

## **College 2 Governments and government authorities**

# Agence de l'Eau Seine-Normandie- AESN

### ① Organisation General Information

- ► Nationality of the Organisation: France
- ► Year of establishment: 1968
- ► Website: www.eau-seine-normandie.fr

► Field(s) of expertise and activities: Water Resources Management, Environment or ecosystems, Water supply or sanitation, Education and capacity building, Regulation and governance, Economics or finance

► Geographical Scope of activities/expertise: Global

▶ Description of Activities: Seine Normandy Water Agency is one of the six water agencies responsible for the French watersheds. It is a public establishment within the Ministry of ecology and sustainable development but has its own legal framework and is financially autonomous. AESN redistributes money collected from users who pollute and grants financial subsidies to municipalities, industries, farmers and NGOs undertaking public works or repairs to improve Water Resources Management and fight against pollution. Its responsibility is also to analyse the environment of its watershed, lead studies and research, and organise all means necessary to achieve the quality status as required by the Water Framework Directive. Research and financial means allow for multi-year programmes which are discussed and approved by the SN Basin Committee, a water parliament representing all users. The two priorities of the 9th programme (2007-2012) are aquatic environment and public health. On international matters, AESN has been very active through financial support and institutional expertise for the past 15 years. Within the "decentralised cooperation" law (2005) AESN spends 0,2% of its financial resources to support water supply and sanitation projects in developing countries. It has also developed a policy to twin watersheds in different countries and also participates in various international conferences and networks.

### **②** Representatives Information

- ► Governor representative: Mr. Guy Fradin
- ▶ Position within its organisation: General Director
- Alternate representative: Mr. Jean-Paul Rivaud
- ▶ Position within its organisation: International coordinator of european and international affairs



#### ③ Statement:

► Involvement of the candidate organisation within the World Water Council: Seine Normandy water agency has been involved in international matters for the past 15 years. It became an

active member of the WWC from the very beginning. The General Director M FRADIN was elected Governor at the Mexico general assembly in 2006. Ever since he has been very active on the Board and in the various

works of the WWC defending mainly the cause of sanitation as well as the right to water supply and sanitation.

► Reasons for which the candidate organisation wishes to have a seat on the Board: The French state was willing to be represented at the World Water Council by AESN for two reasons. First, AESN is a main public establishment in charge of water management and sanitation issues in France, and second, AESN and its director are involved in international affairs. As waste water treatment is at the heart of AESN's activities, the organization has taken a lead role in promoting sanitation at an international level and presented a session on the benefits of sanitation at Mexico's WWF. It organized an international workshop on urban sanitation within the framework of the International Year of Sanitation (2008) and the lessons learned were presented at a session in Istanbul WWF5. M Fradin also participated in a high level panel on the subject. In terms of decentralised cooperation AESN is very active. It tries to help projects not only in terms of financial support but also refers to integrated water resource management, governance, financial organisation, public consultation, training, education.... We hope AESN involvement and the contribution of other water agencies will raise public and political awareness at an international level.

| Country Organisation is based | Status        | World Water Council<br>members since | Website                        |
|-------------------------------|---------------|--------------------------------------|--------------------------------|
| France                        | Active member | 1996                                 | www.eau-seine-<br>normandie.fr |



## **College 2 Governments and government authorities**

# Agencia Nacional De Aguas- ANA

### **①** Organisation General Information

- Nationality of the Organisation: Brazil
  - ► Year of establishment: 2000
- Website: www.ana.gov.br

► Field(s) of expertise and activities: Water Resources Management, Environment or ecosystems, Water supply or sanitation, Education and capacity building, Regulation and governance

► Geographical Scope of activities/expertise: National

► Description of Activities: The National Water Agency is responsible for implementing the national water policy established by Law 9433/1997 in coordination with public and private representatives incorporated in the National Water Resources System. It regulates water bodies under federal jurisdiction; grants water permits, enforces water use control and applies water charges. It also supports the creation of river basin committees. The Agency applies Water Resources Management practices based on the following principles: water is a public good and has an economic value; the river basin is the territorial unit of management; multiple uses must be considered in any hydraulic development project; water provision to humans and animals is a priority and water must be managed in a decentralized and participatory way.

### **②** Representatives Information

- Governor representative: Mr. Paulo Varella
- ► Position within its organisation: Director
- Alternate representative: Mr. Ricardo Andrade
- ► Position within its organisation: Superintendent

### ③ Statement:

► Involvement of the candidate organisation within the World Water Council:

The National Water Agency (ANA) has been involved in the WWC since 2002 and most lately as its Vice President (2003-2009) and member of the BoG. Throughout the years, it has contributed to fostering the dialogue on water policy at national levels, thus increasing political mobilization and raising awareness among all stakeholders involved in water management at the national, regional and local levels of government.



► Reasons for which the candidate organisation wishes to have a seat on the Board: ANA is responsible for implementing water policy that affects 12% of the world's water resources. It is also considered a pioneer in water management in Latin America. ANA's long-standing experience can play a significant role as a catalyst of mobilization in the Americas region. It will be able to share its experience with other partners within the BoG and contribute to the implementation of regional initiatives on challenges that are facing the region.

| Country Organisation is based | Status        | World Water Council<br>members since | Website        |
|-------------------------------|---------------|--------------------------------------|----------------|
| Brazil                        | Active member | 2002                                 | www.ana.gov.br |



## **College 2 Governments and government authorities**

# **Comision Nacional del Agua- CONAGUA**

### **①** Organisation General Information

- Nationality of the Organisation: Mexico Year of establishment: 1989
- Website: www.conagua.gob.mx

► Field(s) of expertise and activities: Water Resources Management, Basic Human needs or health, Development of infrastructure, Climate or natural hazards, Environment or ecosystems, Water supply or sanitation, Agriculture or food production, Education and capacity building, Human settlements or habitat, Regulation and governance, Economics or finance

► Geographical Scope of activities/expertise: National

Description of Activities: The National Water Commission of Mexico is an administrative. normative, technical, consultative and decentralized agency of the Mexican government. The CONAGUA mission is to manage and preserve Mexico's water and its inherent public goods, bringing about the sustainable use of these resources with the co-responsibility of the three levels of government and society-at-large. To this end, it promotes the participation of civil society groups, water users associations, water operators and other governmental instances in Integrated Water Resources Management, in conformity with Mexico's National Water Law. The budget for water in Mexico is approximately 60% of the total environmental budget in Mexico. The CONAGUA also allocates the water-related budget for the 32 states in Mexico. The CONAGUA strategic goals are established in its National Water Program, which includes the national public water policies established according to the MDG targets. Furthermore, it promotes a long term water agenda towards 2030. The CONAGUA also assures the official representation of Mexican interests in the international water context, in coordination with the President's Office and the Ministry of Foreign Affairs. It represents Mexico at the Iberoamerican Water Directors Conference, International Commission on Large Dams (President seat), International Commission on Irrigation and Drainage, World Meteorological Organization, INBO, as well as the International Commissions on Transboundary Water Issues with the USA, Guatemala and Belize.

### **2** Representatives Information

- Governor representative: Mr. José Luis Luege Tamargo
- Position within its organisation: Director General of the National Water Commission
- Alternate representative: Mr. Marco Antonio Velázquez Holguín
- Position within its organisation: Deputy Director General for Planning



#### ③ Statement:

► Involvement of the candidate organisation within the World Water Council: The CONAGUA has been an active member of the WWC since 1997. The CONAGUA was coopted as a member of the Board of Governors from 2002-2003 and was then elected to the BoG from 2003 to 2006, which was also the year in which the 4th World Water Forum was held, for the first time on the American continent. The CONAGUA spent two and a half years organizing the Forum in close cooperation with the WWC, which as well as having a positive impact on the political importance of water management in Mexico, also allowed the CONAGUA to strengthen its existing strategic links and establish new ones with a number of other organizations and countries. The success of the Forum owed much to the strong financial, technical and moral investment made by the Mexican government through the CONAGUA, added to by the close cooperation between the CONAGUA and the WWC, and the targeted collaboration between the organizers and the many different organizations working on the thematic, regional and political processes. The 4th World Water Forum's particular focus on the importance of the local level of action in water management rendered a database of over 1400 local water actions, and also resulted in local elected officials being involved in the Forum for the first time, thus bringing together national governments, local governments and legislators to discuss water issues. Despite not having stood for election at the last General Assembly, the CONAGUA would now like to stand for re-election. The CONAGUA has been a permanent observer on the BoG in the current mandate, and over the last three years the CONAGUA has continued this strong working relationship with the WWC, the organizers of the 5th World Water Forum and other international and national organizations and institutions, and would now like to intensify this collaboration for mutual benefit. The CONAGUA has great experience on a large number of water-related issues. and would like to bring this expertise to the international debate with experts from other countries and disciplines, as well as making a series of concrete contributions with the long term aim of improving water management in the world.

