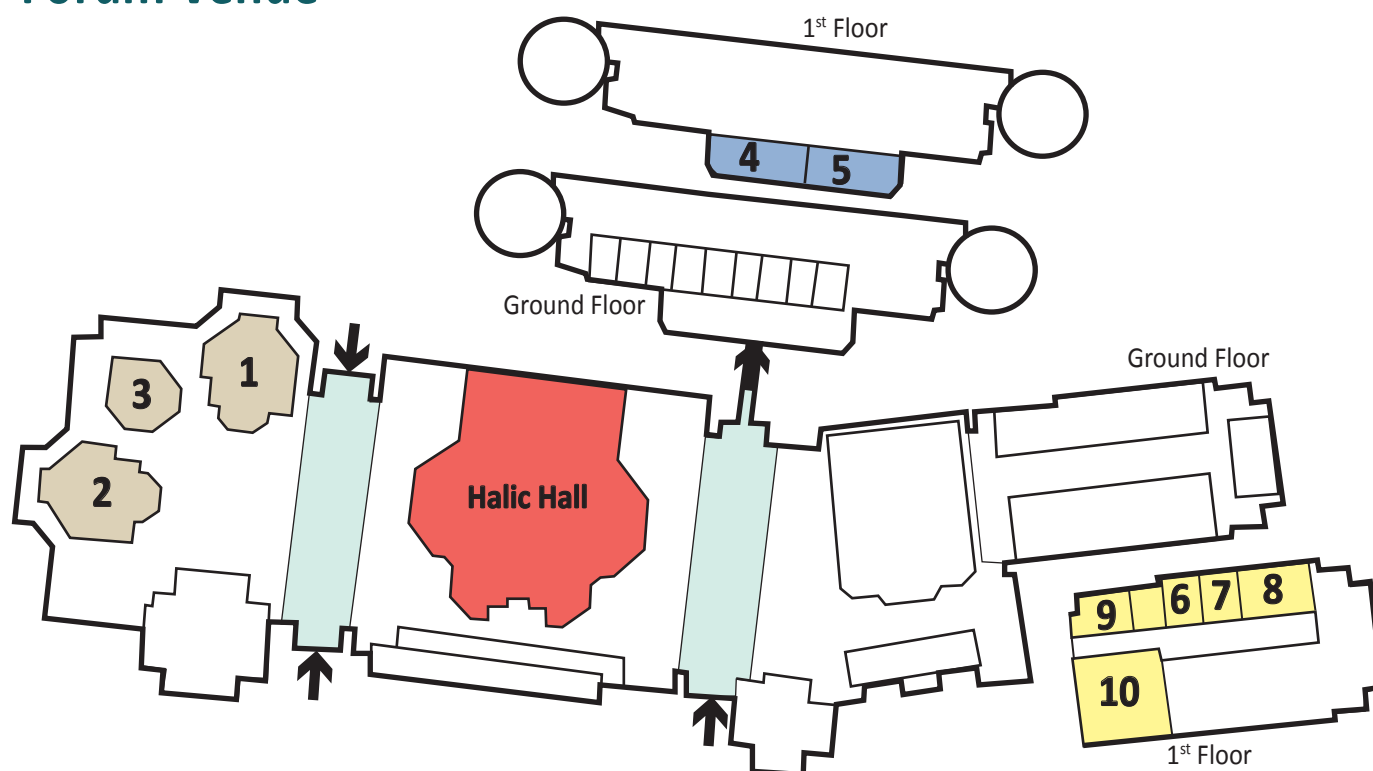
Wednesday May 4th, 2011

Morning	Event Type	Time	Room	Page
Integrated Water Resources Management	High Level Panel	09.00 -13.15	Halic Hall	39
Development of Water Energy Potential: Legislation & Policies	Session 2.1	09.00-10.45	1	19
Interactions Between Water, Energy and Environment	Session 2.2	11.15-13.15	1	19
Irrigation Management Practices	Session 3.1	09.00-10.45	2	22
Irrigation Structures: Challenges & Solutions	Session 3.2	11.15-13.15	2	22
Geothermal Energy & Water Culture I	Session 6.5	09.00-11.15	3	36
Geothermal Energy & Water Culture II	Session 6.6	11.15-13.15	3	37
Urban Water Challenges around the World and in Turkey	Session 5.1	09.00-10.45	9	29
Solutions Related to Wastewater	Session 5.2	11.15-13.00	9	29
Water and Forest: Role of Biotic Regulation of Water in Continent	Side Event	09.00-10.45	4	43
Water Framework Directive: Implementations in EU and Turkey	Side Event	09.00-10.45	5	44
Productivity in Water Use	Side Event	09.00-12.00	6	44
PPP Model and the Management of Water Resources: Experiences & Suggestions	Side Event	09.00-11.00	7	44
Effects of Climate Change on Water Resources, Its Consequent Socio-Economic Burden on Women and Regional Solution Alternatives	Side Event	09.00-12.00	8	44
Innovation and New Technologies	Side Event	11.15-12.30	4	45
Turkish-Dutch Cooperation on Water, Agriculture and Innovation	Side Event	11.15-13.15	5	45
Afternoon	Event Type	Time	Room	Page
Challenges and Solutions on the Development of Water Energy	Session 2.3	14.00-18.00	1	20
Theme 2 Wrap-Up	Wrap-Up Session	18.15-18.45	1	20
Much, Less or Virtual Water?	Session 3.3	14.00-15.45	2	23
Is Participatory Irrigation Management (PIM) a Dream?	Session 3.4	15.45-18.00	2	23
Theme 3 Wrap-Up	Wrap-Up Session	18.15-18.45	2	23
Urban Adaptation to Climate Change and Water Resources	Session 4.3	14.00-15.45	4	26
Water and Tourism	Session 4.4	16.15-18.00	4	27
Theme 4 Wrap-Up II	Wrap-Up Session	18.15-18.45	4	27
Urban Wastewater Management I	Session 5.3	14.00-15.45	3	30
Urban Wastewater Management II	Session 5.4	16.15-18.00	3	30
Urban Domestic Water Management I	Session 5.5	14.00-15.45	10	31
Urban Domestic Water Management II	Session 5.6	16.15-18.00	10	31
Theme 5 Wrap-Up	Wrap-Up Session	18.15-18.45	3	31
"Matchmaking" E-Tools: Bringing Water Utilities from South Eastern Europe Together	Side Event	14.00-15.45	9	45
Water as an Engine for Growth: Case Studies Examining the Links between Water and Green Growth	Side Event	14.00-16.00	8	45
Water Issues and Case Studies in Turkey	Special Event	14.00-18.45	5	45
Eastern Europe Focus Meeting	Closed Meeting	14:00-18:45	6	41
Middle East Focus Meeting	Closed Meeting	14:00-18:45	7	41

Thursday May 5th, 2011

Morning	Event Type	Time	Room	Page
Water-Food-Energy Nexus	High Level Panel	09.00-13.15	Halic Hall	40
Urban Water Services	High Level Panel	09.00-10.45	Halic Hall	40
Operation and Maintenance Practices in Agricultural Water Management	Side Event	09.00-13.15	1	46
UN-Habitat WOP-SEE Steering Committee Meeting	Side Event (Closed)	09.00-12.00	5	
Inbogazi Cave and Studies on Creating a New Habitat for Bats	Side Event	11.15-13.00	4	46
Istanbul Water Consensus and Istanbul Practices: Wastewater Management Systems, Reuse Implementations, Water Losses and Leakages	Special Event	09.00-13.15	2	46
Closing	Plenary	13.15-14.00	Halic Hall	

Forum Venue



The Halic Congress Centre is located on the coast of Halic (the Golden Horn) amongst Istanbul's most popular and historic sites and buildings. It is within 20 min. distance from Ataturk International Airport, 7 min. distance from the city centre and 5 min. distance from the Historic Peninsula of Istanbul.

The building is the former Sutluce slaughterhouse dated 1923, renovated with additions to serve as a congress and performing arts center. After the slaughterhouse was moved to the city's periphery, the building was used as a storage facility until the 1990s. It is considered to be the historic landmark of Halic.

Forum Programme



Block		MAIN BLOCK	THEMATIC BLOCK I			THEMATIC BLOCK II
Room Name		HALIC	KAGITHANE	EYUP	AYVANSARAY	AYNALIKAVAK I
Room No.			1	2	3	4
Day 1 - Tuesday May 3, 2011	08:30-09:30	REGISTRATION				
	09:30-10:00	INSTRUMENTAL TURKISH CLASSICAL MUSIC				
	10:00-13:15	OPENING CEREMONY				
	LUNCH 13:15-14:00					
	14:00-15:45		REGIONAL TECHNICAL COOPERATION ON WATER I	GLOBAL CLIMATE CHANGE & WATER "Hydrometeorological Disasters"	WATER RESOURCES MANAGEMENT "IWRM - Surface Water Resources"	WATER RESOURCES MANAGEMENT "Water & Culture I"
	16:15-18:00		REGIONAL TECHNICAL COOPERATION ON WATER II	GLOBAL CLIMATE CHANGE & WATER "Water Resources & Climate Change"	WATER RESOURCES MANAGEMENT "IWRM - Groundwater Resources"	WATER RESOURCES MANAGEMENT "Water & Culture II"
	18:15-18:45		THEME 1 WRAP-UP	THEME 4 WRAP-UP	THEME 6 WRAP-UP	
	19:00-20:00	ISTANBUL LIVE PRODUCTION MUSICAL PERFORMANCE				
	Day 2 - Wednesday May 4, 2011	09:00-10:45	HIGH LEVEL PANEL "Integrated Water Resources Management"	WATER FOR ENERGY I "Development of Water Energy Potential: Legislation & Policies"	AGRICULTURAL WATER MANAGEMENT I "Irrigation Management Practices"	WATER RESOURCES MANAGEMENT "Geothermal Energy & Water Culture I"
11:15-12:30		WATER FOR ENERGY II "Interactions between Water, Energy and Environment"		AGRICULTURAL WATER MANAGEMENT II "Irrigation Structures: Challenges & Solutions"	WATER RESOURCES MANAGEMENT "Geothermal Energy & Water Culture II"	SIDE EVENT: "Innovation & New Technologies" (Private entrepreneurs)
12:45-13:15						
LUNCH 13:15-14:00						
14:00-15:45			WATER FOR ENERGY III "Challenges & Solutions on the Development of Water Energy"	AGRICULTURAL WATER MANAGEMENT III "Much, Less or Virtual Water?"	URBAN WATER MANAGEMENT III "Urban Wastewater Management I"	GLOBAL CLIMATE CHANGE & WATER "Urban Adaptation to Climate Change and Water Resources"
16:15-18:00				AGRICULTURE WATER MANAGEMENT IV "Is Participatory Irrigation Management (PIM) a Dream?"	URBAN WATER MANAGEMENT IV "Urban Wastewater Management II"	GLOBAL CLIMATE CHANGE & WATER "Water & Tourism"
18:15-18:45				THEME 2 WRAP-UP	THEME 3 WRAP-UP	THEME 5 WRAP-UP
19:00-20:00		DOSTANE MUSICAL PERFORMANCE				
Day 3 - Thursday May 5, 2011		09:00-10:45	HIGH LEVEL PANEL "Water-Food-Energy Nexus"	SIDE EVENT: "Operation and Maintenance Practices in Agricultural Water Management " (DSI)	SPECIAL EVENT: "Istanbul Water Consensus and Istanbul Practices: Wastewater Management Systems, Reuse Implementations, Water Losses and Leakages" (ISKI)	HIGH LEVEL PANEL "Urban Water Services"
	11:15-12:30					
	12:45-13:15					
	13:15-14:00	CLOSING				
	14:00-18:00	TOURS & FIELD VISITS				
THEMES		Theme 1. Regional Technical Cooperation on Water Theme 2. Water for Energy Theme 3. Agricultural Water Management Theme 4. Global Climate Change and Water Theme 5. Urban Water Management Theme 6. Water Resources Management and Water Culture				

THEMATIC BLOCK II	THEMATIC BLOCK III				
AYNALIKAVAK II - III	KASIMPASA II	KASIMPASA III	KASIMPASA IV - V	HASKOY	BALAT
5	6	7	8	9	10
				SIDE EVENT: "How to Prepare for the Next World Water Forum" (World Water Council)	
SIDE EVENT: "Women and Water Policy" (Soroptimist Int'l Turkey and BPW)	TURKEY FOCUS MEETING (Closed Meeting)	CENTRAL ASIA FOCUS MEETING (Closed Meeting)			
SIDE EVENT: "Strategy for Adaptation to Climate Change Impacts in the Red Sea and Gulf of Aden Region" (PERSGA)			SIDE EVENT: "Water-Related Adaptation in Seyhan River Basin under Changing Climate" (UN Joint Programme)		
SIDE EVENT: "Water Framework Directive" (Ministry of Environment and Forestry of Turkey)	SIDE EVENT: "Productivity in Water Use" (National Productivity Centre)	SIDE EVENT: "PPP Model and the Management of Water Resources" (ACTECON Consultancy)	SIDE EVENT: "Effects of Global Climate Change on Water Resources" (Women & Water Platform of Turkey)	URBAN WATER MANAGEMENT I "Urban Water Challenges around the World and in Turkey"	
SIDE EVENT: "Turkish-Dutch Cooperation" (Dutch Ministry of Economic Affairs, Agriculture & Innovation)				URBAN WATER MANAGEMENT II "Solutions Related to Wastewater"	
SPECIAL EVENT: "Water Issues and Case Studies in Turkey" (DSI)	EASTERN EUROPE FOCUS MEETING (Closed Meeting)	MIDDLE EAST FOCUS MEETING (Closed Meeting)	SIDE EVENT: "Water as an Engine for Growth" (Korean Government (MLTM, PCGG, K-Water) and World Water Council)	SIDE EVENT: "Matchmaking E-Tools" (GWOPA/UN-Habitat)	URBAN WATER MANAGEMENT V "Urban Domestic Water Management I"
					URBAN WATER MANAGEMENT VI "Urban Domestic Water Management II"
DOSTANE MUSICAL PERFORMANCE					
SIDE EVENT: UN-HABITAT WOP-SEE Steering Committee Meeting (Closed Meeting)					
TOURS & FIELD VISITS					

Theme 1.

