WELCOME IN FRANCE!

International Network of Basin Organizations
Réseau International des Organismes de Bassin
International Office for Water
Office International de l’eau
Welcome address

Mr. Jean - François DONZIER

General Secretary

International Network of Basin Organizations

- INBO -
International Office for Water
Office International de l’eau
AN ASSOCIATION OF 132 PARTNERS:

- Foreign public organizations: 35
- French public organizations and Ministries,
- Local authorities,
- Enterprises specialized in the water sector,
- Associations (sciences/environment).

WITH ASSIGNMENTS OF PUBLIC INTEREST:

- Non-profit making,
Capacity building for better water management

THREE SPECIALIZED AREAS:

- Data management & Information systems
- Professional training
- Technical and Institutional support & cooperation

A NETWORK STRENGTH:

- Our Teams
- Our Partners
International Office for Water

1992 – 2017: 25 years!
Capacity building for better water management

Office International de l'Eau

25 ans pour une meilleure gestion de l’eau dans le monde!
Data management & Information systems

The French Water Information System

AGENCE FRANÇAISE POUR LA BIODIVERSITÉ
ÉTABLISSEMENT PUBLIC DE L'ÉTAT

SANDRE
STATE

AUTHORIZATION FOR ABSTRACTIONS AND DISCHARGES

DIALOGUE

FUNDING AND PROGRAMMING

BUILDING AND OPERATION OF INFRASTRUCTURES

- Water Agencies
- River Basin Committees

- State administrations
- Municipalities
- Industrialists
- Farmers
- Developers
If we cannot measure, we cannot manage!!

**Resources**
- Surface water (Rivers – Lakes)
- Groundwater
- Wetlands

**Uses**

**Seasonal variations**

**Geographic locations**

**Economical informations**

**DIALOGUE**

**INFORMATION**

- Quantity
- Quality
- Ecology
- Requirements
- Abstractions
  - Flowrates
  - Pollution
- Discharges
- Frequencies
- G.I.S
- Cost, budget...
In Europe, 50,000 "WATER BODIES" have been identified:

- River WB = 27,455
- Lake WB = 10,060
- Groundwater WB = 7,719
- HMWB/AWB = 5,783

In France:

- River WB = 3,522
- Lake WB = 471
- Groundwater WB = 539
- HMWB/AWB = 912
- Good Status = 984
- At Risk = 941

THE DEFINITION OF COMMON FRAMES OF REFERENCES.
International Office
For Water
PARIS-FRANCE

Professional training

The French National Water Training Center
« NWTC »
THE FRENCH NATIONAL WATER TRAINING CENTER
QUALIFICATION
Office International de l'Eau

International Office For Water
PARIS-FRANCE

International Network Of Basin Organizations

CATEC
Certificat d'Aptitude à Travailler en Espaces Confinés
Formations professionnelles

Office International de l'Eau

CNFME - Centre National de Formation des Métiers de l'Eau
42, avenue des Nations Unies, 92657 Boulogne-Billancourt Cedex
Tel: 01 46 20 92 60 - Fax: 01 46 20 92 61
Contact: cnfme@nfem.net
The International Office for Water offers its support to the Capacity Building of associated Training Institutes all over the world.

- ADMINISTRATION
- MANAGEMENT
- OPERATION
- MAINTENANCE

A GLOBAL APPROACH TO WATER RESOURCES MANAGEMENT
Creation of « d’Hydrus-Brazil »
Brasilia – 18 – 19 April 2017
Saudia Arabia
Algérie
December 2008 - Paris

16 countries:
Algérie, Benin, Burkina Faso, Kenya, Laos, Mali, Maroc, Pologne, Togo, Tunisie, Ouzbékistan, Viêtnam, France, Liban et Mexique...
Pilot Project - Atmospheric Precipitation - Protection and efficient use of Fresh Water: Integration of Natural Water Retention Measures in River basin management
Service contract n°07.0330/2013/659147/SER/ENV.C1

The NWRM project
Key elements

OIEau, Coordination team

Technical and Institutional support & cooperation
FOUR FIELDS OF ACTION
FOR INSTITUTIONAL COOPERATION:

• LEGAL FRAMEWORK AND CAPACITY BUILDING, Implementation of EU Water Directives.

• INTEGRATED MANAGEMENT OF RIVER BASINS,

• ORGANIZATION AND MANAGEMENT OF MUNICIPAL WATER UTILITIES

• IRRIGATION AND RURAL WATER SUPPLY
Implementation of the European Water Framework Directive in the 28 countries of the enlarged European Union, as well as in the candidate countries for accession, is a major milestone for promoting the principles of good governance.

30 EU TWINING FOR 1999
30 Jumelages sur l’eau depuis 1999
International Office For Water
PARIS-FRANCE

International Network Of Basin Organizations

WHY?
to help creating and strengthening Transboundary Basin Organizations over the world.