► Reasons for which the candidate organisation wishes to have a seat on the Board: The collaboration up to now between the CONAGUA and the WWC has been of great mutual benefit. The CONAGUA is proud to be an active member of the WWC, and intends to further enhance this contribution as a member of the Board of Governors. This effort is part of the CONAGUA's new and broader international vision, which will see it play a more active role in international water issues. The CONAGUA, as the organization that officially deals with water issues in Mexico, is able to mobilize government resources to support its ambitious plans so as to ensure a strong presence of organizations from Mexico and the American continent in the various processes of the WWC and the 6th World Water Forum.



The CONAGUA thus proposes to play a federating role for the American continent in the international arena. In this respect, it proposes the following points of action for the coming three-year mandate, which it is fully prepared to assume:

- Strong support for the Americas Regional Process, ensuring far-reaching political and thematic outputs from this process as an input to the 6th World Water Forum

- Organizing a multi-stakeholder Regional Water Summit in the Americas in preparation of the 6th World Water Forum

- Leading a task force or panel for one of the themes or topics of the 6th World Water Forum, such as climate change, water data, transboundary issues, etc.

- Direct support to the Secretariat of the 6th World Water Forum and the WWC with key individuals from the 4th World Water Forum Secretariat, to ensure the transition of the experience gained in the 4th World Water Forum

- Creating a WWC/Forum Support Office within the CONAGUA

- Translating the WWC's and 6th World Water Forum's main messages, documents and information into Spanish and disseminating them to a wide audience

- Producing a Spanish-language version of the WWC website

- Actively promoting WWC membership with Mexican organizations and others from the continent

- Providing technical and logistical support on IT solutions (collaborative platform, website, etc).

| Country Organisation is based | Status        | World Water Council<br>members since | Website            |
|-------------------------------|---------------|--------------------------------------|--------------------|
| Mexico                        | Active member | 1997                                 | www.conagua.gob.mx |



The full detailed candidatures may be found on the General Assembly website at <a href="http://ga.worldwatercouncil.org">http://ga.worldwatercouncil.org</a>



**College 2 Governments and government authorities** 

# General Directorate of State Hydraulic Works -Turkey- DSI

### **①** Organisation General Information

Nationality of the Organisation: Turkey

- ► Year of establishment: 1954
- ► Website: www.dsi.gov.tr

► Field(s) of expertise and activities: Water Resources Management, Basic Human needs or health, Development of infrastructure, Climate or natural hazards, Environment or ecosystems, Water supply or sanitation, Agriculture or food production, Education and capacity building, Regulation and governance

► Geographical Scope of activities/expertise: National

Description of Activities: The General Directorate of State Hydraulic Works (DSI in Turkish) acronym) with a legal entity and supplementary budget is the primary executive state agency of Turkey for the nation's overall water resources planning, managing, execution and operation. The main objective of DSI is to develop all water and land resources in Turkey. It aims at all the wisest use of the principal natural resources. DSI was established by Law 6200 in December 18, 1954, as a legal entity and brought under the aegis of the Ministry of Environment and Forestry. It is charged with "single and multiple utilization of surface and ground waters and prevention of soil erosion and flood damages". For that reason, DSI is empowered to plan, design, construct and operate dams, hydroelectric power plants, domestic water and irrigation schemes, flood control and environmental projects. The DSI's purpose "to develop water and land resources in Turkey" covers a wide range of interrelated functions. These include irrigation; hydroelectric power generation; domestic and industrial water supplies for large cities; recreation; research on water-related planning; design and construction materials. Projects, master plan and feasibility reports are prepared and supervised by DSI for the development of water resources. In this respect, required main data are collected by DSI from the river basin surveys which are related to flow and meteorological, soil classification, agricultural economy, erosion, maps, geological conditions and other issues.

### **②** Representatives Information

- ► Governor representative: Mr. Haydar Kocaker
- ► Position within its organisation: Director General
- ► Alternate representative: Mr. Akif Ozkaldi
- ▶ Position within its organisation: Deputy Director General



### ③ Statement:

► Involvement of the candidate organisation within the World Water Council: As being the leader organisation in the water sector in Turkey, General Directorate of State Hydraulic Works has been involved within the World Water Council since 2000. From the beginning, DSI's representative, at the highest level, was a member of the Board of Governors. Being the co-organizer of the 5th World Water Forum in 2009 in Istanbul, DSI would like to share the experience and knowledge with its counterpart organisations funtioning at the decision making level, namely the BoG of the WWC. In addition to this, DSI would like to transfer the information gained during the Forum preparations to the related organisation.

► Reasons for which the candidate organisation wishes to have a seat on the Board: The main reason is to actively be involved in the water issues on the international agenda and

develop our capacity for the function of coordination at the national level. In addition, we would like to provide and to share every essential and important knowledge and experiences of the fifth Forum for preparatory process of the sixth Forum at a high level. During the preparatory process of the 5th Forum, DSI, as a regional coordinator of the special region «In and Around Turkey» organized 26 preparatory meetings with special topics to discuss the local issues related to water and to reflect the problems and probable solutions to the Forum week sessions. This regional coordination is a very essential activity and practice within the Forum processes. DSI wishes to develop and endorse all this know-how and collaboration retaled to water.

| Country Organisation is based | Status        | World Water Council<br>members since | Website        |
|-------------------------------|---------------|--------------------------------------|----------------|
| Turkey                        | Active member | 1999                                 | www.dsi.gov.tr |



## **College 2 Governments and government authorities**

# ICLEI - Local governments for sustainability-ICLEI

### **①** Organisation General Information

- Nationality of the Organisation: International
  - ► Year of establishment: 1990

Website: www.iclei.org

► Field(s) of expertise and activities: Climate or natural hazards, Environment or ecosystems, Water supply or sanitation, Human rights or social issues, Human settlements or habitat

► Geographical Scope of activities/expertise: Global

Description of Activities: ICLEI was founded in 1990 to create an association of cities working together on projects and campaigns for sustainability modelled on the UN Rio Summit. ICLEI today is a worldwide network of more than 1,000 cities, towns and counties, in 67 countries worldwide, representing over 400 million people. Our member cities are tackling similar environmental management and sustainability challenges. We support each other through workshops and shared learning. ICLEI campaigns include climate mitigation and adaptation, green procurement, water efficiency and pollution prevention, biodiversity, renewable energy, green building, and waste management. Our member cities mobilise politically to support innovative practices from the ground up. ICLEI is a leading advocate for local governments before national and international governments, agencies and organisation, with a significant voice in the climate debate. Because of the key role of the local governments in many aspects of water management, ICLEI participates in World Water Forums and other global water sector events. As the impacts of climate change on water resources are growing, ICLEI assists its member cities in preparing adaptive strategies but also in bringing in their national governments and international institutions. This led to ICLEI participation in drafting and promoting the Istanbul Water Consensus, which combines local commitment with a call for national and international action.

### **②** Representatives Information

- Governor representative: Mrs. Margaret Pageler
- ► Position within its organisation: Executive Committee Member
- Alternate representative: Mrs. Martha Delgado Peralta
- ▶ Position within its organisation: Secretary of Environment



#### ③ Statement:

► Involvement of the candidate organisation within the World Water Council: ICLEI became a member of the World Water Council in 2006 at the Fourth World Water Forum, and ICLEI representative Margaret Pageler was elected to the Board of Governors at that time. ICLEI had previously contributed to the Third World Water Forum, Stockholm Water Week for several years, Africa Water Forum, CSD 13 and others with a water focus. In preparation for the Fifth Forum, ICLEI drafted and circulated the Istanbul Water Consensus. Mrs. Pageler represented Local Authorities on the Political Process Committee, coordinating with the Turkish secretariat, WWC staff, UCLG, and other committee members in developing the program for the Local Authorities Days at the Forum in Istanbul. ICLEI mayors and councillors served on speaker panels in sessions throughout the Forum week. ICLEI contributed to the climate adaptation thematic process, transboundary waters discussions, and several of the regional processes.