Regional Technical Cooperation on Water

Water is strongly related to most of the Millennium Development Goals (MDGs) directly or indirectly. Water availability and access to safe water and sanitation is a prerequisite for the achievement of many of the internationally-agreed development goals. Water is of vital importance for reducing poverty and hunger. Integrated Water Resources Management (IWRM) is essential for ensuring environmental sustainability and the well-functioning of ecosystems. However, it is not appropriately implemented in many parts of the world. In this context, what role governments, international organizations and NGOs can play to properly address the anticipated water crisis? How can we achieve technical cooperation on water? What are the challenges and opportunities? What are the obstacles for achieving MDGs related to water? What are the best practices? Are there any joint projects conducted by different states that can be followed as examples on this matter? Are there any case studies in this context? Can technical cooperation among states to prevent water-related disasters be used as a tool for confidence building? The sessions under the “Regional Technical Cooperation on Water” theme will aim to discuss the problems expressed above by covering available scientific data and various applications from different countries and tackling possible solutions.

Day 1 / May 3, 2011		
Session 1.1	Regional Technical Cooperation on Water I	
Session 1.2	Regional Technical Cooperation on Water II	
Theme 1 Wrap-Up Session		

Session 1.1. Regional Technical Cooperation on Water I

Date: May 3, 2011	Time: 14:00-15:55	Room: 1 (Kagithane)
Moderator:	Klas SANDSTROM, Ramboll Natura AB	
Keynote Speakers:	Habib N. EL HABR, United Nations Environment Programme Regional Office for West Asia (UNEP/ROWA) Jean François DONZIER, International Office for Water	
Session Programme		
14:00	Opening and welcome remarks by Mehmet KARPUZCU, Gazikent University and Klas SANDSTROM, Ramboll Natura AB	
14:15	Keynote Speech: Habib N. EL HABR, United Nations Environment Programme Regional Office for West Asia (UNEP/ROWA)	
14:35	Keynote Speech: Jean François DONZIER, International Office for Water “The Regional Cooperation on Water within the European Union and with its Neighboring Partner Countries, Main Policies and Tools, Examples on Basins Management”	
14:55	H.E. Mithat RENDE, Ministry of Foreign Affairs of Turkey “International Cooperation on Water Issues in Transboundary Context”	
15:15	Jan LEENTVAAR, UNESCO-IHE Institute for Water Education “National and International Actors, Institutional Setting and Knowledge-based Collaboration in River Basin Management - Case of River Rhine”	
15:35	Jerome Delli PRISCOLI, United States Army Corps of Engineers (USACE); World Water Council “U.S. Experiences with IWRM and River Basin Organizations”	
15:55	Closing	

Session 1.2. Regional Technical Cooperation on Water II

Date: May 4, 2011	Time: 16:15-18:00	Room: 1 (Kagithane)
Moderator:	H.E. Yasar YAKIS, Former Minister of Foreign Affairs of Turkey	
Session Programme		
16:15	Opening remarks by H.E. Yasar YAKIS, Former Minister of Foreign Affairs of Turkey	
16:30	Nader KHATEEB, Friends of the Earth Middle East "Towards a Living Jordan River: A Regional Strategy to Rehabilitate the Lower Jordan River"	
16:50	Ibrahim KAYA, Canakkale Onsekiz Mart University "International Law and Cooperation on Water: Challenges and Opportunities"	
17:10	Unal OZIS, Dokuz Eylul University "Trans-boundary Cooperation in Euphrates-Tigris Basin"	
17:30	Ahmet KIDEYS & Volodymyr MYROSHNYCHENKO, Permanent Secretariat of the Black Sea Commission "Regional Cooperation in Protection of the Black Sea Environment"	
18:00	Closing	

Theme 1 Wrap-Up Session

Date: May 3, 2011	Time: 18:15-18:45	Room: 1 (Kagithane)
Moderators:	Klas SANDSTROM , Ramboll Natura AB H.E. Yasar YAKIS , Former Minister of Foreign Affairs of Turkey Mehmet KARPUZCU , Gazikent University	

Theme 2.

Water for Energy

Dwindling energy resources and rising costs lead countries to use clean and renewable resources. Hydropower is a preferable energy source in arid and semi-arid climates and across countries that face an increasing demand for energy.

Countries seek new sources to meet their needs for energy. It is important to manage the hydropower potential through balancing environmental protection and energy needs. This theme will discuss in detail the difficulties in studies carried out through public-private partnerships in various countries. Issues like development of hydropower potential, investments and future demands in the hydropower sector, regulations and pricing policies, and bottlenecks and solutions in the planning, construction and operational stages of hydropower will also be tackled.

Day 2 / May 4, 2011		
Session 2.1	Development of Water Energy Potential: Legislation and Policies	E
Session 2.2	Interactions Between Water, Energy and Environment	E
Session 2.3	Challenges and Solutions on Development of Water Energy	E
Theme 3 Wrap-Up Session		

Session 2.1. Development of Water Energy Potential: Legislation and Policies

Date: May 4, 2011	Time: 09:00-10:45	Room: 1 (Kagithane)
Moderator:	Dogan ALTINBILEK, Turkish Hydropower Association (TURSEB)	
Keynote Speaker:	Luis BERGA, International Commission on Large Dams (ICOLD)	
Session Programme		
09:00	Opening and welcome remarks by Mustafa ELDEMIR , Ministry of Environment and Forestry of Turkey	
09:05	Keynote Speech: Luis BERGA , International Commission on Large Dams (ICOLD) <i>"Hydropower and Dams for Sustainable Development"</i>	
09:30	Johannes LINORTER & Enver ABIRAL , Pöyry Energy GmbH <i>"Hydropower Sector - Comparison of Turkey & the European Countries"</i>	
09:45	Atilla ATAC , Kolin Construction <i>"Hydropower Energy Demand: Problems and Solutions"</i>	
10:00	Bjørn WOLD , Statkraft AS <i>"Hydropower Licensing Experiences and Implementation of the EU Water Directive"</i>	
10:15	Discussion	
10:45	Closing	

Session 2.2. Interactions Between Water, Energy and Environment

Date: May 4, 2011	Time: 11:15-13:15	Room: 1 (Kagithane)
Moderator:	Salih PASAOGLU, Essentium Energy Investment Inc.; Former Undersecretary at Ministry of Energy and Natural Resources of Turkey	
Session Programme		
11:15	Opening and welcome remarks by Salih PASAOGLU, Essentium Energy Investment Inc.; Former Undersecretary at Ministry of Energy and Natural Resources of Turkey	
11:20	Jian Hua MENG, World Wildlife Fund (WWF) “Planning for Development and Conservation - The Hydropower Sustainability Assessment Protocol”	
11:30	Olav Peter HYPER, Statkraft AS “Sustainable Hydropower”	
11:50	Fevzi ISBILIR, Ministry of Environment and Forestry of Turkey “EIA Implementation for Dams and HEPPs”	
12:00	Peter RUTSCHMANN, Munich Water Institute “An Innovative Ecologic and Economic Hydropower Concept”	
12:15	Alison BARTLE, The International Journal on Hydropower & Dams “The Role of Hydropower on Socio-Economic Development”	
12:30	Discussion	
13:15	Closing	

Session 2.3. Challenges and Solutions on the Development of Water Energy

Date: May 4, 2011	Time: 14:00-18:00	Room: 1 (Kagithane)
Moderators:	Cuneyt GEREK, General Directorate of State Hydraulic Works of Turkey (DSI) Mustafa Eldemir, Ministry of Environment and Forestry of Turkey	
Session Programme		
14:00	Welcome speech by Cuneyt GEREK, General Directorate of State Hydraulic Works of Turkey (DSI)	
14:10	Part I Moderator: Cuneyt GEREK, General Directorate of State Hydraulic Works of Turkey (DSI) Panelists: Salih PASALIOGLU, Essentium Energy Investment Inc.; Former Undersecretary at Ministry of Energy and Natural Resources of Turkey Selami OGUZ, Water Fund, Turkey Ebru OZDEMIR, Limak Holding Fahrettin Amir ARMAN, Hydroelectricity Plants Industrial Businessmen Association (HESIAD)	
15:45	Coffee break	
16:15	Part II Moderator: Mustafa Eldemir, Ministry of Environment and Forestry of Turkey Panelists: Ismail GUNES, General Directorate of State Hydraulic Works of Turkey (DSI) Yesim AKCOLLU, World Bank Zeki DEMIRCI, Dogus Construction Ozcan DALKIR, General Directorate of State Hydraulic Works of Turkey (DSI)	
18:00	Closing	

Theme 2 Wrap-Up Session

Date: May 4, 2011	Time: 18:15-18:45	Room: 1 (Kagithane)
Moderator:	Dogan ALTINBILEK , Turkish Hydropower Association (TURSEB)	

Theme 3.

Agricultural Water Management

The majority of the world's available water is consumed by the agricultural sector. Irrigation is a vital input for meeting the growing food demand. On the other hand, water is a scarce resource that cannot be reproduced, which necessitates its economical and efficient use. Even the smallest steps taken towards the efficient use of water in the agricultural sector will allow meeting the water demands of other sectors. Factors such as training, legislation and laws, technical and physical structures, management systems, operations and maintenance models, financial systems, new technologies, planning, and environmental and social issues should be considered for the efficient utilization of agricultural water. Theme 3 will aim to address the above-mentioned points in depth.

Day 2 / May 4, 2011		
Session 3.1	Irrigation Management Practices	A
Session 3.2	Irrigation Structures: Challenges & Solutions	A
Session 3.3	Much, Less or Virtual Water?	A C
Session 3.4	Is Participatory Irrigation Management (PIM) a Dream?	A
Theme 3 Wrap-Up Session		

Session 3.1. Irrigation Management Practices

Irrigation practices around the globe vary due to differing specific local conditions. This session will present best practices and share examples of irrigation management practices from different regions of the world.

Date: May 4, 2011	Time: 09:00-11:15	Room: 2 (Eyup)
Moderator:	Izzet OZTURK, Istanbul Technical University (ITU)	
Keynote Speaker:	Mokhtar BZIOUI, World Water Council	
Session Programme		
09:00	Opening and welcome remarks by Izzet OZTURK, Istanbul Technical University (ITU)	
09:05	Keynote Speech: Mokhtar BZIOUI, World Water Council "Managing Water Scarcity"	
09:20	Yashar KAHRAMANLI, Azerbaijan Architectural and Civil Engineering University "Water Resources of Azerbaijan & Rational Ways of their Use"	
09:35	Josep Maria CALLIS, AGBAR Medioambiente, Spain "Advanced Management of Modern Irrigation Systems"	
10:50	Erkan EMINOGLU, General Directorate of State Hydraulic Works of Turkey (DSI) "Optimum Operation Models for Pumping Irrigation Systems"	
11:05	Servet YAZAR, Water Users Association, Turkey "Good Practices in Agriculture and Irrigation"	
11:15	Closing	

Session 3.2. Irrigation Structures: Challenges & Solutions

The improvement and modernization of existing structures may sometimes be more favorable than constructing new networks. Modern irrigation systems enable effective and efficient irrigation, but may sometimes lead to some disadvantages depending on the circumstances. Pressurized irrigation systems, pumped irrigation systems and groundwater wells each have their own particular challenges.