► Reasons for which the candidate organisation wishes to have a seat on the Board: Responsibilities for water and sanitation fall largely on the shoulder of local authorities. We cannot achieve the MDGs unless local governments are empowered and energised for the task. Similarly, the hydrological changes resulting from global warming will have profoundly local effects, intensifying the responsibilities of local officials. ICLEI's network of 1000 member cities worldwide is already attuned to climate change issues and is preparing to provide a new level of leadership on local climate adaptation strategies. But the role of local governments must be recognized and supported by national governments and international institutions. ICLEI's membership on the WWC Board of Govemors provides a voice for a broad range of local authorities to participate in global water policy development.

| Country Organisation is based | Status        | World Water Council<br>members since | Website       |
|-------------------------------|---------------|--------------------------------------|---------------|
| International                 | Active member | 2005                                 | www.iclei.org |



## **College 2 Governments and government authorities**

# Ministry of Environment - Aragon, Spain

### ① Organisation General Information

- Nationality of the Organisation: Spain
- ► Year of establishment: 2000
- ► Website: http://portal.aragon.es

► Field(s) of expertise and activities: Water Resources Management, Development of infrastructure, Climate or natural hazards, Environment or ecosystems, Water supply or sanitation, Human settlements or habitat, Regulation and governance

► Geographical Scope of activities/expertise: Regional

Description of Activities: Aragon is one of the 17 Autonomous Communities (regions) in Spain and holds exclusive competence in most environmental issues. Concretely, Aragon has competences in: Water, Climate Change, Atmosphere, Waste, Soils, Noise, Biodiversity, Hunting and Fishing, Natural areas, and Forest Management. The environmental policy of the Government of Aragon is ruled by three main terms: 1. Policies against climate change and clean energy promotion. Within this framework, the Ministry for the Environment of the Government of Aragon has undertaken the following actions: Development of the Aragon Climate Atlas as a tool of knowledge of the territory for climate change mitigation. Development of the Aragon Emissions Inventory in order to enable government to promote measures, preventive or corrective, efficient for environmental conservation. Creation of the Aragonese Climate Change Office as a centre that promotes the Aragonese climate change strategy and energizes public and domestic efforts to achieve an effective reduction of GHG emissions in Aragon. Launch of the Aragonese Climate Change and Clean Energies Strategy, which establishes requirements for which Aragon will reach the 20-20-20 targets set by European Directive in 2012. 2. To achieve water management excellence. This point has become a reality thanks to projects such as: • The Special Wastewater Treatment Plan of Aragon. This is an extraordinary global action on waste water treatment which involves the achievement of several positive factors: a) Early and rigorous implementation of EU's environmental policies. b) Temporal territorial challenge: 171 populated areas involved. Development of 132 WWTPs and 40 sewers in two years time. Acting on the discharges of more than 200,000 people scattered over 14,500 km2. c) Direct environmental benefits: 1.670 km of rivers with the major domestic discharges purified, which represents the treatment of 67% of the length of all rivers in the territory included in the Plan. Improvement of ecosystems, especially in highly droughtsusceptible areas. d) Social benefits: creation of employment, wealth and stability of the population: 200 permanent jobs and 2,600 during the construction phase. This plan promotes sustainable development. Moreover, the Aragon Wastewater Treatment Plan won the Water Intelligence Award as "II Best Environmental Project 2008".

5th General Assembly Marseille, France, 14-16 October 2009

## Candidates' Statements

The extraordinary success of social awareness campaigns about the rational use of water have been recognised by the DG Communication at the EU Commission. This Directorate General has also shown interest in the process of public participation of the Aragonese Climate Change and Clean Energies Strategy after its launch in November 2008. e) Supportive funding model based on the principle of cost recovery, which combines public and private collaboration. f) Warranty service on all plants through zoning system concession • The Water Quality Plan safeguards surface and groundwater quality, as well as the control of protected areas and the protection of water consumption in Aragon. It also rules the works for water supply and sanitation and purification facilities. • «Clean Rivers» and «Rivers of Quality» are social awareness campaigns on the rational use of water. • Aragon Water Commission is an institution that promotes social participation on water management. It gathers government, farmers, NGOs, environmentalist, industry, scientists and all stakeholders in the field, in order to negotiate and decide on the water rnanagement in Aragon. 3. To enhance sustainable development in this framework, the Ministry for the Environment of the Government of Aragon participated in and collaborated with EXPO Zaragoza 2008 «Water and Sustainable Development». The Ministry also was involved with the UN Office of the Water Decade, which is currently located in Zaragoza. The Ministry for the Environment of the Government of Aragon has taken on the responsibility of continuing the work of the Water Tribune (scientific pillar of the Expo Zaragoza 2008 «Water and Sustainable Development»). Currently, the Ministry for the Environment of the Government of Aragon has the important task of managing the legacy of the Water Tribune. Consequently, the Ministry for the Environment of the Government of Aragon has received special recognitions for its achievements: The Special Wastewater Treatment Plan of Aragon has been used as a good practice example by the OECD in its Horizontal Water Plan.

### **②** Representatives Information

- Governor representative: Dr. Alfredo Bone Pueyo
- ▶ Position within its organisation: Ministry of the Environment of the Government of Aragon
- Alternate representative: Dr. Rafael Izquierdo
- Position within its organisation: Director of the Aragonese Water Institute

### ③ Statement:

► Involvement of the candidate organisation within the World Water Council:

The Ministry for the Environment of the Government of Aragon, represented by Minister Bone, has participated in Kyoto, Mexico and Istambul Fora both as participant and lecturer. He has played an active role, especially in the Local and Regional Process in Istanbul. In this sense, the Ministry for the Environment of the Government of Aragon was one of the main actors in the discussion of the Istanbul Water Consensus, succeeding in excluding the concept of «water transfers between basins» as a means to avoid water scarcity. Moreover, the Ministry for the Environment of Aragon defended that these type of measures should only be established when the transfer is sustainable from an economic point of view, respectful from an environmental point of view and accepted by citizens from both basins. Moreover, Minister Bone participated as a speaker in several side-events in Istanbul. He was speaker at the following sessions: a) «Hydrographic Basins Management in Federal States, is it realistic?».



b) «Water Management beyond 2020». c) «Regional Experiences in Water Management and Sanitation for the achievement of the Millenium Objectives» .d) Presentation of the book «Water Management in decentralizated countries». The Regional Ministry for the Environment of the Government of Aragon, lead by Minister Bone, has always highlighted the important role of regions in environmental and water issues. Indeed, Minister Bone defends that regions are the closest public body to citizens, and therefore, regions know better what issues affect citizens and can better solve their problems and improve their life conditions. This regional vocation makes of Aragon an active region in environmental and water Fora as well as in delivering solutions to international problems. The Ministry for the Environment of Aragon is an active member of the World Water Congress.

▶ Reasons for which the candidate organisation wishes to have a seat on the Board: Aragon should have a seat on the Board of Governors because: 1. Aragon has a recognized background and long experience in water issues. The Special Wastewater Treatment Plan, recognized by distinguished international awards, the public awareness campaigns, as well as the Aragonese Climate Change and Clean Energies Strategy, have an international reputation. All these pioneer projects have new original features. Moreover, Aragon hosts high-level meetings such as: Experts Meeting «Water management beyond 2020» (2006), II Experts Meeting «Thirteen Anniversary of Mar del Plata» (2007), ENCORE Conference (2008), Hispanic-Chilean meetings (2006,2007,2008), «Workshop on Drought in the Mediterranean Arc» (2006), Meeting of the Water Working Group of ENCORE (2008), Meeting of the Biodiversity Working Group of ENCORE (2008), Meeting of the Climate Change Working Group of ENCORE (2008), ENCORE Steering Group meeting (2006), Meeting of the Commission IV - Sustainable development- of the Working Community of the Pyrenees (CTP) (2008), Technical visit of Singapore's national water agency (PUB) to Aragon in order to learn about water management experience and treatment systems in Aragon (2008). Furthermore, Aragon has published several papers: 1) Special Number «An evaluation of the National Water Plan 2001» published in the International Journal of Water Resources Development in September 2003, coordinated by Antonio Embid and Asit K. Biswas. 2) «Model of public participation in the formulation of water policies», written by the Minister for the Environment, Mr. Alfredo Bone and distributed at the Experts Meeting at the International Centre for Water and Environment (CIAMA La-Alfranca) on «Water Management beyond 2020», held in November 2006. 3 I 4) Special Issue «Water Management in Aragon», published in the International Journal of Water Resources Development in March 2007. The Spanish version of this publication was made by Thomson Aranzadi, Government of Aragon. The directors of the publications were: Antonio Embid Irujo (University of Zaragoza), José Murillo Albiac (Centre for Agricultural Research and Technology of Aragon), CITA-DGA, and Cecilia Tortajada Quiroz (CIAMA La Alfranca). 2. Aragon is an international leader in environmental issues. The celebration of the EXPO 2008 "Water and Sustainable Development" in Zaragoza (Aragon) from 14th June - 14th September 2008, consolidated Aragon as a world-wide leading region on water issues. More than one hundred countries, dozens of companies and NGOs, as well as the UN took part at the Expo 2008. Together with the exhibitions and performances, the Water Tribune was the scientific pillar of the Expo Zaragoza 2008.

- Aragon is Co-President for the Environmental Conference of the Regions of Europe (ENCORE) and member of the Steering Group. Aragon held last ENCORE Conference in June 2008 in Zaragoza that dealt with "Water and Climate Change", and gathered more than 50 Regional Ministers for the Environment among other important personalities from the EU. Aragon also leads the Water Working Group of ENCORE, which presented in 2008 a scope of regional experiences of EU regions ON water management and quality-related issues.

- Aragon is member of the Steering Committee of the Network of Regional Governments for Sustainable Development (nrg4SD).

- Aragon is member of the Working Community of the Pyrenees (CTP)
- Aragon has relations with other networks such as ICLEI, EPRO, FOGAR and UICN.

5. The Aragonian and Biosphere Project, The Climate Group, IWRA or FAO.

6. Aragon defends and promotes the importance of collaboration and exchange of



It was a space for reflection and discussion revolving around the global debate on Water and Sustainable Development through innovation. The Water Tribune gathered distinguished scientists, politicians, technical experts and high-level authorities from EU and UN. Currently, the Water Tribune is located at the International Centre for Water and Environment (CIAMA-La Alfranca) within the Ministry for the Environment of the Government of Aragon. CIAMA stocks the work developed by the Water Tribune during the EXPO and continues its activities. Moreover, the establishment of the UN Office of the Water Decade in Zaragoza for the period 2005-2015 contributes to the international consolidation of Aragon. The UN Office helps to achieve the "Water for Life" Decade's goals by promoting greater interaction between governments, UN agencies an non-UN partners to deliver a coordinated response; mobilizing resources, partners and other stakeholders; promoting and encouraging partnerships at all levels; and ensuring coherence between the implementation of the water and sanitation agenda and other developments goals.

3. Aragon plays an active role at interational fora.

Aragon participates actively and continuously in the World Water Forums, the United Nations Framework Conference on Climate Change, and EU's events such as Green Week and the Open Days. In addition, Aragon has been involved in several annual conferences including the International Convention for a territorial approach to development, IFAT-15TH "International Trade Fair for Water, Sewage, Refuse and Recycling", "II Singapore International Water Week " and the International Exhibition "L'eau expo & forum Casablanca 2009".

4. Aragon participates and collaborateds in environmental international networks at subnational level.

| Country<br>Organisation is<br>based | Status        | World Water Council<br>members since | Website                 |
|-------------------------------------|---------------|--------------------------------------|-------------------------|
| Spain                               | Active member | 2009                                 | http://portal.aragon.es |



## **College 2 Governments and government authorities**

# Ministry of Land, Transport and Martime Affairs - Republic of Korea- MLTM

### ① Organisation General Information

- ► Nationality of the Organisation: Korea ► Year of establishment: 1948
- ► Website: http://english.mltm.go.kr/intro.do

► Field(s) of expertise and activities: Water Resources Management, Basic Human needs or health, Development of infrastructure, Water supply or sanitation, Human rights or social issues, Human settlements or habitat, Regulation and governance, Economics or finance

► Geographical Scope of activities/expertise: National

Description of Activities: The Ministry of Land, Transport and Maritime Affairs (MLTM) of the Republic of Korea is one of the essential ministries in the water sector. We, the MLTM, aim at developing and conserving the land systemically, including the sea, creating pleasant urban spaces, improving people's lives, and pursuing the balanced development of the country. Considering water, the Ministry of Land, Transport and Maritime Affairs is implementing integrated Water Resources Management (floods and droughts) and developing policies and technologies for effective water use. Also, the MLTM is developing water infrastructures and cooperating with global communities. Re-creating the land with water is one of the three policies set up by the MLTM, and «the four major rivers restoration project» has started. With this project, the MLTM will create an environment to respond to floods and droughts caused by climate change and secure the quality and quantity of water for people's lives. At the same time, the MLTM aims for «Green Growth» in Korea by creating an eco-friendly environment for people and restoring river ecosystems. o International cooperation and activities in the water sector (World Water Forum, Asia Pacific Water Summit, High Level Expert Panel on Water and Disaster/UNSGAB etc) o Establishment of a National Water Resources Plan

- o Research on Water Resources
- o Water Resources Policies and Research for Climate Change Adaptation
- o Development of Water Infrastructures
- o River Management
- o Prevention and Restoration against Water-related Disasters.

### **②** Representatives Information

- ► Governor representative: Mr. Do-youp Kwon
- ► Position within its organisation: Vice Minister
- ► Alternate representative: Mr. Jae-hwa Noh
- ► Position within its organisation: Director General

The full detailed candidatures may be found on the General Assembly website at <a href="http://ga.worldwatercouncil.org">http://ga.worldwatercouncil.org</a>



### ③ Statement:

► Involvement of the candidate organisation within the World Water Council: Since the 4th World Water Forum, the Ministry of Land, Transport and Maritime Affairs has more actively and deeply engaged in international cooperation particularly in the water sector. The MLTM convened specific sessions related to the Water Resources Management and water-related disasters caused by climate change in the 4th and 5th World Water Forums. In addition, the MLTM has supported activities by the High Level Expert Panel on Water and Disaster-UNSGAB, and on behalf of the Korean Government, a representative of the MLTM has attended each meeting of the High Level Panel to share advanced knowledge and good experiences developed by Korea. Also, the MLTM is offering information and activities of the World Water Council to promote water-related issues to governments, local authorities, institutes and private sectors in Korea to encourage cooperation with global communities. We expect that this activity will contribute to solving water-related challenges and that Korea will be more considerate of climate change, integrated Water Resources Management and development of sanitation through Korea's cooperation with other countries. The MLTM will support the activities of the World Water Council as well.

► Reasons for which the candidate organisation wishes to have a seat on the Board: The Ministry of Land, Transport and Maritime Affairs (MLTM) recognizes the importance of water, especially due to impacts caused by climate change. The Korean Government hopes to help international communities solve the water problems of the global society. As we mentioned above, the MLTM is interested in water and has set up the recreation of land with water as an essential policy goal. We are implementing the specified project «The four major rivers restoration project» as a concrete solution at the governmental level. Additionally, the MLTM has built water resources technologies so far, which could be helpful to solve water problems globally. As the World Water Council is one of the highest authorities among international water organizations, the contribution of the MLTM as a member of the Board of Governors will become a desirable and reasonable way to achieve a policy goal that the Korean government pursues. In this context, by becoming a member of the Board of Governors, the MLTM expects that water-related challenges would be shared and resolved in a reasonable way.

| Country<br>Organisation is<br>based | Status           | World Water Council<br>members since | Website                            |
|-------------------------------------|------------------|--------------------------------------|------------------------------------|
| Korea                               | Active<br>member | 2008                                 | http://english.mltm.go.kr/intro.do |



## **College 2 Governments and government authorities**

# **Ministry of Water Resources - China- MWR**

### **①** Organisation General Information

Nationality of the Organisation: China

- ► Year of establishment: 1949
- ► Website: www.mwr.gov.cn

► Field(s) of expertise and activities: Water Resources Management, Basic Human needs or health, Development of infrastructure, Climate or natural hazards, Environment or ecosystems, Water supply or sanitation, Agriculture or food production, Education and capacity building, Human settlements or habitat, Regulation and governance

► Geographical Scope of activities/expertise: National

► Description of Activities: The Ministry of Water Resources of the People's Republic of China is the Department of the State Council that is responsible for water administration. It is responsible of the following activities:

1. Formulation of water-related policies, development strategies and medium and long-term development plans. Drafting and implementation of legislation and design of water-related regulatory frameworks.

2. Implementation of integrated Water Resources Management, including atmospheric water, surface water and groundwater. Coordination of domestic, industrial, environmental and ecological water utilisation.