Date: May 4, 2011	Time: 11:15-13:15	Room: 2 (Eyup)
Moderator:	Akif OZKALDI, General Directorate of State Hydraulic Works of Turkey (DSI)	
Keynote Speaker:	Ari MICHELSEN, AgriLife Research Center	
Session Programme		
11:15	Opening and welcome remarks by Akif OZKALDI , General Directorate of State Hydraulic Works of Turkey (DSI)	
11:25	Keynote Speech: Ari MICHELSEN , AgriLife Research Center <i>“Effective Agricultural Water Management Requires Multidisciplinary, Integrated Approaches”</i>	
11:40	Giovanni MUNOZ , Food and Agriculture Organization of the United Nations (FAO) <i>“Rehabilitation and Modernization”</i>	
11:55	Daniel TUGUESS , Agbar, Spain <i>“Advanced Automated Irrigation Systems at Plot Level”</i>	
12:10	Ali Barakat AL ADWAN , German Technical Cooperation (GIZ), Jordan <i>“Participative Irrigation Management in Jordan Valley”</i>	
12:25	Seyit AKSU , General Directorate of State Hydraulic Works of Turkey (DSI) <i>“Rehabilitation and Modernization of Irrigation Networks in Turkey”</i>	
12:40	Nadide DEMIR , General Directorate of State Hydraulic Works of Turkey (DSI) <i>“Drainage & Water Table Evacuation Problems”</i>	
12:55	Discussion	
13:15	Closing	

Session 3.3. Much, Less or Virtual Water?

Overabundance or lack of water are both serious challenges that are associated with floods and droughts. Drainage, water logging, discharging are terms commonly related with excess water, whereas drought is associated with absence of water, which particularly necessitates water reuse. “Water footprint” is a recent concept instrumental in identifying the amount of water consumption.

Date: May 4, 2011	Time: 14:00-15:45	Room: 2 (Eyup)
Moderator:	Mehmet Ali CULLU, Harran University	
Keynote Speaker:	Bart SCHULTZ, UNESCO-IHE Institute for Water Education	
Session Programme		
14:00	Opening and welcome remarks by Mehmet Ali CULLU, Harran University	
14:10	Keynote Speech: Bart SCHULTZ, UNESCO-IHE Institute for Water Education “Optimal Water Management Practices to Produce Sufficient Food for an Urbanising World”	
14:25	Izzet OZTURK, Istanbul Technical University (ITU) “The Reuse of Treated Waste Water”	
14:40	Buket Bahar DIVRAK / Mustafa Ozgur BERKE, World Wildlife Fund (WWF) Turkey “Climate and Hydro-Modelling Study for Konya Closed Basin in the Face of Climate Change”	
14:55	Ceren AYAS, World Wildlife Fund (WWF) Turkey “Water Footprint”	
15:10	Cetin PALTA, Soil Water Research Institute, Konya, Turkey “Drought”	
15:25	Discussion	
15:45	Closing	

Session 3.4. Is Participatory Irrigation Management (PIM) a Dream?

Participatory Irrigation Management (PIM) models have been on the agenda of many countries for the last 20-30 years. What are the challenges for a better PIM? How should be the linkage between water suppliers and end users? Is PIM model really sustainable, or is there any other alternative model for irrigation management?

Date: May 4, 2011	Time: 15:45-18:00	Room: 2 (Eyup)
Moderator:	Ahmet Fikret KASALAK, General Directorate of State Hydraulic Works of Turkey (DSI)	
Keynote Speaker:	Giovanni MUNOZ, Food and Agriculture Organization of the United Nations (FAO)	
Session Programme		
15:45	Opening and welcome remarks by Ahmet Fikret KASALAK, General Directorate of State Hydraulic Works of Turkey (DSI)	
15:55	Keynote Speech: Giovanni MUNOZ, Food and Agriculture Organization of the United Nations (FAO) "Participatory Irrigation Method"	
16:15	Akif MUSTAFAYEV, Irrigation Open Joint Stock Company (AIOJSC), Azerbaijan "Participatory Irrigation Management in Azerbaijan"	
16:30	Sami OZSECEN, Irrigation Union Association of Turkey (SUBIRDER) "Irrigation Associations"	
16:45	Halis UYSAL, Irrigation Cooperatives Union of Turkey "Irrigation Cooperations"	
17:00	Ihsan Oguz BEYASLAN, Irrigation Union of South Yuregir, Turkey "Irrigation Associations"	
17:15	Gurhan DEMIR, General Directorate of State Hydraulic Works of Turkey (DSI) "Participatory Irrigation Management in Turkey"	
17:30	Discussion	
18:00	Closing	

Theme 3 Wrap-Up Session

Date: May 4, 2011	Time: 18:15-18:45	Room: 2 (Eyup)
Moderator:	Izzet OZTURK , Istanbul Technical University (ITU)	








Theme 4.

Global Climate Change and Water

According to the Intergovernmental Panel on Climate Change (IPCC) results, many components of urban life (health, infrastructure, economic and social components), and especially water and food resources, are expected to be negatively affected by the melting of glaciers and occurrence of extreme weather conditions triggered by a 2-5 °C increase in air temperature by 2100 as a result of the climate change (IPCC, 2007, Fourth Assessment Report: Climate Change).

The global reaction to climate change has reached an important level. Concerns about the impacts of climate change and the lack of progress in the intergovernmental climate negotiations have stimulated experts, scientists, water community and governments.

It is necessary to develop new perspectives on the understanding of climate change and how to analyze the regional effects of climate change, water resources, adaptation to climate change, driving forces and stresses on the hydrometeorological disasters should be discussed. The key stakeholders, such as international organizations, governmental institutions and experts from universities will come together to discuss the urgency of implementing a new vision and a broad perspective to achieve the goal of the long term social health.

Day 1 / May 3, 2011		
Session 4.1	Hydrometeorological Disasters	 
Session 4.2	Water Resources and Climate Change	 
Day 2 / May 4, 2011		
Session 4.3	Urban Adaptation to Climate Change and Water Resources	 
Session 4.4	Water and Tourism	
Theme 4 Wrap-Up Session		

Session 4.1. Hydrometeorological Disasters

What are the driving forces and pressures on hydrometeorological disasters? Strong national and regional commitments are required to save lives and livelihoods endangered by hydrometeorological hazards that result from climate change. Just like environmental and social impact assessments, hydrometeorological disasters must be taken into account in public and private sector decision-making. Given the current concerns with the increasing frequency and magnitude of droughts and floods in many regions of the world, especially in the light of expected climate change, drought and flood monitoring and timely dissemination of early warning information is a critical concern. Countries must therefore develop or modify policies, laws and organizational arrangements, as well as plans, programs and projects to reduce the risk of disasters.

Date: May 3, 2011	Time: 14:00-15:45	Room: 2 (Eyup)
Moderator:	Mikdat KADIOGLU, Istanbul Technical University (ITU)	
Keynote Speaker:	Il Pyo HONG, Korea Water Forum	
Session Programme		
14:00	Opening and welcome remarks by Mikdat KADIOGLU, Istanbul Technical University (ITU)	
14:05	Keynote Speech: Il Pyo HONG, Korea Water Forum "Climate Change and Water Disasters"	
14:30	Jauad EL KHARRAZ, Euro-Mediterranean Information System on Know-how in the Water Sector (EMWIS) "Coping with Water Scarcity and Drought in the Mediterranean: Challenges & Solutions"	
14:45	Murat TURKES, Canakkale Onsekiz Mart University "Impacts of Regional Climate Change and Droughts on Hydrology and Water Resources in the Mediterranean Basin and Turkey"	
15:00	Orhan TOPCU, Former Secretary of the Disaster Preparedness and Prevention Initiative for South Eastern Europe (DPPI SEE) "The Water-related Hazards in South Eastern Europe and Financial Effects on Sustainable Development of the Region"	
15:15	Discussion	
15:45	Closing	

Session 4.2. Water Resources and Climate Change

How will the climate change affect the water cycle and what are the key mitigation and adaptation strategies for reducing the environmental risks? Practical solutions, new investments for increasing water use efficiency and the use of improved technologies are vital for a better water resources management. Climate change, population growth and increasing energy needs require continuous analysis, forecasting and remodelling of water consumption.

Date: May 3, 2011	Time: 16:15-18:00	Room: 2 (Eyup)
Moderator:	Mehmet CAGLAR, Turkish State Meteorological Service (DMI)	
Keynote Speaker:	Karin KRCHNAK, The Nature Conservancy (TNC)	
Session Programme		
16:15	Opening and welcome remarks by Mehmet CAGLAR, Turkish State Meteorological Service	
16:20	Keynote Speech: Karin KRCHNAK, The Nature Conservancy (TNC)	
16:45	Fredrick H. M. SEMAZZI, North Carolina State University (NCSU) “The Role of Climate Change in Modulating Hydroelectric Power Generation over the River Nile Basin”	
17:00	Nihat CUBUKCU, Weather Predict Consulting Inc. “Managing the Regional Weather and Climate Risks”	
17:15	Ayse UYDURANOGLU OKTEM, Istanbul Bilgi University “Water as an Economic Value”	
17:30	Discussion	
18:00	Closing	

Session 4.3. Urban Adaptation to Climate Change and Water Resources

As the world's urban population today exceeds the rural population, cities are becoming ever more important. Along with the problems of rapid urbanization, cities are also vulnerable to challenges triggered by climate change. The negative impacts of urban activities on water ecosystems will increase even more as a result of changing climate. Scenarios for future climate change and the challenges it will bring should become an urban planning paradigm and planning decisions should be made accordingly, from global to local scale.

Metropolises, particularly those in developing countries, should be guided by rational development policies that address their potential development opportunities as well as the expected future challenges posed by population growth. This session will address water-related challenges created by urban development dynamics and climate change and discuss their possible solutions.

Date: May 4, 2011	Time: 14:00-15:45	Room: 4 (Aynalikavak I)
Moderator:	Azime TEZER, Istanbul Technical University (ITU)	
Keynote Speaker:	Maciej ZALEWSKI, University of Lodz; UNESCO European Regional Center for Ecohydrology	
Session Programme		
14:00	Opening and welcome remarks by Azime TEZER, Istanbul Technical University (ITU)	
14:05	Keynote Speech: Maciej ZALEWSKI, University of Lodz; UNESCO European Regional Center for Ecohydrology "The Blue Green City of the Future"	
14:30	Simon MILLS, City of London Corporation "Adapting to Climate Change - An Analysis of Practical Action and Potential Market Solutions to the Issue of Sustainable Urban Water Provision"	
14:45	Klas SANDSTROM, Ramboll Natura AB "The Future is Urban, and Urban Water Managers Have to Live up to the Challenge!"	
15:00	Douglas J. MEFFERT, Tulane University/Xavier Center for Bioenvironmental Research (CBR) "Climate Change, Disasters and the Resilience of New Orleans: the Adaptation of Deltaic Urban Form"	
15:15	Discussion	
15:45	Closing	

Session 4.4. Water and Tourism

The objective of this session is to present the mutual interactions between water resources and tourism activities. Tourism is a rising sector across the world and in Turkey. According to 2010 figures (UNWTO, 2011), the total number of foreign tourist arrivals in Turkey is 27 million, which makes Turkey the 7th country worldwide in terms of tourist arrivals. The majority of tourists visiting Turkey prefer coastal areas. Growing tourist numbers increases water consumption, which causes water shortages in some areas. Although water consumption by tourism is generally low compared to agriculture and industry, there is a need for investigating the impacts of tourism on diminishing water resources. In this panel session, participants will share their experiences related to water and tourism in the context of climate change, especially in the coastal areas of Turkey, namely the Eastern Mediterranean, Aegean, Marmara and Black Sea regions.

Date: May 4, 2011	Time: 16:15-18:00	Room: 4 (Aynalikavak I)
Moderator:	Dilek UNALAN, Bogazici University	
Keynote Speaker:	Jonathan CHENOWETH, University of Surrey	
Session Programme		
16:15	Opening and welcome remarks by Dilek UNALAN, Bogazici University	
16:30	Keynote Speech: Jonathan CHENOWETH, University of Surrey “Water Scarcity and the Impact of Tourism in the Eastern Mediterranean”	
16:45	Nedim OZDEMIR, Mugla University “The Effects of Coastal Tourism on Water Resources in the Aegean Region and Climate Change”	
17:00	Ecehan Esra TOP, Green Steps Environmental Literacy Association “The Impacts of Tourism on Water Resources in the Marmara Region”	
17:15	Dilek UNALAN, Bogazici University “Water and Tourism in the Black Sea Region”	
17:30	Discussion	
18:00	Closing	

Theme 4 Wrap-Up Session I

Date: May 3, 2011	Time: 18:15-18:45	Room: 2 (Eyup)
Moderator:	Mikdat KADIOGLU, Istanbul Technical University (ITU)	










Theme 4 Wrap-Up Session II

Date: May 4, 2011	Time: 18:15-18:45	Room: 4 (Aynalikavak I)
Moderator:	Mikdat KADIOGLU, Istanbul Technical University (ITU)	

Theme 5.

Urban Water Management

As the majority of the world's population today lives in urban areas, cities are becoming ever more important. Experiencing challenges of rapid urbanization and climate change, they appear to become more and more vulnerable. Today, 2.8 billion people around the world lack adequate sewerage and wastewater treatment facilities and 1 billion people do not have access to safe drinking water. Theme 5 will discuss in detail issues such as urbanization; water and the future; urban drinking water supply, treatment and distribution; wastewater removal and treatment; utilization of purified water and rain water and suggested solutions; cost of facilities and their economic and efficient operation; reuse of bathroom and kitchen waters (grey waters); measures to reduce toilet flushing water consumption and other urban water-related issues.