3. Water resources protection, including plan formulation, water function zoning, water carrying capacity identification, water sources protection, groundwater utilization and protection, etc.

4. Prevention and management of flood and drought disasters.

5. Water conservation management, with respect to policy, planning, standard, and water-saving society establishment.

6. Management of hydrology-related issues, including hydrological information monitoring, stations network development and management, quantity and quality of groudwater monitoring, forecasting and information publication.

7. Management and protection of water projects, dikes and coastlines. Development and utilization of major rivers and lakes, river mouths and mudflats.

8. Water and soil conservation management.

9. Management of irrigation, drainage and rural water supply. Development and management of rural electrification and small hydropower-for-fuel projects.

10. Investigation and punishment of water-violating activites. Coordination of water conflicts. Supervision over safety of water projects.

11. Guidance and management of water-related science and technology development.

12. Management of international water cooperation and transboundary water affairs.



- **②** Representatives Information
- Governor representative: Mr. Zhiguang Liu
- ► Position within its organisation: Deputy Director General
- ► Alternate representative: Mr. Hai Jin
- ▶ Position within its organisation: Division Chief

### ③ Statement:

► Involvement of the candidate organisation within the World Water Council: Though the Ministry of Water Resources of China is a new member of the WWC, it has been invovled in the activities held by the WWC since 1997, when the 1st World Water Forum was held in Marrakech, Morocco. Since then, cooperation between MWR and the WWC has been continuously strengthened, as is reflected in the active role played by MWR during the WWF5 preparations, the presence of a large Chinese delegation and a significant number of enterprise exhibitors hosted in a China Pavilion. On July 22, 2009, MWR and the WWC signed an MOU on Cooperation in Beijing, China, which unfolded a new chapter for the cooperation between the MWR and the WWC.

▶ Reasons for which the candidate organisation wishes to have a seat on the Board: Given the multi-faceted and cross-boundary nature of water issues in the present world, no country or organization can adequately address water challenges on an individual basis. Cooperation among various stakeholders, encompassing governments, knowledge institutions, business companies, civil societies and local communities etc. is the key to the development and execution of effective and sustainable water solutions. The WWC has a proven record in bridging divides, cultivating consensus, stimulating innovation and, last but not least, generating global awareness. It has played an instrumental role in successfully organizing a series of World Water Forums, which helped catapult water issues to a much higher place on government agendas around the world. As a government ministry responsible for Water Resources Management, we identify with the missions and goals of the World Water Council. By being a member of the Board of Governors of the WWC, our organization can make more of a contribution to the decision-making activities and implementation process of the WWC, bring to the WWC family China's unique experience and expertise in relation to water management; cooperate with other members of Board of Governors to promote the realisation of the goals and objectives of the WWC; encourage more Chinese organizations to join the WWC and thereby increase its profile in the country's water sector.

| Country<br>Organisation is<br>based | Status           | World Water Council<br>members since | Website        |
|-------------------------------------|------------------|--------------------------------------|----------------|
| China                               | Active<br>member | 2009                                 | www.mwr.gov.cn |



## **College 2 Governments and government authorities**

# **National Water Research Center- NWRC**

- ① Organisation General Information
- Nationality of the Organisation: Egypt
- Year of establishment: 1975
- Website: <u>www.nwrc-egypt.org</u>

► Field(s) of expertise and activities: Water Resources Management, Climate or natural hazards, Environment or ecosystems, Education and capacity building

► Geographical Scope of activities/expertise: Multi-national

► Description of Activities: The National Water Research Center is a pioneer institution for various water research activities in Egypt. It was established in 1975 as a research entity within the Ministry of Water Resources and Irrigation (MWRI). Objectives of NWRC:

• Study, outline and propose long-term policies for managing water resources in Egypt.

• Solve the technical and applied problems associated with general polices for irrigation, drainage and water resources.

- Carryout investigations and research work connected with the extension of agricultural lands.
- Find the means for utilizing the water resources of the country in the most efficient and effective way.

• Propose measures for environmentally sound development of irrigation and drainage systems. NWRC is a growing organization expandable according to the needs of the country. Untill now the

center has established twelve research institutes that read like a list of problems facing Egypt's water sector. Each of them is concerned with one research discipline in the field of water engineering and related water issues. NWRC has also established a Strategic Research Unit, a Central Water and Soil Laboratory, a Geographic Information System, InformationI

Documentation Center, and a highly specialized Central Library. Via its twelve institutes and in light of future plans for water resources development and management, the ultimate objective is to optimize water use, minimize different water losses, and maximize water availability. The total number of employees working at the NWRC including researchers, engineers, technicians, and administrators is about 2700. NWRC plays not only a national role, but also an international one. On the local scale, the Center - from its inception- has worked to strengthen the research programs of its research institutes. This has been possible by creating linkages with relevant Egyptian Universities and other research centers. On the regional scale, the Center is a member in several African organizations with a prime focus on promoting cooperation between the Nile basin countries for the benefit of all parties. NWRC acts as the coordination unit for African Water Resources Network, and is a member of other water resources networks in the Arab World. On the international scale, NWRC has established wide-scale communications with several international organizations and bodies such as USAID, CIHEAM, WWC, ICID, IWRA, UNDP, BARI Institute of Italy, CIDA, UNESCO, UNEP, FAO



Interrelations with such foreign authorities involve technology transfer, training, staff exchange programs, conferences and seminars, field trips and similar activities. Moreover, NWRC was an off-site campus of Colorado State University, USA, which enables it to arrange for CSU courses and workshops in Egypt for participants from Egypt and outside Egypt. The NWRC carries out projects and provides a wide variety of analytical and advisory services to help meet the development needs of the Ministry of Water Resources and Irrigation and the international community. The projects implemented by NWRC are designed to ensure that they are economically, financially, socially and environmentally sound, organized by a legal agreement between the center and the agencies.

### **②** Representatives Information

- ► Governor representative: Prof. Shaden Abdel-Gawad
- ▶ Position within its organisation: President
- ► Alternate representative: Prof. Hussam El-Din Fahmy
- ▶ Position within its organisation: Director Nile Research Institute

#### ③ Statement:

► Involvement of the candidate organisation within the World Water Council:

NWRC is an active member organization in the WWC since its establishment. The Ex-President of NWRC,

Dr. Mahmoud Abu Zeid, was one of the founding member of the WWC and served as its President for two

consecutive terms. NWRC, being an active organization in both the WWC and the Arab Water Council, succeeded in formulating a Memorandum of Understanding between the WWC and AWC singed in August 2007 which represents a statement of intent by the two Parties to work together, and outlines the basis for collaboration and joint activities in fields of mutual interest. NWRC is an active organization in the five world water Fora from Marrakesh to Istanbul, NWRC is currently on the WWC board of Governors.

▶ Reasons for which the candidate organisation wishes to have a seat on the Board:

To serve the water community nationally, regionally and internationally. Collaborate on activities for better water services and resources management. Support a worldwide movement defending the cause of water

Networking with other related organizations and networks. Bridge water and non-water sectors. Stay informed on current affairs related to water issues and learn more about global water issues.

| Country Organisation is based | Status        | World Water Council<br>members since | Website            |
|-------------------------------|---------------|--------------------------------------|--------------------|
| Egypt                         | Active member | 1996                                 | www.nwrc-egypt.org |



## **College 2 Governments and government authorities**

# Overseas Land Improvement Cooperation Office, Rural Development Bureau- JNCID

### ① Organisation General Information

- Nationality of the Organisation: Japan
  - ► Year of establishment: 1950
- ► Website: www.icid.org/cp\_japan.html

► Field(s) of expertise and activities: Water Resources Management, Development of infrastructure, Climate or natural hazards, Environment or ecosystems, Water supply or sanitation, Agriculture or food production

► Geographical Scope of activities/expertise: Global

► Description of Activities: JNCID was established in 1950, in the Ministry of Agriculture, Forestry, and Fisheries, Japan (MAFF). Since then JNCID has actively engaged in solving issues related to water for food, environment and rural development, particularly in developing countries, and is undertaking the following activities:

- Establish a cooperative strategy in the agricultural sector for developing countries and supervise various development projects/programs by MAFF.

- Support the organization of conferences/seminars/workshops on water related issues, including WWF sessions or WWF regional meetings, in cooperation with other relevant organizations such as the International Network for Water and Ecosystem in Paddy Fields (INWEPF), International Society of Paddy and Water Environment Engineering (PAWEES), and the Japan Water Forum (JWF).