Day 2 / May 4, 2011		
Session 5.1	Urban Water Challenges Around the World and in Turkey	 
Session 5.2	Solutions Related to Wastewater	
Session 5.3	Urban Wastewater Management I	
Session 5.4	Urban Wastewater Management II	 
Session 5.5	Urban Domestic Water Management I	 
Session 5.6	Urban Domestic Water Management II	
Theme 5 Wrap-Up Session		

Session 5.1. Urban Water Challenges around the World and in Turkey

The amount of urban water is directly related to the area of the watershed, where the water is stored/supplied from. The water production capacity of the watershed therefore affects urban water management. Additionally, the climate change in recent years affects the groundwater and surface water availability in catchment areas and shapes urban water management models accordingly.

Date: May 4, 2011	Time: 09:00-10:45	Room: 9 (Haskoy)
Moderator:	Ahmet SAMSUNLU, Istanbul Technical University (ITU)	
Keynote Speaker:	Pierre LACONTE, Foundation for the Urban Environment (FFUE)	
Session Programme		
09:00	Opening and welcome remarks by Ahmet SAMSUNLU, Istanbul Technical University (ITU)	
09:15	Keynote Speech: Pierre LACONTE, Foundation for the Urban Environment (FFUE) "Water Resources as Part of the Resource Availability Issue"	
09:40	Omer OZDEMIR, General Directorate of State Hydraulic Works of Turkey (DSI) "Domestic Water Supply in Watershed Based Applications"	
09:55	Seyma CINGOZ, Istanbul Water and Sewerage Administration (ISKI) "Impacts of Climate Change on Water Resources"	
10:10	Burak KOROGLU, Turkish Court of Accounts "Domestic Water Management"	
10:25	Discussion	
10:45	Closing	

Session 5.2. Solutions Related to Wastewater

Wastewater management is as important as water supply. The more water is supplied in cities, the more wastewater is created. As the urban population increases, removal of wastewater is becoming a greater challenge for cities and metropolitan areas. This challenge is somewhat mitigated thanks to wastewater removal technologies that take into account environmental issues.

Date: May 4, 2011	Time: 11:15-13:00	Room: 9 (Haskoy)
Moderator:	Ahmet DEMIR, Istanbul Water and Sewerage Administration (ISKI)	
Keynote Speaker:	Karl Heinz ROSENWINKEL, Leibniz University of Hannover	
Session Programme		
11:15	Opening and welcome remarks by Ahmet DEMIR, Istanbul Water and Sewerage Administration (ISKI)	
11:30	Keynote Speech: Karl Heinz ROSENWINKEL, Leibniz University of Hannover "Municipal Wastewater Treatment in Europe Technologies, Dimensioning and Experiences in Full Scale"	
11:55	Bilsen BELER BAYKAL, Istanbul Technical University (ITU) "Turning Domestic Wastewater into a Valuable Resource through Source Separation and Ecological Sanitation (ECOSAN)"	
12:10	Ismail KOYUNCU, Istanbul Technical University (ITU) "Membrane Technologies for Wastewater Treatment and Reuse: Recent Developments"	
12:25	Guclu INSEL, Istanbul Technical University (ITU) "Automation and Process Control in Wastewater Treatment Plants for the Minimization of Operational Costs"	
12:40	Discussion	
13:00	Closing	

Session 5.3. Urban Wastewater Management I

In developed countries, sewage systems that constitute an integral part of urban infrastructure facilities have been completed many years before and wastewater treatment plants have reached to a stage of completion. However, the vast majority of underdeveloped and developing countries still lack such facilities. The wastewaters generated by 2.7 billion people around the world, including those living in fast-growing cities, are disposed to nature without any treatment. Sessions “Urban Wastewater Management I & II” will discuss challenges of urban infrastructure, urban wastewater management and policies, and financing models.

Date: May 4, 2011	Time: 14:00-15:45	Room: 3 (Ayvansaray)
Moderator:	Ismail TOROZ, Istanbul Technical University (ITU)	
Keynote Speaker:	Ahmet SAMSUNLU, Istanbul Technical University (ITU)	
Session Programme		
14:00	Opening and welcome remarks by Ismail TOROZ, Istanbul Technical University (ITU)	
14:15	Keynote Speech: Ahmet SAMSUNLU, Istanbul Technical University (ITU) “Urban Infrastructural Problems and Istanbul”	
14:40	Nageeb RASHED, Aswan South Valley University “Environmental Bioindicators for Water Pollution”	
14:55	Erdem GORGUN, Istanbul Technical University (ITU) “Modern Financing Methods for Common Industrial Wastewater Treatment Plants – An Example: Dilovasi Organized Industrial Zone”	
15:10	Yuksel ACAR, Istanbul Water and Sewerage Administration (ISKI) “Sectoral and Industrial Wastewater View of Istanbul”	
15:25	Discussion	
15:45	Closing	

Session 5.4. Urban Wastewater Management II

Date: May 4, 2011	Time: 16:15-18:00	Room: 3 (Ayvansaray)
Moderator:	Cumali KINACI, Ministry of Environment and Forestry of Turkey	
Keynote Speaker:	Karl Heinz ROSENWINKEL, Leibniz University of Hannover	
Session Programme		
16:15	Opening and welcome remarks by Cumali KINACI, Ministry of Environment and Forestry of Turkey	
16:30	Keynote Speech: Karl Heinz ROSENWINKEL, Leibniz University of Hannover “Energy Saving with Deammonification - Process for Nitrogen Removal - Full Scale Experiences”	
16:55	Necati AGIRALIOGLU, Istanbul Technical University (ITU) “Flood Management in Istanbul”	
17:10	Monther Issa SHOBLAK, Coastal Municipalities Water Utility (CMWU), Palestine “Construction of Rafah Wastewater Treatment Plant”	
17:25	Recep AKDENIZ, Ministry of Environment and Forestry of Turkey “Urban Wastewater Management and Policies”	
17:40	Discussion	
18:00	Closing	

Session 5.5. Urban Domestic Water Management I

Of all the water on Earth, the amount of available fresh water is very small and distributed unevenly over the planet. As water availability increasingly becomes a challenge for densely populated areas with rapid and irregular urbanization and the adverse impacts of climate change on limited water resources become more severe, the subject of water management becomes more of an issue. Providing the right water management in metropolitan areas requires a multi-dimensional thinking. The “Urban Domestic Water Management I & II” sessions will focus on the social and technical aspects of urban domestic water management and discuss the water problems in the city of Istanbul.

Date: May 4, 2011	Time: 14:00-15:45	Room: 10 (Balat)
Moderator:	Hidayet ATASOY, Bank of Provinces, Turkey	
Keynote Speaker:	Pierre LACONTE, Foundation for the Urban Environment (FFUE)	
Session Programme		
14:00	Opening and welcome remarks by Hidayet ATASOY, Bank of Provinces, Turkey	
14:15	Keynote Speech: Pierre LACONTE, Foundation for the Urban Environment (FFUE) “Managing Water Resources in Urbanized Areas – Experiences of Consequences to Istanbul Water Challenges”	
14:30	Homayoun MOTIEE & Alireza SALAMAT, UNESCO Regional Centre on Urban Water Management, Iran “Impact of Droughts on Urban Water Supply: Introduction to International Drought Initiative”	
14:55	Canan KARAKAS ULUSOY, Bank of Provinces, Turkey “The Problem of the Water Management in the Metropolitan Areas”	
15:10	Habib MUHAMMETOGLU, Akdeniz University “Management of Water Losses from Water Distribution Systems Using SCADA, DMA, GIS and Modelling: Case Study of Antalya City - Turkey”	
15:25	Discussion	
15:45	Closing	

Session 5.6. Urban Domestic Water Management II

Date: May 4, 2011	Time: 16:15-18:00	Room: 10 (Balat)
Moderator:	Bilsen BELER BAYKAL, Istanbul Technical University (ITU)	
Keynote Speaker:	Marta MORETTI, International Centre Cities on Water	
Session Programme		
16:15	Opening and welcome remarks by Bilsen BELER BAYKAL, Istanbul Technical University (ITU)	
16:30	Keynote Speech: Marta MORETTI, International Centre Cities on Water “Valorisation of Waterfronts for Sustainable Development in Cities on Water”	
16:55	Necdet ALPASLAN, Dokuz Eylul University “Alternative Water Resources for Urban Uses”	
17:10	Osman FINDIK, Istanbul Water and Sewerage Administration (ISKI) “Importance of SCADA System in Water Management in Istanbul”	
17:25	Hazem KITTANI, Palestinian Water Authority (PWA) “Water in the West Bank: Quantity and Quality in Palestine”	
17:35	Discussion	
18:00	Closing	

Theme 5 Wrap-Up Session

Date: May 4, 2011	Time: 18:15-18:45	Room: Ayvansaray (3)
Moderator:	Ahmet SAMSUNLU, Istanbul Technical University (ITU)	

Theme 6.












Water Resources Management and Water Culture

Theme 6 is organized around three main sessions, covering the subjects of “Integrated Water Resources Management”, “Water Culture” and “Geothermal Resources”.

In the face of an ever increasing world population and the negative impacts of climate change, wise management of water resources has become an urgency. Economy, environment and the social structure should all be taken into account for sustainable Integrated Water Resources Management (IWRM). Therefore it is imperative to develop new approaches and applications. The main objective of the sessions on “Integrated Water Resources Management” is to discuss the subject of water resources management, including surface and groundwater resources, with a multi-disciplinary and multi-perspective approach to current issues, such as the human and nature relationship, utilization strategies, water pollution, the relationship between water and forests.

The second main subject is focused on “Water Culture”, which is the interface of water engineering, culture, archeology, and tourism. Water culture is the yield of water and human relations throughout the history of humanity. The objective of sessions under this subject is to discuss the local and global aspects of water culture in and around Turkey.

Sessions 6.5 & 6.6 will aim to discuss the assessment and development opportunities for “Geothermal Resources” and natural mineral waters. Geothermal power plants provide a great benefit for the economy. Also, the positive impacts of geothermal facilities on health and tourism are worth noting.

Day 1 / May 3, 2011		
Session 6.1	IWRM - Surface Water Resources	 
Session 6.2	IWRM - Groundwater Resources	 
Session 6.3	Water & Culture I	 
Session 6.4	Water & Culture II	 
Day 2 / May 4, 2011		
Session 6.5	Geothermal Energy & Water Culture I	 
Session 6.6	Geothermal Energy & Water Culture II	
Theme 6 Wrap-Up Session		

Session 6.1. Integrated Water Resources Management - Surface Water Resources

As the concept of sustainability becomes ever more important with the negative impacts of climate change, IWRM has gained more importance over the last ten years. The alarming reality is that the growing population and pollution is increasingly putting pressure on the limited available water resources. The recent understanding of sustainable environment acknowledges that all available resources are common goods for all living creatures.

Basin water resources, together with all other natural resources, should be managed with regard to the complementary concept of “integration” of the 1992 United Nations Conference in Rio De Janeiro.

For the purpose of Integrated Water Resources Management, many new technologies are being developed and put into use at the steps of data acquisition, data analysis and decision making. This session will discuss these subjects at national, regional and global levels.

Date: May 3, 2011	Time: 14:00-16:00	Room: 3 (Ayvansaray)
Moderator:	Nilgun HARMANCIOGLU, Dokuz Eylul University	
Keynote Speakers:	Jun XIA, International Water Resources Association (IWRA) Patrick LAVARDE, The French National Agency for Water and Environment (ONEMA)	
Session Programme		
14:00	Opening by Nilgun HARMANCIOGLU, Dokuz Eylul University “Water Resources Management: Where are We? Where are We Headed?”	
14:15	Keynote Speech: Jun XIA, International Water Resources Association (IWRA)	
14:35	Keynote Speech: Patrick LAVARDE, The French National Agency for Water and Environment (ONEMA) “Towards IWRM: The Example of the Implementation of EU Water Framework Directive”	
14:55	Adem SANLISOY, Istanbul Water and Sewerage Administration (ISKI) “Protection Strategies for Istanbul Water Basins”	
15:10	Nurunnisa USUL, Middle East Technical University (METU) & Ibrahim GURER, Gazi University “Difficulties Encountered in the Use of New Technologies for Integrated Water Resources Management”	
15:25	Sahnaz TIGREK, Middle East Technical University (METU), on behalf of the Chamber of Civil Engineers “Water for Development or for Life?”	
15:40	Discussion	
16:00	Closing	

Session 6.2. Integrated Water Resources Management - Groundwater Resources

The ever-increasing population and rapid urbanization around the world since the 1980s have put a significant amount of stress on groundwater resources, such as decline in yields and quality deterioration. These problems, exacerbated by the projected impacts of climate change, are major obstacles for future groundwater management. In many countries, existing groundwater resources fail to meet the demand on time and on site. The causes of groundwater problems in Turkey can be listed as sharing of authority among different institutions, outdated legislation and laws, and lack of adequate and regular hydrological data collection networks. Groundwater management practices in many countries are based on the concept of safe yield and fail to consider the interactions between surface and groundwater systems.

Furthermore, there is a lack of spatial and temporal predictions of system responses to stresses and the current regulations do not identify such predictions as compulsory in groundwater resources management. Despite these shortcomings, there is a growing awareness that the development and management of groundwater resources must be sustainable, which cannot be accomplished without a holistic assessment of both surface and groundwater resources while maintaining the integrity of the hydrological system as a whole. Hence, a great deal of effort is being put into adopting an integrated approach for water resources management. This session will aim to discuss the problems related to groundwater management and approaches to overcome them with various case studies from Turkey.

Date: May 3, 2011	Time: 16:15-18:00	Room: 3 (Ayvansaray)
Moderator & Keynote Speaker:	Hasan YAZICIGIL, Middle East Technical University (METU)	
Session Programme		
16:15	Opening and welcome remarks by Hasan YAZICIGIL, Middle East Technical University (METU)	
16:20	Keynote Speech: Hasan YAZICIGIL, Middle East Technical University (METU) "Sustainable Management of Groundwater Resources"	
16:35	Mehmet EKMEKCI, Hacettepe University "Current Problems and Future Challenges in Water Resources Management: Gaps in Preparedness in Turkey"	
16:50	Levent TEZCAN, Hacettepe University "Integrated Water Resources Management Culture in Turkey: Gaps and Mistakes"	
17:05	Nurettin PELEN & Ahmet SARGIN, General Directorate of State Hydraulic Works of Turkey (DSI) "Groundwater Management in Turkey"	
17:20	Ihsan BOZ & Ozlem YIGITLER, General Directorate of State Hydraulic Works of Turkey (DSI) "An Example of EU Water Framework Directive Implementation to Groundwater: Buyuk Menderes River Basin"	
18:35	Discussion	
18:00	Closing	

Session 6.3. Water and Culture I

Throughout the history, water has been one of the most important parameters in human life and settlements. Almost all ancient settlements were developed near water bodies such as rivers, lakes and seas. Cultural heritage, water use traditions and the social structures of settlers defined their own ways of managing water. Many waterways, tanks, fountains, baths and other additional buildings built thousands of years ago have managed to reach present day. The ancient hydraulic works in Anatolia make Turkey one of the world's leading open-air museums in this regard. Some of these structures continue to function today after hundreds or even thousands of years.

The sessions "Water and Culture I & II" will discuss the ancient water structures and the related water culture in and around Turkey within a national, regional and global perspective.

Date: May 3, 2011	Time: 14:00-16:00	Room: 4 (Aynalikavak I)
Moderator:	N. Orhan BAYKAN, Pamukkale University	
Keynote Speaker:	Unal OZIS, Dokuz Eylul University	
Session Programme		
14:00	Opening and welcome remarks by N.Orhan BAYKAN, Pamukkale University	
14:05	Keynote Speech: Unal OZIS, Dokuz Eylul University "Ancient Water Works in Turkey"	
14:30	N. Orhan BAYKAN, Pamukkale University "Hydraulic and Semi-hydraulic Ancient/Historical Structures in Turkey along Several Millennia"	
14:50	Dalila JABUČAR, Hydro-Engineering Institute of Civil Engineering Faculty Sarajevo "Sarajevo Water Supply System through City Development"	
15:10	Gofur N. TOLMBOK, Xinjiang Karez Study Society "An Outline of Xinjiang's Karezs in China"	
15:30	Discussion	
16:00	Closing	

Session 6.4. Water and Culture II

Date: May 3, 2011	Time: 16:15-18:00	Room: 4 (Aynalikavak I)
Moderator & Keynote Speaker:	Said OZTURK, Yıldız Technical University	
Session Programme		
16:15	Opening and welcome remarks by Said OZTURK, Yıldız Technical University	
16:20	Keynote Speech: Said OZTURK, Yıldız Technical University "Protection of Water Resources and Aqueducts during Ottoman Period in Istanbul"	
16:40	Nur URFALIOGLU, Yıldız Technical University "The Water Culture in Istanbul: The Water Supply Buildings of Istanbul"	
17:00	Mehmet BILDIRICI, Researcher "Wells are in the Use of Mankind Since 8000 Years"	
17:20	Galip BUYUKYILDIRIM, Researcher "Waters and Historical Water Structures in Antalya Region"	
17:40	Discussion	
18:00	Closing	

Session 6.5. Geothermal Energy and Water Culture I

Geothermal energy is a new energy source. This session will present the exploration, development and implementation studies on this source around the world and in Turkey. Researches, applications and legal studies realized by ministries in Turkey, the Mineral Research and Exploration Institute (MTA), Bank of Provinces, universities, local authorities and the private sector will be evaluated in this context.

Date: May 4, 2011	Time: 09:00-11:15	Room: 3 (Ayvansaray)
Moderator & Keynote Speaker:	Sakir SIMSEK, Hacettepe University	
Session Programme		
09:00	Opening and welcome remarks by Sakir SIMSEK , Hacettepe University	
09:05	Keynote Speech: Sakir SIMSEK , Hacettepe University <i>"Exploration and Utilization Developments on Geothermal Energy in the World and Turkey"</i>	
09:20	Hayrullah DAGISTAN , Mineral Research & Exploration General Directorate <i>"Sectorial Developments, Investment Opportunities and Near Future Projections of Geothermal Sources Activities in Turkey"</i>	
09:35	Ahmet YILDIZ , Afyon Kocatepe University <i>"The Future of Geothermal Energy in Afyonkarahisar"</i>	
09:50	Nusret GUNGOR , General Directorate of Mining Affairs of Turkey <i>"The New Geothermal Law of Turkey and the Opportunities Provided to the Entrepreneurs"</i>	
10:05	Kemal AKPINAR , Bank of Provinces, Turkey <i>"Geothermal Energy and Applications of the Bank of Provinces"</i>	
10:25	Orhan MERTOGLU , Turkish Geothermal Association <i>"Geothermal Applications in Turkey"</i>	
10:45	Discussion	
11:15	Closing	

Session 6.6. Geothermal Energy and Water Culture II

Turkey, geologically situated in the Alpine-Himalayan mountain belt, is among the countries with the natural world's richest mineral and geothermal water resources. These waters have been used for centuries by civilizations in Anatolia for therapeutic and healing purposes. Session 6.6 will discuss Turkey's potential for the use of water resources for human health, the "water culture" that has derived from this use and the concept of "thermal tourism" that has recently become increasingly attractive around the world and in Turkey.

Date: May 4, 2011	Time: 11:15-13:15	Room: 3 (Ayvansaray)
Moderator:	Erdogan YUZER, Istanbul Technical University (ITU)	
Keynote Speaker:	Zeki KARAGULLE, Istanbul University	
Session Programme		
11:15	Opening and welcome remarks by Erdogan YUZER , Istanbul Technical University (ITU)	
11:20	Zeki KARAGULLE , Istanbul University "Healing with Water: Tradition or Science?"	
11:35	Erdogan YUZER , Istanbul Technical University (ITU) "Water Culture"	
11:50	Nizamettin SENTURK , Association of Turkey Mineral Waters Manufacturers "Mineral Waters in Turkey"	
12:05	Fatma SENSOY , Science & Art Fund "Thermal Culture Travelogues Evliya Celebi"	
12:20	Toros OZBEK , T.R. Union of Municipalities with Geothermal Resources "Evaluation of Integrated Geothermal Resources in Health and Thermal Tourism"	
12:35	Discussion	
13:15	Closing	

Theme 6 Wrap-Up Session

Date: May 3, 2011	Time: 18:15-18:45	Room: 3 (Ayvansaray)
Moderator:	Ibrahim GURER , Gazi University	

High Level Panels

The 2nd Istanbul International Water Forum consists of six Thematic Areas and four Regional Foci. Themes on “Regional Technical Cooperation on Water”, “Global Climate Change and Water” and “Water Resources Management and Water Culture” will be covered on the first day of the Forum along with “Central Asia” and “Turkey” Foci. On the second day, themes on “Agricultural Water Management”, “Water for Energy” and “Urban Water Management” will be hosted in parallel to the “Middle East” and “Eastern Europe” focus meetings.

Our preparatory work over the last few months has led us to organize the high level panels around two main issues: Integrated Water Resources Management (IWRM) and the Water-Food-Energy Nexus.

We will be taking a different approach to our high level panels. In a conventional organization, the outcomes are compiled and synthesized after the event is over. In the Istanbul International Water Forum, it is our intention to distill the results of one day in the high level panel held on the consecutive day. This requires considerable effort on our side. The High Level Panel team will be meeting with the rapporteurs of the thematic and regional sessions in the evening to prepare the agenda for the panel next morning. We believe that with the support of our moderators and panelists, we will be able to reach our goal of synthesizing the Forum results during the Forum itself.

Our discussion on May 4th, the second day of the Forum, will evolve around IWRM. The panel will consist of two sessions. We will start by discussing IWRM implementation within the context of regional cooperation in our first session. We will then move on to IWRM in the face of climate change in the second session.

The Water-Food-Energy Nexus high level panel will take place on May 5th and it will also be made up of two sessions. The first session on food security is a direct result of the preliminary work we have done for our regional process. Among the various issues that have been discussed in our preparatory meetings for the regional process, food security was a common issue. In the second session we will take one more step and discuss the connection between water, food and energy.

As our preparation for the 2nd International Istanbul Water Forum took a final turn, Urban Water Services emerged as an overarching subject in the thematic and regional processes. Consequently, one more high level panel will be held on May 5th to complement our deliberations on IWRM and water-food-energy towards regional cooperation.

The high level panels will be open to all Forum participants. Each panel will start with opening remarks by the moderator. Then each panelist will have 10 minutes. The floor will be opened to discussion for 30 minutes for audience input during which time the panelists will have the chance to respond to each other and to receive input from the audience. The panel will end with closing remarks from the moderator. The panelists are not asked to prepare a talk or a presentation but to respond to the issues brought to the table by the moderator. These issues will be based on the results of the meetings held the day before.

High Level Panel I - Integrated Water Resources Management (IWRM)

Date: May 4, 2011	Time: 09:00-13:30	Room: Halic Hall
Session 1: IWRM within the Context of Regional Cooperation		
Moderator:	Aysegul TANIK, Istanbul Technical University (ITU)	
09:00	Opening remarks by Aysegul TANIK, Istanbul Technical University (ITU)	
09:10	Panelists (in alphabetical order) Imane ABD EL AL, the Association of the Friends of Ibrahim Abd El Al (AFIAL) Juan Antonio GUIJARRO FERRER, AGBAR Mehmet KARPUZCU, Gazikent University Ahmet KIDEYS, Permanent Secretariat of the Commission on the Protection of the Black Sea Against Pollution Mykola MELENEVSKIY, International Commission for the Protection of the Danube River Vadim SOKOLOV, Global Water Partnership for Central Asia and Caucasus	
10:10	Discussion	
10:40	Session Report by Aslihan KERC, Marmara University	
10:50	Closing Remarks	
11:00	Closing	
Session 2: IWRM in the Face of Climate Change		
Moderator:	Aysegul TANIK, Istanbul Technical University (ITU)	
11:30	Opening remarks by Aysegul TANIK, Istanbul Technical University (ITU)	
11:40	Panelists (in alphabetical order) Ziad ABU-GHARARAH, Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA) Ibrahim GURER, Gazi University Il Pyo HONG, Korea Water Forum Mikdat KADIOGLU, Istanbul Technical University (ITU) Karin KRCHNAK, World Resource Institute; The Nature Conservancy Hasan Z. SARIKAYA, Former Undersecretary of the Ministry of Environment and Forestry of Turkey Maciej ZALEWSKI, University of Lodz; UNESCO European Regional Center for Ecohydrology	
12:40	Discussion	
13:10	Session Report by Aslihan KERC, Marmara University	
13:20	Closing Remarks	
13:30	Closing	

High Level Panel II - Water-Food-Energy Nexus

Date: May 5, 2011	Time: 09:00-13:00	Room: Halic Hall
Session 1: Food Security		
Moderator:	Jerome DELLI PRISCOLI, United States Army Corps of Engineers (USACE); World Water Council	
09:00	Opening remarks by Jerome DELLI PRISCOLI, United States Army Corps of Engineers (USACE); World Water Council	
09:10	Panelists (in alphabetical order) Murad J. BINO, Inter-Islamic Network on Water Resources Development and Management (INWRDAM) Hayri COSKUN, Abant Izzet Baysal University Oleg GUCHGELDIEV, Environmental and Community Development Consultant Ari MICHELSEN, AgriLife Research Center Giovanni MUNOZ, Food and Agriculture Organization of the United Nations (FAO) Izzet OZTURK, Istanbul Technical University (ITU) Ali Unal SORMAN, Middle East Technical University (METU)	
10:20	Discussion	
10:50	Closing Remarks	
11:00	Closing	
Session 2: Water-Food-Energy Nexus		
Moderator:	Jerome DELLI PRISCOLI, United States Army Corps of Engineers (USACE); World Water Council	
11:15	Opening remarks by Jerome DELLI PRISCOLI, United States Army Corps of Engineers (USACE); World Water Council	
11:25	Panelists (in alphabetical order) Dogan ALTINBILEK, Turkish Hydropower Association (TURSEB) Luis BERGA, International Commission on Large Dams (ICOLD) Mokhtar BIZOUI, World Water Council Jian Huan MENG, World Wildlife Fund (WWF) Yarash E. PULATOV, Tajikistan Hydraulic Engineering and Land Reclamation Institute Richard TAYLOR, International Hydropower Association (IHA)	
12:25	Discussion	
12:50	Closing Remarks	
13:00	Closing	