- Disseminate water management and development information to relevant stakeholders and to the general public in Japan and overseas.

- Undertake development studies on food production, environmental conservation, and water management in developing countries

- Support the activities of ICID (International Commission on Irrigation and Drainage) by organizing congresses/regional conferences/seminars/workshops related to agricultural water management and development.

### **②** Representatives Information

► Governor representative: Prof. Dr. Nobumasa Hatcho

- ▶ Position within its organisation: Member, JNCID
- Alternate representative: Mr. Kunihiko Naitou
- ► Position within its organisation: Secretary General



### ③ Statement:

► Involvement of the candidate organisation within the World Water Council: JNCID organized a session on water for food and rural development at the 3rd WWF in 2003, on sustainable paddy water use and its multi-functionality with better governance at the 4th WWF in 2006, and contributed to organizing the Session 1.1.3 at the 5th WWF in March 2009 organized by the WWC.

▶ Reasons for which the candidate organisation wishes to have a seat on the Board: JNCID has contributed to enhancing the activities of the WWC as a leading organization of agricultural water management and rural development in Asia. The seat on the Board of Governors will further improve the coordination of various water related activities between Asia and other regions. The wealth of knowledge and experiences that JNCID has accumulated, particularly in agricultural water management and rice irrigation, would be effectively utilized for the improvement of living conditions of people in developing countries through the active engagement of JNCID with the WWC. JNCID could make significant contributions to tackling the major challenges of food and water of the 21 st century because agriculture is the biggest user of water and rice is the staple crop in most Asian countries. with historical and cultural backgrounds. JNCID organized the 5th ICID Congress in Tokyo in 1963, and Asia-African Regional Conference in 1989. As well, at the 3rd WWF in Japan, JNCID organized a session on water for food and rural development, and at the 4th WWF in Mexico JNCID worked with INWEPF to organize a session on sustainable paddy water use and its multi-functionality with better governance. JNCID has also been a major contributor of water related events, such as the Asia-Pacific Water Summit in Beppu, Japan, in 2007 and a series of INWEPF Steering meetings since 2004.

| Country Organisation is based | Status           | World Water Council members since | Website                    |
|-------------------------------|------------------|-----------------------------------|----------------------------|
| Japan                         | Active<br>member | 2009                              | www.icid.org/cp_japan.html |



## **College 2 Governments and government authorities**

# Secretariat for Water - State of Mexico- SAOP

### **1 Organisation General Information**

- Nationality of the Organisation: Mexico
  - ► Year of establishment: 1981
- ► Website: www.edomexico.gob.mx

► Field(s) of expertise and activities: Water Resources Management, Development of infrastructure, Water supply or sanitation, Human settlements or habitat, Regulation and governance

► Geographical Scope of activities/expertise: Local, Multi-national

► Description of Activities: To design, approve, coordinate, and evaluate the plans and programs related to the activities of the administrative units, auxiliary organizations, and trusts allocated to SAOP, according to the objectives and policies fixed in the State of Mexico Development Plan and by the head of the Executive of the State.

- To verify and authorize the annual budget proposal of the Secretary, as well as the commissions it chairs, then send it to the Finances and Planning Secretary for its approval.
- To propose to the Executive of the State the initiatives of law, rules, decrees and agreements on

matters of its competence.

- To encourage the insegration of electricity in the urban and rural areas of the entity.
- To establish the guidelines that the plans and programs of public works and infrastructure should comply with, for the entity's development. To follow-up their financial advances.
- To verify the performance of the State Water Program, as well as the creation and consolidation of municipal water operators, with the purpose of extending the scope of the water works and services of the state.

### **② Representatives Information**

► Governor representative: Dr. David Korenfeld

- ▶ Position within its organisation: Secretary
- ► Alternate representative: Mrs. Maureen Ballestero

► Position within its organisation: Congress woman and Vice President of the Congress of Costa Rica



### ③ Statement:

Involvement of the candidate organisation within the World Water Council: The Secretary of Water and Public Works of the State of Mexico (SAOP) has played a very relevant roll in the World Water Council activities since its inclusion as a member of the Council. The Head of SAOP was involved in the WWC activities since the preparation and celebration of the Third World Water Forum in Japan in 2003. During the preparation of the 4th World Water Forum in Mexico, SAOP collaborated in several ways, such as thematic session convenor and in a very important way in the Local Authorities Meeting. On March 2006, SAOP was the institution that provided financial support for the organization of the World Water Council General Assembly in Mexico. On October 2006, the SAOP chairman, Dr. David Korenfeld went to Marseille to visit the WWC headquarters and got an interview with Mr. Fauchon, President of the Council in order to reitterate the State of Mexico's commitment with the WWC and to talk about several projects to develop together. For the preparation of the 5th World Water Forum the most important developed activities were: 5th World Water Forum Kick off meeting in March 2007 in Istanbul and Antalya, Turkey; Political Process Kick of Meeting in Istanbul in March 2008; Water for the Americas Regional Meeting in Foz de Iguazu, Brazil in November 2008. During the 5th World Water Forum, SAOP was the sponsor of the Compromiso Mexico Water Prize and will be the sponsor for the next editions of the Prize. During the Forum in Istanbul, the SAOP chairman participated as speaker in the High Level Panel on Sanitation. One of the most important interventions of Mr. Korenfeld was the opportunity to make possible the participation of the State of Mexico's Governor Mr. Enrique Pena Nieto, in the Americas Regional Session, where he was one of the keynote speakers in the session.

▶ Reasons for which the candidate organisation wishes to have a seat on the Board: The SAOP has participated in a very active way in the World Water Council activities, some of which have been explained before. SAOP could become a Governor to better contribute with initiatives and projects due to the important roll in Mexico as a Chair of the Water Issues Commission of the Governors National Organization (CONAGO in Spanish); this institution gathers all the Mexican State Heads in order to push important water issues in the country at this very important local level as the subsidiarity is one of the most efficient way to develop the water sector. This organization balances the water issues decisions in Mexico. The Chairman of SAOP is the person in charge of the public works in the biggest state of Mexico with more than 14 million inhabitants. This State has a relevant presence and influence in the Nation due to the close location with Mexico City and together form the Metropolitan Zone, one of the biggest in the world. SAOP is a proactive government infrastructure that has accomplished the Millennium Development Goals in terms of water, sewerage and sanitation as well as design and implementation of the public policies towards the integrated Water Resources Management. One example of this efficient water management is that all the municipalities of the State pay 100% of the water consumed, the first state in Mexico doing this. In the international arena the SAOP chair is the President of the Americas Regulatory Association on Water and Sanitation (ADERASA), this Latin-American Institution gathers 19 countries in Central and South America.

| Country<br>Organisation is<br>based | Status           | World Water Council members since | Website              |
|-------------------------------------|------------------|-----------------------------------|----------------------|
| Mexico                              | Active<br>member | 2004                              | www.edomexico.gob.mx |



## **College 2 Governments and government authorities**

# Secretariat of State in Charge of Water and **Environment-SEEE**

### ① Organisation General Information

Nationality of the Organisation: Morocco Year of establishment: 1967

- Website: www.mtpnet.gov.ma

► Field(s) of expertise and activities: Water Resources Management, Development of infrastructure, Climate or natural hazards, Environment or ecosystems, Water supply or sanitation, Regulation and governance

Geographical Scope of activities/expertise: National

Description of Activities: Research and evaluation of water resources; Weather monitoring and information on climate change; Planning the development of water resources; Mobilisation and transfer of water; Management and water resources; The contribution to the protection of people and goods through the prediction and monitoring of weather risks; The safeguarding of hydraulic infrastructures; Reseach and development in the areas of climate and water; Regulation in the field of water; Strengthening the institutional and legal framework in the field of environment; Contribution to protection of natural ressources to avoid any waste or damage that may compromise any sustainable development; Implementation of appropriate instruments for monitoring and control of the state environment; Implementation of impact assessment and formulation of opinion on development projects with impacts on the environment; Prevention against all forms of pollution that can affect the health of the population; Implementation of controls enforced by the legislation and assistance of legal person under public law or private law in environmental matters; Improving conditions and quality of life of people in urban and rural areas; Integration of environmental dimension in development programs including those of education, training, research and information; Development of activities related to regional and international cooperation in the field of environmental management; Promotion of cooperation with international non governmental organisations, with institutions and national associations and with local authorities.