High Level Panel III - Urban Water Services

Date: May 5, 2011	Time: 09:00-11:00	Room: 3 (Ayvansaray)
Moderator:	Ahmet SAMSUNLU , Istanbul Technical University (ITU)	
09:00	Opening remarks by Ahmet SAMSUNLU , Istanbul Technical University (ITU)	
09:10	Panelists (in alphabetical order) Necati AGIRALIOGLU , Istanbul Technical University (ITU) Pierre LACONTE , Foundation for the Urban Environment (FFUE) Marta MORETTI , International Centre Cities on Water Karl Heinz ROSENWINKEL , Leibniz University of Hannover Waleed Ahmad SUKKAR , Advisor to the Minister of Water and Irrigation, Jordan Oktay TABASARAN , Istanbul International Water Forum Advisory Board Yordan UZUNOV , UN Secretary-General's Advisory Board on Water and Sanitation (UNSGAB)	
10:20	Discussion	
10:50	Closing Remarks	
11:00	Closing	

Regional Focus Meetings

The 2nd Istanbul International Water Forum will primarily focus on the water-related issues of the Middle East, Central Asia, Eastern Europe and Turkey. In the process of shaping the Forum's thematic content, a series of Regional Focus Meetings were held for each of the Forum's focal regions prior to the Forum, in order to exchange experiences, discuss ideas and seek common solutions to the regional water problems in question. Another round of such meetings will be held during the Forum itself, which will focus on the issues that were most highlighted in the first series.

In the light of the outcomes of the first series of Regional Focus Meetings, a group of prominent international and regional water professionals and civil society representatives will gather around the table to discuss regional water challenges and possible solutions under the following main themes:

Central Asia Focus Meeting:

"Agricultural Challenges Focusing Food Security-Regional and National Perspectives"

Eastern Europe Focus Meeting:

"Integrated Water Resources Management"

Middle East Focus Meeting:

"Water and Food Security and Regional Technical Cooperation on Water"

Turkey Focus Meeting:

"Agricultural Water Management and Food Security"

The outcomes of these meetings are expected to provide valuable technical and intellectual input to the 6th World Water Forum in 2012.

We kindly would like to remind you that the Regional Focus Meetings will be held as closed meetings and only a number of invited participants will be able to attend.

Side Events & Special Events

Tuesday May 3rd, 2011

Time: 13:30-14:30	Room: 9 (Haskoy)
How to Prepare the Next World Water Forum of Marseille – France, 12-17 March 2012?	
Convenor:	World Water Council
<p>This side event undertaken by the World Water Council will discuss the roadmap of 6th World Water Forum, 2012 in Marseille. Officers from WWC and French Water Partnership will account for the proposed method and associated steps that will be implemented during the preparation stage of next World Water Forum, starting now until March 2012. Also priorities for action within the proposed framework and action plans to reach concrete solutions will be addressed.</p>	

Time: 14:00-18:45	Room: 10 (Balat)
Istanbul Water Consensus	
Convenors:	Istanbul Metropolitan Municipality (IBB) and United Cities and Local Governments (UCLG)
<p>The Istanbul Water Consensus (IWC) is a non-binding agreement among cities across the globe to initiate progress with regards to water issues in the face of global changes, including urbanization and climate change. The IWC calls on authorities to adapt their water infrastructures and services to the emerging challenges they are facing.</p> <p>A strong international mobilisation of the stakeholders will be an important step for ensuring an effective process.</p> <p>In this respect, the “Champion Cities” of the IWC united to combat against the effects of global changes. The Champion Cities who signed the declaration are Baguio, Brisbane, Buenos Aires, Bukoba, Durban, Entebbe, Incheon, Istanbul, Kampala, Kisumu, Léon, Lyon, Marseilles, Muleba, Paris, Rotterdam, Vienna and Zaragoza. By signing the Istanbul Water Consensus, a Champion City aims at fulfilling the following roles:</p> <ul style="list-style-type: none"> • Encouraging other local authorities to sign the Istanbul Water Consensus; • Coordinating a topic around issues that local authorities face with regards to water and global changes; • Serving as an ‘IWC Ambassador’ during events and conferences that are related to water and sanitation issues, including the achievement of the Millennium Development Goals and the implications of urbanization and climate change; • Sharing experiences, knowledge and tools with other signatory cities to the IWC to contribute to scaling up sustainability in local water management; • Being involved in the follow-up process to ensure cooperation with the 6th World Water Forum in 2012. 	

Time: 14:00-15:45	Room: 5 (Aynalikavak II-III)
Women and Water Policies	
Convenors:	Soroptimist International (SI) of Turkey & Turkish Business and Professional Women Federation
<p>The aim of this side-event is to enlighten public and create awareness about “women and water partnership both economically and politically” by the co-operation of two international women NGOs. Having the main goal of empowering women’s status in public, SI of Turkey follows the Soroptimist International of Europe’s 2009-2011 main theme “Soroptimists Go For Water”. Comparably, the International Federation of Business and Professional Women aims to help women to improve their personal capacities, create programs and projects to increase employment, increase the leadership and management capacity of women.</p>	

Time: 16:15-18:00	Room: 5 (Aynalikavak II-III)
Strategy for Adaptation to Climate Change Impacts in the Red Sea and Gulf of Aden Region	
Convenor:	The Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden (PERSGA)
<p>PERSGA, the Regional Organization for the Conservation of the Environment of the Red Sea and Gulf of Aden, aims to perform the functions necessary for the implementation of the Jeddah Convention on a sustained and cost effective basis, aiming at rational use of living and non-living marine and coastal resources in a manner ensuring optimum benefit for the present generation while maintaining the potential of that environment to satisfy the needs and aspirations of future generations. In this side event, the strategy and program for adaptation to climate change impacts on coastal and marine environment of the Red Sea and Gulf of Aden will be addressed.</p>	

Time: 16:15-18:00	Room: 8 (Kasimpasa IV-V)
Water-Related Adaptation in Seyhan River Basin under Changing Climate	
Convenor:	UN Joint Programme
<p>This side event will be about the Community Based Adaptation (CBA) Grants Programme in Seyhan River Basin, which is initiated within the United Nations Joint Programme on Enhancing the Capacity of Turkey to Adapt to Climate Change. The CBA Grants Programme is developed and designed as a model aiming at demonstrating how to approach climate change and adaptation to climate change in a basin scale. As part of the side event, photographs taken by girls living in poor villages of Nigde Province within “Girls Let’s Take Pictures” grant project will be exhibited and also the documentary film “Journey to the Seyhan River Basin” will be demonstrated.</p>	

Wednesday May 4th, 2011

Time: 09:00-10:45	Room: 4 (Aynalikavak I)
Water and Forest: Role of Biotic Regulation of Water in Continent	
Convenor:	Ecological Movement “BIOM”
<p>This side event will be a joint organization of Ecological Movement “BIOM” and officials from Turkish Ministry of Environment and Forestry. BIOM, a Kyrgyz non-governmental organization aims to unite young specialists, scientists and leaders who address environmental problems in Kyrgyzstan and the Central Asian region. BIOM’s priority areas for 2005-2012 include: education for sustainability; biodiversity conservation; alternative energy; public participation in ecologically significant decision making; and ecological safety. In this meeting, the importance of biodiversity for sustainable and healthy forest ecosystem, thus for the continental water stock will be elaborated. Additionally, Turkish senior experts will account for the issues related to afforestation works in Turkey.</p>	

Time: 09:00-10:45	Room: 5 (Aynalikavak II-III)
Water Framework Directive: Implementations in EU and Turkey	
Convenor:	General Directorate of Environmental Management, Ministry of Environment and Forestry of Turkey
<p>Importance of this side event will be that all the details of water quality sector under the environmental sector of Turkey, which exerts efforts to take firm steps forward becoming an EU candidate, will be reviewed in legal and institutional terms in comparison with the EU and recommendations will be made as a result of the work performed due to Turkey's candidacy. This side event will primarily aim to create awareness, remind the roles of the institutions, organizations, non-governmental organizations and universities in terms of responsibilities and discuss how the works carried out will be brought together. Requirements for water resources management, not only for improving the water but also for environmental objectives, will be discussed and feedback will be gathered through the panel to be used in future practices. Cooperation possibilities with regional participants will also be investigated.</p>	

Time: 09:00-12:00	Room: 6 (Kasimpasa II)
Productivity in Water Use	
Convenor:	National Productivity Center (NPC), Turkey
<p>National Productivity Center (NPC) provides training and consultancy services to detect productivity-related needs and problems and to find solutions through its regional offices in all over Turkey. NPC also carries out research on procedures to improve the productivity in both the public and private sector enterprises. Furthermore, NPC monitors their implementation and offers recommendations. In this side event, productivity of water will be addressed by means of presentations about different topics ranging from economics of water to basin management.</p>	

Time: 09:00-11:00	Room: 7 (Kasimpasa III)
Public-Private Partnership (PPP) Model and the Management of Water Resources: Experiences and Suggestions	
Convenor:	ACTECON Consultancy
<p>The side event will account for experiences in the application of the public-private partnership (PPP) model in the field of water services and suggestions for a successful PPP project. Suggestions for a successful PPP application in irrigation based on the experiences of the first second-generation PPP program of Turkey will be discussed. Furthermore senior experts will present projects from different parts of the world where the PPP model was used and address critical legal issues on PPP legislation. Additionally, Italian PPP experience in water management will be elaborated.</p>	

Time: 09:00-12:00	Room: 8 (Kasimpasa IV-V)
Effects of Global Climate Change on Water Sources, Its Consequent Socio-Economic Burden on Women and Regional Solution Alternatives	
Convenor:	Women and Water Platform of Turkey
<p>Women's productive and reproductive roles make them the largest group of consumers globally. Therefore, women have a major impact on water consumption habits, and consequently, on the management of resources. The global reaction to climate change has reached an important level. Concerns about the impacts of climate change and the lack of progress in non-governmental organization and intergovernmental climate negotiations have stimulated women, experts, scientists, water community NGOs and governments. New perspectives on the understanding of effects of climate change to water sources need to be developed and negotiated. In this side event, women from international organizations, governmental institutions and universities will come together to discuss the urgency of implementing a new vision and a broader perspective to attain long-term water sustainability.</p>	

Time: 11:15-12:30	Room: 4 (Aynalikavak I)
Innovation and New Technologies	
Convenor:	Private entrepreneurs
<p>Innovations and new technologies help us to cope with the difficulties of water management and produce solutions. The 2nd International Water Forum has received many requests from various companies to introduce their new findings on water management. The aim of this side event is to provide a platform for companies to introduce their new technologies on water management and to share and discuss their innovative practices. This side event will therefore be a great opportunity for private entrepreneurs to meet officials, experts, users and academics of water management and to receive their demands and critics.</p>	

Time: 11:15-13:15	Room: 5 (Aynalikavak II-III)
Turkish-Dutch Cooperation on Water, Agriculture and Innovation	
Convenor:	Dutch Ministry for Economic Affairs, Agriculture and Innovation
<p>The Netherlands and Turkey already cooperate in many areas of agriculture. State officials and academics from both Turkey and the Netherlands will account for topics ranging from water supply, water demand to water quality and search for opportunities to enhance the current cooperation and to spread it to new areas.</p>	

Time: 14:00-18:45	Room: 5 (Aynalikavak II-III)
Water Issues and Case Studies in Turkey	
Convenor:	General Directorate of State Hydraulic Works (DSI)
<p>This special event will aim at informing the participants and receiving their opinions on the subtopics that will be covered under the title of “Water Issues and Case Studies in Turkey”. The outputs of this special event will be considered for future planning. Major current water subjects in Turkey, such as floods, droughts and irrigation systems, abroad drilling works and the most important water projects (Melen System and bringing water to Cyprus) will be evaluated by related competent authorities from the General Directorate of State Hydraulic Works (DSI) and Regional Directors bringing an effective information sharing environment. This special event, from this point of view, will contribute to Turkey Focus Meeting of the 2nd Istanbul International Water Forum.</p>	