### **②** Representatives Information

- Governor representative: Mr. Majid Benbiba
- Position within its organisation: General director of hydraulics
- Alternate representative: Mr. Abdelwahed Eddiani
- Position within its organisation: Director of the Directorate of Water Research and Planning



### ③ Statement:

► Involvement of the candidate organisation within the World Water Council: The Secretariat of State in Charge of Water and Environment has been involved within the World Water Council since its foundation. Thus, it was a founding member of the World Water Council and it is also the organizer of the first World Water Forum which was held in Marrakech in March 1997. The Secretariat of State in Charge of Water and Environment has a governor in the World Water Council since its inception. It is also represented on the Board of Governors by Mr. BZIOUI as treasurer since 2005.

Morocco, represented by the Secretariat of State in Charge of Water and Environment, organizes and funds the Hassan II Great World Water Prize since 2003, presented at each opening ceremony of the World Water Forum under the supervision of the World Water Council. In addition, my organization participates actively in all the World Water Forums and the other activities organized by the World Water Council.

► Reasons for which the candidate organisation wishes to have a seat on the Board: My organization has an important experience in the field of development of water resources. Being on the Board of Governors is a great occasion to share this experience with the other countires and promote it between them to make them know about it. On the other hand, the Secretariat of State in Charge of Water and Environment shares the same beliefs of the World Water Council which consist of an equitable access to water and water for all. The Secretariat of State is committed to promoting these principles in the world by participating in forums for the promotion and application of these principles among the international community.

| Country<br>Organisation is<br>based | Status           | World Water Council<br>members since | Website           |
|-------------------------------------|------------------|--------------------------------------|-------------------|
| Morocco                             | Active<br>member | 1997                                 | www.mtpnet.gov.ma |



## **College 2 Governments and government authorities**

# South Florida Water Management District- SFWMD

### **①** Organisation General Information

► Nationality of the Organisation: United States of America ► Year of establishment: 1949

► Website: www.sfwmd.gov

► Field(s) of expertise and activities: Water Resources Management, Development of infrastructure, Climate or natural hazards, Environment or ecosystems, Regulation and governance

► Geographical Scope of activities/expertise: Local

► Description of Activities: The South Florida Water Management District (SFWMD) is a regional governmental agency that oversees the water resources in the southern half of Florida - 16 counties from Orlando to the Florida Keys - and serves a population of more than 7.5 million. The SFWMD is the oldest and largest of the state's five water management districts, with a staff of 1,800 and a current budget of \$2.9 billion. Charged with safeguarding water resources for the benefit of people and the environment, the District is responsible for managing and protecting water quality, flood control, natural systems and water supply. A primary role is to operate and maintain an extensive water management network of canals and levees, water storage areas, pump stations and other water control structures. We are also the lead agency in restoring America's Everglades - the largest environmental project in the North America. Balancing and improving water and land-related resources is a daily challenge that requires active information exchange, open dialogue and effective partnerships. Strong working relationships with other government officials and staff, organizations, community and business leaders and others are vital to carrying out shared water resource stewardship obligations.

### **②** Representatives Information

- ► Governor representative: Ms. Carol Wehle
- ► Position within its organisation: Executive Director
- ► Alternate representative: Mr. Garrett Wallace
- ▶ Position within its organisation: Director, Federal Tribal Affairs

### ③ Statement:

► Involvement of the candidate organisation within the World Water Council:

With a new century unfolding, the time has come to look outside the District's borders for technologies and strategies that can further enhance life for South Florida's citizens and, likewise, share our knowledge and expertise with the global community.

The full detailed candidatures may be found on the General Assembly website at <a href="http://ga.worldwatercouncil.org">http://ga.worldwatercouncil.org</a>



The significance of effective water resource management to the life and health of all people cannot be over stated. We respect and admire the intentions and goals of the World Water Council and are humbled by the opportunity to participate in meetings and events. Our organization formally joined the WWC in 2008 and was able to immediately take part in the development and review of subject areas and themes for the 2009 World Water Forum. We learned much through our initial interactions with other governments and organizations and look forward to increasing our knowledge of practical applications of resource management around the globe.

► Reasons for which the candidate organisation wishes to have a seat on the Board: South Florida's persistent water resource challenges, which include drought response, flood control, environmental restoration and supplying water for an ever-expanding population, have led to the development of cutting-edge planning and response strategies at the South Florida Water Management District. We also recognize that programs such as alternative water supply, water quality improvements, sufficient water storage and ecosystem restoration are not unique to our region. These and many other challenges exist in diverse settings around the world, with an untold number of highly innovative experts exploring new and costeffective solutions. The widespread threats of impaired ecosystems, growing populations, pollution impacts and declining water supplies increasingly demand that natural resource managers look beyond their immediate borders for effective solutions. The need for global information sharing is paramount and we believe it is an inherent responsibility to learn from others and to share your own experiences with other nations pursuing similar water management improvements.

| Country Organisation is based | Status        | World Water Council<br>members since | Website       |
|-------------------------------|---------------|--------------------------------------|---------------|
| United States of<br>America   | Active member | 2008                                 | www.sfwmd.gov |



## **College 2 Governments and government authorities**

# **Suwon Municipal Government- Suwon**

### **①** Organisation General Information

- Nationality of the Organisation: Korea
  - ► Year of establishment: 1948
- ► Website: www.suwon.go.kr

► Field(s) of expertise and activities: Water Resources Management, Basic Human needs or health, Development of infrastructure, Climate or natural hazards, Environment or ecosystems, Water supply or sanitation, Human rights or social issues, Education and capacity building, Human settlements or habitat, Regulation and governance, Economics or finance

► Geographical Scope of activities/expertise: Local

► Description of Activities: Suwon is one of the largest municipalities in Korea with a population of 1.1 million, whose name means "origin of water" in Korean. Suwon, located 30km south from Seoul, the capital of Korea, has been exposed to all types of adverse environmental impacts like deterioration of water quality, depletion of groundwater and decline of water self-sufficiency, owing to rapid industrialization and urbanisation. However Suwon has overcome the above problems successfully with introducing an integrated water management policy based on a strong governance with local communities and citizens and now is recommended as the most advanced city on water management In Korea. Rainwater Policy, ambitiously driven by Suwon, is also a good example to indicate its prominent water policy. In addition, Suwon has been very actively involved in international activities like ICLEI and CITY-NET, global organisation finding global solutions on various municipal agendas like the environment, urbanisation etc...

- **②** Representatives Information
- ► Governor representative: Mr. Yong Seo Kim
- ▶ Position within its organisation: Mayor Suwon City
- ► Alternate representative: Prof. Dr. Sang Eun Lee
- ▶ Position within its organisation: Vice Chairman of Suwon Water Management Committee

### ③ Statement:

► Involvement of the candidate organisation within the World Water Council: Suwon has developed and implemented an integrated water management policy since 2002, which was the first municipal attempt to manage water in Korea. In 2005, Suwon became a member of ICLEI and has participated in its water campaign. Suwon has commenced its membership to the WWC from 2008 and became a member, as a municipal government of Korea for the first time. Suwon's membership with the WWC was a milestone and gave the momentum to the Korean municipal government to enter the WWC Board. 4 delegates from Suwon already participated in the 2009 World Water Forum in Istanbul. Suwon guarantees that it will dedicate itself to fortify and speak for municipal governments in the WWC as an honourable member city.