Time: 14:00-16:00	Room: 8 (Kasimpasa IV-V)
Water as an Engine for Growth: Case Studies Examining the Links between Water and Green Growth	
Convenor:	Korean Government (MLTM, PCGG, K-Water and World Water Council)
<p>In the side event, water and economic experts will be brought together to discuss the early findings from an on-going joint-research project which is carried out by the Korean Government and the World Water Council on the role that water plays in green growth. The objective will be to dissect a number of case studies to better understand the role that water can play in green growth towards achieving a greener and more sustainable economy. The event will showcase examples of case studies to demonstrate what researchers aim to gather from stakeholders all over the world at local, national and regional levels; from the private, public and NGO sectors. It is expected that the panel discussion with the audience following the presentations will help move the debate forward towards finding practical real world solutions to the problem of how to successfully grow economies, especially in developing parts of the world, without having to sacrifice the health of the hydrological and related biological systems that underpin the development needs of these societies.</p>	

Time: 14:00-15:45	Room: 9 (Haskoy)
“Matchmaking” E-Tools: Bringing Water Utilities from South Eastern Europe Together	
Convenor:	The Global Water Operators’ Partnerships Alliance/ UN-Habitat
<p>The objective of the session is to introduce GWOPA’s online tools for water operators. These tools facilitate social networking and knowledge exchange between operators, and support the identification of peer support partners for Water Operators’ Partnerships. This side event will give operators an opportunity to learn about, then interact with the tools and one another.</p>	

Thursday May 5th, 2011

Time: 09:00-13:15	Room: 1 (Kagithane)
Operation and Maintenance Practices in Agricultural Water Management	
Convenor:	General Directorate of State Hydraulic Works (DSI)
<p>Operation and maintenance in irrigation is the most important key to success for an effective, efficient and economical way in irrigation management. Turkey has tremendously progressed and has experiences to share in operation and maintenance areas. This side event will discuss various topics ranging from management and control of public irrigation systems to flood management. Officials from the State Hydraulic Works (DSI) will address different issues and share their field experiences in different areas of Turkey.</p>	

Time: 09:00-13:15	Room: 2 (Eyup)
Wastewater Management Systems and Reuse Implementations	
Convenor:	Istanbul Water and Sewerage Administration (ISKI)
<p>The well-established Istanbul Water and Sewerage Administration (ISKI) has tremendous experience in urban water management. It is a model institution which effectively and efficiently provides domestic water and wastewater services in Istanbul. In this side event, issues related to wastewater management will be addressed by senior officials from various metropolitan municipalities in Turkey. Also, field implementations from different regions of Turkey will be analyzed by officials of the executive water and sewerage administrations.</p>	

Time: 11:15-13:00	Room: 4 (Aynalikavak I)
Inbogazi Cave and Studies for Creating a New Habitat for Bats	
Convenor:	General Directorate of State Hydraulic Works (DSI)
<p>Inbogazi Cave, an important shelter for the bat population in Western Anatolia Region of Turkey will stay in Havran Dam Reservoir Area located in Havran Province of Balıkesir town. A new cave above the maximum water level was therefore built with the aim of creating a new habitat for the bats. The efforts were focused on creating a similar eco-system in this new cave and large numbers of bats started using this cave as nestling and breeding ground. In this side event, the experience gained through this project, which is the first in the world in terms of cave capacity and bat population, will be shared among the participants with the efforts of project monitoring commission and experts, so that they can be used in project development and similar projects.</p>	

Artistic & Cultural Events

The 2nd Istanbul International Water Forum will host a number of artistic and cultural events and exhibitions to complement the Forum discussions and debates. Forum participants will have the chance to experience Turkish music, dance and culture through various stage performances and attend different exhibitions of water-themed paintings, handcrafts, antiques and photographs, which will all demonstrate the importance of water in our lives.

Concerts

Tuesday May 3rd, 2011	
Time: 09:30-10:00	Room: Halic Hall
Aydın Varol Instrumental Turkish Classical Music	
Time: 19:00-20:00	Room: Halic Hall
Istanbul Live Production Musical Performance	
Conductor: Yasar TANER	
Producer: Soydan BABAYIGIT	
General Coordinator: Adem DEMIREL	
Wednesday May 4th, 2011	
Time: 19:00-20:00	Place: Garden
Dostane Musical Performance	

Exhibitions

Various exhibitions of water-themed miniature paintings, mother-of-pearl works, calligraphy, ebru and tezhip artifacts, oil paintings, 3-D photographs and antiques will be organized throughout the Forum venue.

We would like to cordially thank Ozcan OZCAN, Eda Funda OZKAN, Ahmet SEZEN, Zehra CEKIN, Tulin GONULTAS, Gulcan BAL, Merve EROGLU, Ismet Ender ENON, Ahmet BOZKURT (FSK Photographic Arts Society), artists of the Istanbul University Turkish Ornamental Works Atelier, Soroptimist International of Turkey and Adell Armature and Valve Manufacturing Co. Inc., for their valuable contributions to the artistic and cultural component of the 2nd Istanbul International Water Forum.

Water Expo

A Water Expo will be organized within the 2nd Istanbul International Water Forum venue, which will be a flexible and inclusive space for the participation of various organizations and firms related to the water sector that wish to present their services, products, activities and works. The Water Expo will bring together key decision-makers from a large number of water authorities and companies around the world and thus will constitute a perfect place to facilitate new business opportunities and provide an advantageous atmosphere for networking with potential new customers.

The Water Expo exhibitors are listed below.



5th World Water Forum Secretariat



General Directorate of State Hydraulic Works (DSİ)



Ministry of Environment and Forestry of Turkey



General Directorate of Forestry of Turkey



Environmental Protection Agency For Special Areas (EPASA)



General Directorate of State Meteorology Affairs of Turkey



Istanbul Water and Sewerage Administration (İSKİ)



AGBAR



ANDRITZ HYDRO GmbH



Alarko



ECE TUR - Ibrahim Tasbasi Group of Companies



AYKON



ERCIYAS Steel Pipe Co.



Ima Engineering Construction and Trade Ltd.



FERNAS



ESER Project and Engineering Co. Inc.



Hidro Dizayn Engineering Consultancy Construction and Trade Inc.



BM Holding



The International Journal on Hydropower and Dams



Bank of Provinces of Turkey



Konya Water and Sewerage Administration (KOSKI)



Ozaltin Holding Inc.



Samsun Machine Industry Co. Inc.



Women and Water Platform



Umrans Steel Pipe

UMRAN



USAS Ugur Serdaroglu Inc.



Unal Group



Aktas Holding Akizo Insulation Systems Inc.



NTF Construction

Useful Information on Istanbul

Local Time

Local time in Istanbul is GMT + 2 hours.

Working Hours

Banks are open weekdays from 8.30 until noon (or 12.30), depending on the bank, and from 13.30 until 17.00. However, there are some banks which continue to serve during lunch breaks.

Museums are generally open from Tuesday to Sunday from 9.30 until 17.00 (or 17.30) and closed on Monday. Shops and bazaars are normally open from Monday to Saturday from 9.30 to 20:00 and closed all day on Sundays. But shopping malls and stores on crowded streets are open seven days a week, including lunch breaks. You can find restaurants or cafes open virtually at any time of the day or night.

Currency and Exchange

As of January 1, 2009, the monetary unit in Turkey was changed to the Turkish Lira (TL), which comes in bank notes of 5 TL; 10 TL; 20 TL; 50 TL; 100 TL and 200 TL. Smaller denominations will come in coins of 1 TL; 50 Kr; 25 Kr; 10 Kr; 5 Kr; and 1 Kr. "Kr". stands for "Kuruş". 100 Kuruş is worth 1 Turkish Lira.

Exchange rate is around 1 USD = 1,5 TL and 1 EURO = 2,20 TL. The most recent exchange rate values may be accessed at the website of the Central Bank of the Republic of Turkey (www.tcmb.gov.tr/yeni/eng). Convertible foreign currency can be exchanged at the airport, hotels and exchange offices as well as at all banks in accordance with the daily announced exchange rates at that time.

In Turkey travelers' checks are rarely accepted. We recommend that you cash your travelers' checks at the banks.

ATMs can be found in even the smallest Turkish towns. Most accept international credit cards or bank cards (a strip of logos is usually displayed above the ATM). Almost all ATMs have a language key to enable you to read the instructions in English.

VAT & Service Charges

Value-added tax, here called KDV, is 18%. Hotels typically combine it with a service charge of 10% to 15%, and restaurants usually add a 15% service charge. Value-added tax is nearly always included in quoted prices. Certain shops are authorized to refund the tax (please ask).

Credit Cards

International credit cards are widely used in Turkey. Major credit cards (American Express, Visa, Diner's Club, MasterCard, Access, JCB, Eurocard, etc.) are accepted in most establishments. Most ATMs accept international credit/bank cards.

Climate & Clothing

The average temperature in Istanbul in May is likely to be relatively warm, with average highs of 21°C. Lighter clothes are advisable.

Electricity Supply

The electrical current in Turkey is 220 volts, 50 cycles alternating current (AC). Wall outlets take Continental-style plugs with two round prongs.

Mail

Post offices are painted bright yellow and have PTT (Post, Telegraph, and Telephone) signs on the front. The central Post office is open from Monday to Saturday from 08:00 to 21:00, Sunday from 09:00 to 19:00. Smaller ones are open from Monday to Friday between 08:30 and 17:00.

Communications

Turkey has a highly sophisticated communication system. In addition to the usual postal and telephone services, GSM telephones can be used through international roaming agreements. Please contact your GSM Operator for more information. It is possible to use most cellular phones in Turkey.

Public telephones have two different systems. Some of them work with cards while others work with tokens. They are both sold in post offices and tobacco shops. For international calls it is advisable to purchase cards.

All over Turkey, phone numbers consists of two sections: area code with three digits and the number itself with 7 digits.

Same area / city calls: just dial the 7-digit number

From area to area: dial 0 + area code + 7-digit number

International calls: dial 0 + 0 + country code + area code + number

Communications

Turkey has a highly sophisticated communication system. In addition to the usual postal and telephone services, GSM telephones can be used through international roaming agreements. Please contact your GSM Operator for more information. It is possible to use most cellular phones in Turkey.

Public telephones have two different systems. Some of them work with cards while others work with tokens. They are both sold in post offices and tobacco shops. For international calls it is advisable to purchase cards.

All over Turkey, phone numbers consists of two sections: area code with three digits and the number itself with 7 digits.

Same area / city calls: just dial the 7-digit number

From area to area: dial 0 + area code + 7-digit number

International calls: dial 0 + 0 + country code + area code + number

Eating Out

Turkish Cuisine is one of the best in the world. One may dine at any of the hundreds of good restaurants to be found on every corner of the city, serving Turkish and/or international cuisine.

Tipping

Tips are generally not included in bills. In any case tipping is your prerogative, a reward for service. 10% is the generally applied rate.

Shopping

Istanbul is a shoppers' paradise with beautiful hand-woven carpets, leather goods, gold bargains and fashion products. The fascinating Covered Bazaar and Spice Market make shopping an irresistible pleasure.

Many people come to Istanbul just to shop. The Kapalı Çarşı (Covered Bazaar), or Grand Bazaar, is the most logical place to start as the variety is immense. Still the commercial centre of the old city, the bazaar is the original shopping "mall" with a vast selection of carpets, souvenirs clothes, shoes, jewellery, and handicrafts made from ceramic, copper and brass.

The Mısır Çarşısı is good for picking up spices, Turkish delight, flavoured teas, and small souvenirs. The sophisticated shops in the Taksim and Nişantaşı districts contrast with the chaos of the bazaars. İstiklal Caddesi and Cumhuriyet Caddesi have shops selling elegant fashionwear made from Turkey's high quality textiles. Exquisite jewellery, as well as finely designed handbags

and shoes can also be found. Nişantaşı is the main area for clothes by top Turkish designers. For an even more modern, European shopping experience, the huge new malls have European outlets, Turkish fashion shops, branches of Istanbul's most elegant shops, as well as restaurants and cinemas. In Istanbul's busy flea markets there is an astonishing assortment of good, both old and new.

Tax-Free

Visitors who do not reside in Turkey are able to reclaim VAT on goods purchased in tax-free shops. Look for the tax-free sign in the shops and remember to ask for the VAT or reclaim form at the time of purchase. The shop assistant will ask to see your passport.

For Emergencies

In case of emergency contact the registration or information desk or dial 155 for police, 112 for ambulance and 110 for fire. There are a number of pharmacies throughout the city. Look for the sign "Eczane ". They are usually open from Monday to Saturday from 09.00 to 19.00 and pharmacists in each district take turns to provide a 24-hour service. The names of the pharmacist on duty at night and weekends are listed in the window of the other pharmacists' shops.

Emergency Numbers

Emergency:	112
Fire:	110
Police:	155
Unknown numbers service:	118 80

The Forum Secretariat



Steering Committee

Prof. Ahmet Mete SAATCI
Akif OZKALDI
A. Cuneýt GEREK
Adem Avni UNAL
Salim FAKIOGLU
Dr. Ipek ERZI
Hamza OZGULER

Advisory Board

Prof. Dogan ALTINBILEK
Ozden BILEN
Sumru NOYAN
Prof. Hasan Z. SARIKAYA
Prof. Ali Unal SORMAN
Prof. Oktay TABASARAN
Prof. Aysegul TANIK
Prof. Ilter TURAN
Assoc. Prof. Ebubekir YUKSEL

Secretariat Members

Thematic Process

Dr. Huseyin GUNDOGDU
Kevser SENTURK
Ayse AYDIN
Irmak I. BENLI

Regional Process

Central Asia Desk

Rezzan HASANBESEOGU
Caner AKTAS
Gonca UN

Eastern Europe Desk

Emel CAKIR
Elif Ela ATAKAN

Middle East Desk

Idil YILMAZ
Yunus OZLEYEN
Esra TURKMENOGLU

Turkey Desk

Emine YILMAZ
Ulfet UNAL

High Level Panels

Osman TIKANSAK

Side Events

Burak TASTAN

Istanbul Water Consensus

Aylin KULTUREL

Logistical Coordination

Didem OZATAY
Fikret ERIS

Artistic & Cultural Events

Kader DAIMAGULER

IT Department

Nezih YALCINKAYA
Adnan BIRGUCU

Financial Advisor

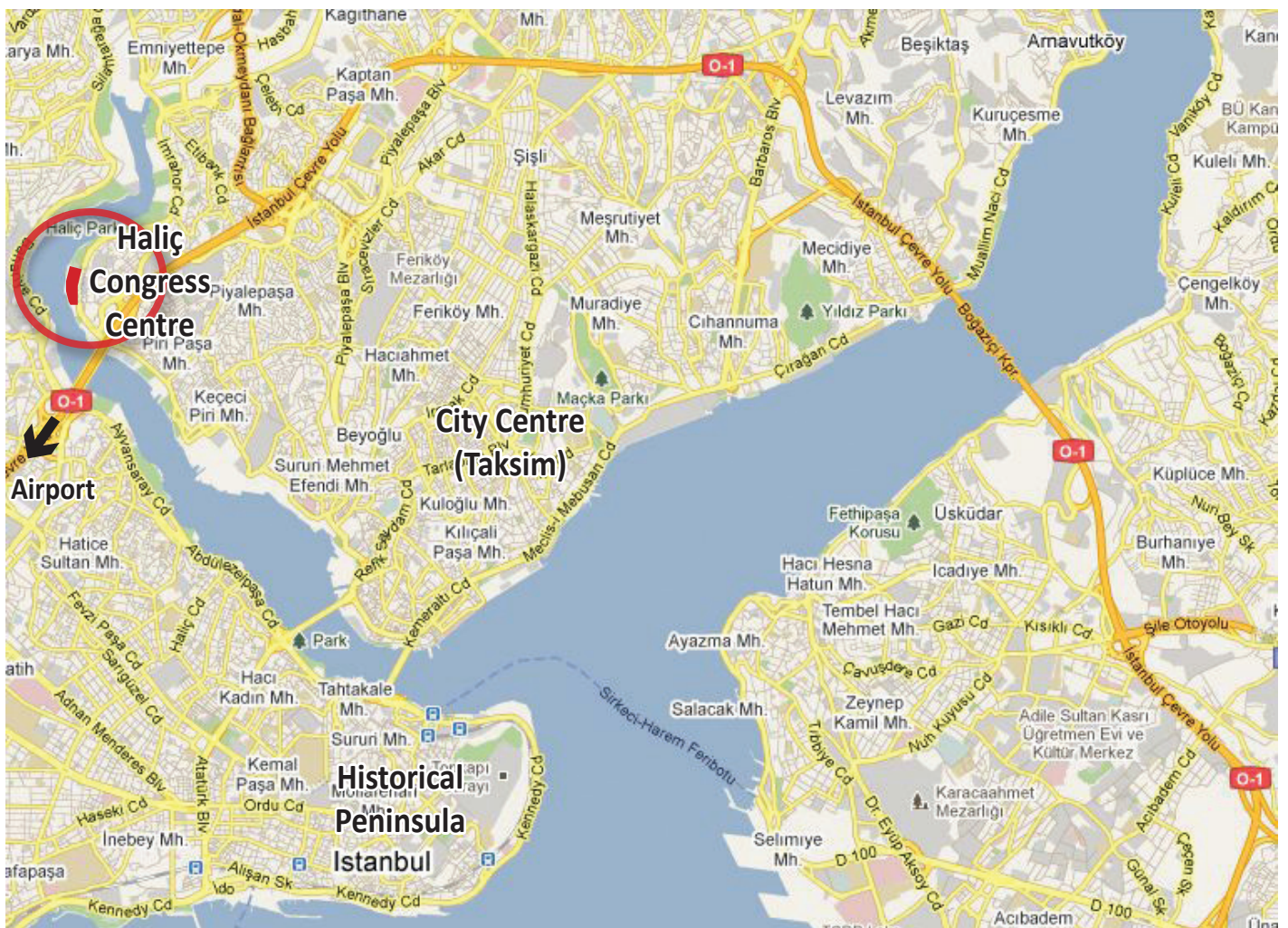
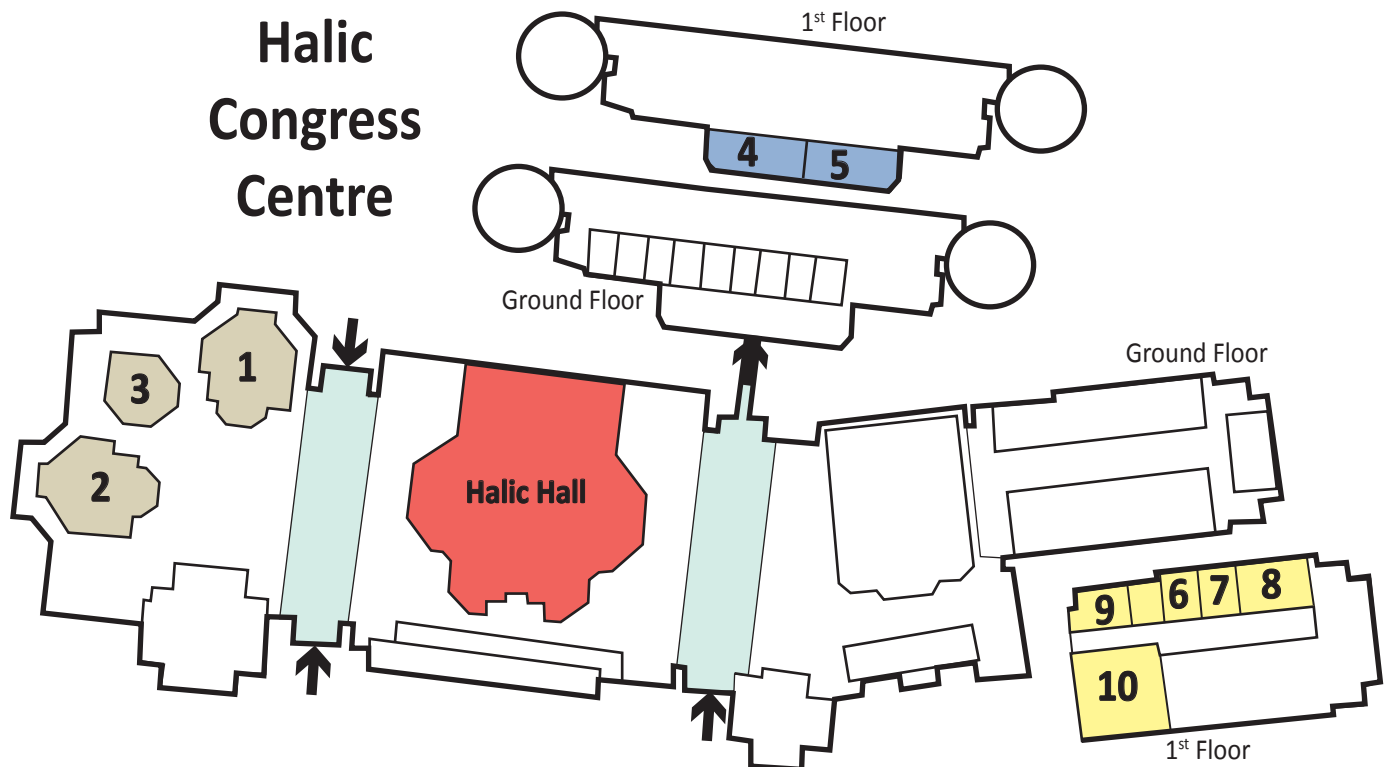
Yasar KAYA

Administrative Affairs

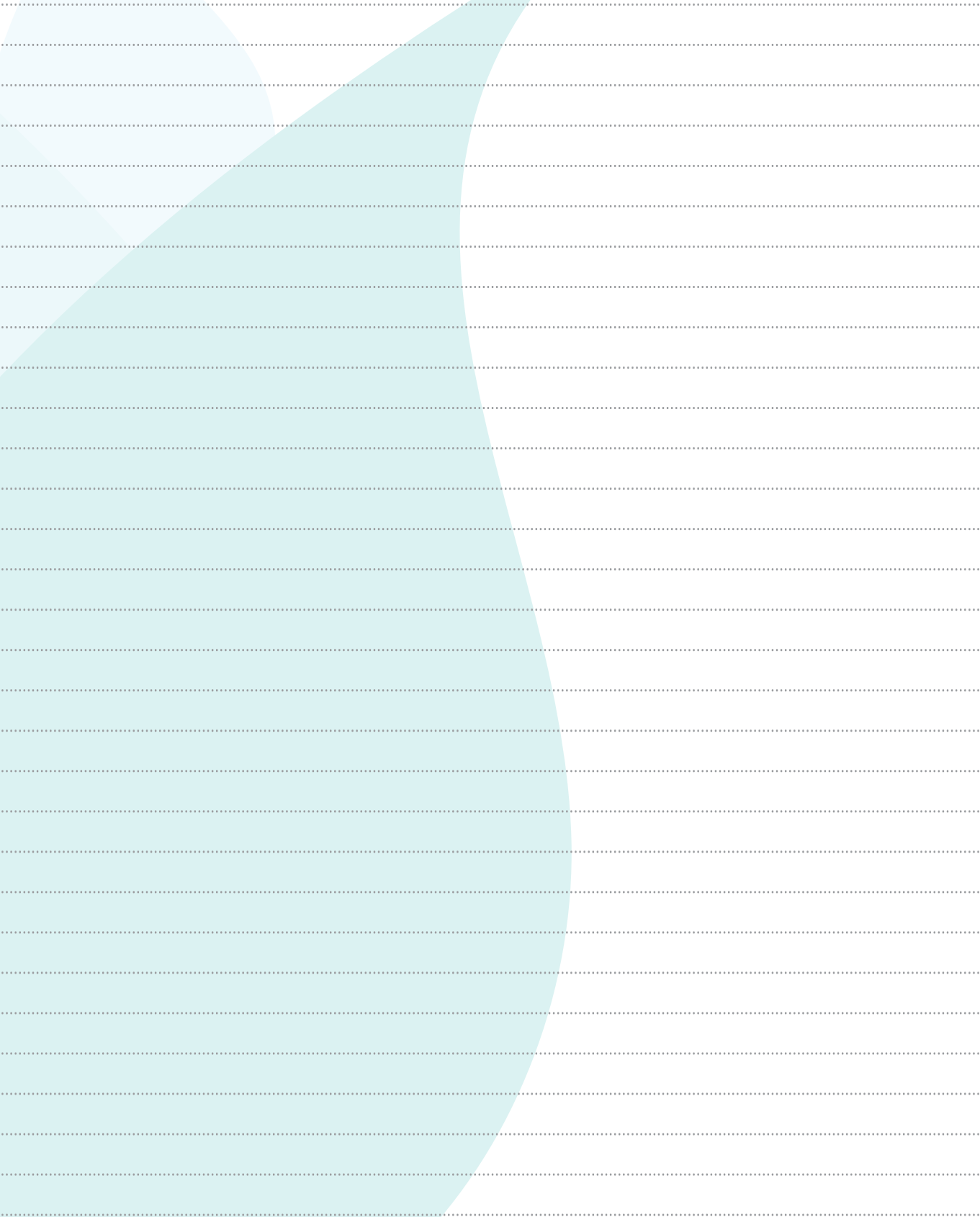
Suzan OZSEVEN
Birgul AGCA

Logistical Support

Bulent KILBAS
Ibrahim AYAYDIN
Hakan OZSEN



Notes



A series of horizontal dotted lines for taking notes, spanning the width of the page below the header.

Notes



ISTANBUL
INTERNATIONAL
WATER FORUM

Forum Secretariat

14th Regional Directorate
of DSI (State Hydraulic Works)
Libadiye Caddesi No: 54
Kucukcamlica - Uskudar
34696 Istanbul/TURKEY
Tel.: +90 216 325 49 92
Fax: +90 216 428 09 92
Website: <http://www.iusf.org.tr>