Reasons for which the candidate organisation wishes to have a seat on the Board: First, the average annual precipitation of Korea is about 1,4 times higher than the world average. However, 2/3 of its annual precipitation are only concentrated in 3 months (from June to August). Historically, therefore, it's so important to manage rainfall properly for a long time. Hence the world-first invention of Pluviometer or rain gauge by Korea in 1440 was a good reason to explain the above. Suwon was UNESCO designated world cultural heritage, Hwaseong Fortress, constructed 200 years ago. During construction, reservoirs close to the fortress were also made up for the purpose of agriculture. Water control on the reservoir 200 years ago was the first management on water in Suwon. Making itself a rain city is an urgent issue of Suwon, driven currently as a leading water management city in Korea. To cope well with Climate Change as a municipal government, Suwon has materialized its idea to utilise groundwater efficiently through making proper rainwater facilities or relevant technology. If stored, rainwater can be alternate or a solution to African countries who suffer from water shortage seriously. Suwon will take a lead on sharing any knowhow on utilizing rainwater in collaboration with WWC. Second, Suwon is known as a city with the most advanced water management policy in Korea. Thanks to that, Suwon can strongly support WWC to resolve global water issues as a key role municipal partner. The mayor of Suwon has served as an executive committee member to ICLEI since 2007 and makes a firm pledge to become a bridge linking municipal governments between advanced and developing countries within the WWC. Suwon also plans to host WWC's various meetings including WWF World Congress and invites regional offices of WWC and/or other relevant international organisations to Suwon. Third, Suwon, boasting of its state-of-the-art infrastructure, a spontaneous participation of civil society, industry and school to develop water management networks including the world leading IT company Samsung Electronics, Ajou University and Fusion Technology R&D center of Seoul National University, can engage in the sublime aim of WWC, saving the earth and solving the water shortage, with sharing the condensed knowhow and experience based on its cutting-edge technology on water management.

| Country Organisation is based | Status        | World Water Council<br>members since | Website         |
|-------------------------------|---------------|--------------------------------------|-----------------|
| Korea                         | Active member | 2009                                 | www.suwon.go.kr |



## **College 2 Governments and government authorities**

# U.S Army Corps of Engineers Civil Works-USACE

### ① Organisation General Information

► Nationality of the Organisation: United States of America ► Year of establishment: 1775

► Website: www.hq.usace.army.mil

► Field(s) of expertise and activities: Water Resources Management, Basic Human needs or health, Development of infrastructure, Climate or natural hazards, Environment or ecosystems, Water supply or sanitation, Agriculture or food production, Human rights or social issues, Education and capacity building, Human settlements or habitat, Regulation and governance, Economics or finance

► Geographical Scope of activities/expertise: Global

Description of Activities: The United States Army Corps of Engineers (USACE) is a federal agency and a major Army command made up of some 36,000 civilian and 650 military personnel making it one of the world's largest public engineering, design and construction management agencies. USACE is involved in a wide range of public works support to the nation and the Department of Defense throughout the world. •Our Vision: A great engineering force of highly disciplined people, working with our partners ... to deliver innovative, sustainable solutions to the Nation's engineering challenges •Our Purpose: Provide vital engineering services in peace and war to strengthen our Nation's security, energize the economy, and reduce risks from disasters. The most visible missions include: • Planning, designing, constructing, operating and maintaining locks and dams. Other civil engineering missions include flood risk management, environmental regulation, aquatic ecosystem restoration, beach nourishment, hydropower, water supply and dredging for waterway navigation. For example: Environmental regulation of wetlands in the US, Restoration of the Everglades and SE Lousianna; 18,000 Miles of Levees; Stewardship of 11.7 Million Acres of Public Lands; 400 miles of Shore protection; Recreation areas with 376 Million Visitors/yr; 299 Deep Draft Harbors;627 Shallow Draft Harbors; ¼ of Nation's Hydropower, 11,000 miles of Commercial Inland Waterways: • Design and construction management of military facilities for the Army and Air Force and other Defense and Federal agencies. •Engineering Research and Development Center includes 5 laoratories: 2014 Employees; 1029 Scientists Engineers; 533 Master's Degrees; 266 Doctorate Degrees; \$1.2 Billion in Research Facilities Equipment; \$568 Million Annual Program.

### **②** Representatives Information

- Governor representative: Mr. Steven Stockton
- ► Position within its organisation: Director of Civil Works
- ► Alternate representative: Dr. Jerome Delli Priscoli
- ▶ Position within its organisation: Senior Advisor, Institute of Water Ressources



### ③ Statement:

► Involvement of the candidate organisation within the World Water Council: USACE has been involved with WWC since it's creation; It has been home to the Water Policy Journal, representatives have served on the Board of Governors; it has supported WWC in each of the World Water Forums by contributing professional personal to the WWFs. Liaison to other US federal agencies including the US State Department.

► Reasons for which the candidate organisation wishes to have a seat on the Board: We seek to enhance the capacity of the WWC to serve as a meeting place for organizations from all backgrounds that are concerned with water; to this end we seek to keep raising the knowledge of water on the international and national agendas; we seek to learn from other members and to share our 200 years of experience in the U.S.; to this end we seek to broaden the participation within the WWC to all types of stakeholders and to enhance the interaction between political and technical decsion makers in water and to broaden the participation of them in the activities of the WWC.

| Country Organisation is based | Status        | World Water<br>Council members<br>since | Website               |
|-------------------------------|---------------|---|-----------------------|
| United States of<br>America   | Active member | 1997                                    | www.hq.usace.army.mil |



## **College 2 Governments and government authorities**

# Water and Sanitation Agency- WASA

### ① Organisation General Information

Nationality of the Organisation: Pakistan

- ► Year of establishment: 1992
- Website: www.wasa.rda.gov.pk

► Field(s) of expertise and activities: Water Resources Management, Basic Human needs or health, Development of infrastructure, Climate or natural hazards, Environment or ecosystems, Water supply or sanitation, Regulation and governance

► Geographical Scope of activities/expertise: Local

► Description of Activities: Provision of safe drinking water and improved sanitation facilities to all; Establishment of efficient O&M mechanism for water supply and sewerage; Development and exploitation of ADDL water sources to cater for future needs

### **②** Representatives Information

- Governor representative: Mr. Islam UI-Haque
- ▶ Position within its organisation: Managing Director
- Alternate representative: Mr. Naseer Ahmad
- ► Position within its organisation: Deputy Managing Director

### ③ Statement:

► Involvement of the candidate organisation within the World Water Council:

We got the membership of the WWC on September 22, 2008

as we are new member in World Water Council and we are trying our best to participate in the activities of

the World Water Council (WWC). The Vision of my utility is as follows:

Transformation of Water and Sanitation Agency, Rawalpindi, into a developed, modernized and quality-staffed entity, empowered to provide services to the citizens in a flexible,

transparent and quality manner, and to ensure homogenized development and improvement of water and environmental sanitation sector in the jurisdiction of RWASA on the principles of partnership among public, private and non governmental sectors

► Reasons for which the candidate organisation wishes to have a seat on the Board: I posses multidisiciplanery qualifications and experiences in the filed of envionmental engineering and sciences particulary in water and sanitation sectors. Therefore I wish to contribute in the activities of the World Water Council.

| contribute in the detivities of the world water obtained. |                  |                                   |                     |
|---|------------------|-----------------------------------|---------------------|
| Country<br>Organisation is                                | Status           | World Water Council members since | Website             |
| based   |                  |                                   |                     |
| Pakistan  | Active<br>member | 2008                              | www.wasa.rda.gov.pk |



The full detailed candidatures may be found on the General Assembly website at <a href="http://ga.worldwatercouncil.org">http://ga.worldwatercouncil.org</a>



## **College 2 Governments and government authorities**

# Water Authority- WA

### ① Organisation General Information

- Nationality of the Organisation: Mongolia
  - ► Year of establishment: 2005

► Website:

► Field(s) of expertise and activities: Water Resources Management, Development of infrastructure, Environment or ecosystems, Education and capacity building, Regulation and governance, Economics or finance

► Geographical Scope of activities/expertise: National

► Description of Activities: to implement state integrated policy of water resources; to develop and implement a water management plan; to monitor changes in water resources; to develop and modify water usages; to issue professional evaluation; to provide professional management to the Water Basin Councils etc.

### **2** Representatives Information

Governor representative: Dr. Batbayar Zeneemaydar

▶ Position within its organisation: Deputy Director of Water Authority,

Alternate representative: Ph. D Batimaa Punsalmaa

▶ Position within its organisation: National Team Coordinator of IWRM project in Mongolia,

### ③ Statement:

► Involvement of the candidate organisation within the World Water Council: Attended the 5th World Water Forum, which was held in Istanbul this year with more than ten delegates from state, instituational and private sector representatives.

► Reasons for which the candidate organisation wishes to have a seat on the Board: Mongolia is a developing country and is at the begining of the implementation of integrated water resource management in Mongolia. Having a seat on the Board of Governors we can and have to represent developing countries and make a common strategic vision on integrated Water Resources Management, and promote the implementation of effective policies at local and international level. Selenge River in Mongolia is the headwater of Baikal Lake, the freshest and deepest lake in the world, and Mongolia shall contribute to the resolution of issues related to transboundary waters.

| Country Organisation is based | Status        | World Water Council<br>members since | Website |
|-------------------------------|---------------|--------------------------------------|---------|
| Mongolia                      | Active member | 2008                                 |         |



The full detailed candidatures may be found on the General Assembly website at <a href="http://ga.worldwatercouncil.org">http://ga.worldwatercouncil.org</a>