The Mekong River Basin

Characteristics:

- Area: 795,000 km² (21)
- Length of mainstream: 4,800 km (12)
- Average discharge: 15,000 m³/s (8)

LEGEND
- International boundary
- Basin boundary
- River
- Upper Mekong Basin
- Lower Mekong Basin (MRC)
- Rank in the world
- Flow contribution

MRC Secretariat, 1990
Orange-Senqu, Lake Chad, Lake Victoria/Kagera, Niger, Congo and Volta, Etc...
Mexique, Colombie, Brésil, Pérou, Chili.
INTERNATIONAL NETWORK OF BASIN ORGANIZATIONS

Created in 1994 to facilitate operational exchanges between BO

North American Network of Basin Organizations (NANBO)
Latin American Network of Basin Organizations (LANBO)
Brazilian Network of Basin Organizations (BNBO)
EUROPE-INBO Group for WFD
Mediterranean Network of Basin Organizations (MENBO)
African Network of Basin Organizations (ANBO)
EECCA Network of Basin Organizations
Central and Eastern European Network of Basin Organizations (CEENBO)
Network of Asian River Basin Organizations (NARBO)

192 FULL MEMBERS or PERMANENT OBSERVERS in 81 COUNTRIES
Developing and Strengthening River Basin Organizations
What do we consider as a *Basin*?

The concept includes all water resources **SURFACE and**
« Water has no boundary »

RESEAU INTERNATIONAL DES ORGANISMES DE BASSIN
INTERNATIONAL NETWORK OF BASIN ORGANIZATIONS
RED INTERNACIONAL DE ORGANISMOS DE CUENCA
OBJECTIVES:

- to develop relations between organizations interested in comprehensive water resource management at the river basin level,
- to favor exchanges of experiences and expertise among them,
- to promote the principles and means of sound water management in cooperation programs,
- to facilitate the implementation of tools suitable for institutional and financial management, programming, organization of data banks, and for models adapted to the needs,
- to promote information and training programs for the different stakeholders involved in water management as well as for the executives and staff of the member basin organizations,
- to evaluate ongoing actions and disseminate their results.
“Basin Organizations”, entrusted by relevant public administrations with integrated water resources management at the level of important river basins, either national, federal or transboundary, as well as the cooperation structures they have developed among them.

The governmental administrations in charge or interested in applying integrated and sustainable water resources management:

- organized at the level of river basins,
- associating administrations and local authorities, as well as users,
- having specific budgetary resources at their disposal, obtained by applying the “user-polluter-pays” principle.

Bi and multilateral co-operation agencies supporting activities related to integrated and sustainable water resources management at the level of river basins.
The «EURO-INBO» Group
for the implementation
of the European Water Framework Directive:
Strategic Coordination Group
CIS priorities:

- Climate Change
- Droughts and Floods
- Intercalibration exercise
- WFD and agriculture
- Hydromorphology (hydropower and navigation)
- New Pilot River Basin exercise
- Reporting and WISE
- Priority substances / Chemical monitoring
- Cost effectiveness
Reference: Committee on Non-Governmental Organizations
2007 Resumed session (14-18 May 2007)

Dear Mr. Jean-Francois Donzier,

We are pleased to inform you that the Committee on Non-Governmental Organizations at its 2007 resumed session, on 14-18 May 2007, has decided to recommend that your organization “Réseau International des Organismes de Bassin” be granted special consultative status.

Please note that this recommendation is still subject to the approval of the Economic and Social Council, which will consider and take action on the Committee’s recommendation at its substantive session, scheduled for 2-27 July 2007 in Geneva.

Once taken, we shall inform you of the Council’s final decision on your application.

Sincerely yours,

Hanifa Mezouli, Chief
Non-Governmental Organizations Section/DESA
Room DC1-1480
Fax: (212) 963-9248 or 963-4114

Mr. Jean-Francois Donzier - Permanent Technical Secretary
Réseau International des Organismes de Bassin
21, rue de Madrid
75008 Paris
France
FAX: (33) 1.40.08.01.45
EMAIL: info@wandoo.fi
the UN Convention
for the international water courses management
in Europe – HELSINKY 1992

Network of Pilot Basin Organizations
to test measures for adapting to climate change
WATER AND ADAPTATION TO THE EFFECTS OF CLIMATE CHANGE

2 December 2015
at COP21
Paris Pact on water and adaptation to climate change in the basins of rivers, lakes and aquifers

We, representatives of governments, international organizations, donors, national and transboundary basin organizations of rivers, lakes or aquifers, local authorities, of the civil society and companies, support the integration of fresh water into the Global Climate Action Agenda, especially for initiating or strengthening necessary adaptation actions in the basins of rivers, lakes, aquifers, large wetlands as well as coastal areas.

GENERAL STATEMENT

Climate change is already affecting and will increasingly affect the quantity and quality of freshwater and aquatic ecosystems, especially through the intensity and greater frequency of extreme hydrological events, such as floods and droughts, as well as the increase in ocean level, which threatens economic and social development and the protection of water-related ecosystems.

We recognize that adaptation actions should be undertaken without delay to minimize the impacts of climate change on the populations’ health and safety, on economic development and the environment, considering the importance of the protection of water-related ecosystems.

The basins are natural areas where water flows on the surface and in the subsoil; they are the relevant territories for organizing water resources management.

In order to ensure more effectiveness, these actions to adapt to climate change should thus be implemented at the level of river, lake and aquifer basins, through a joint, participative, integrated and sustainable water resources management.

We should act quickly before it is too late!

To that end, mobilizing new and increasing funding dedicated to climate change adaptation in basins is essential. Therefore, new basin organizations and existing ones should be financed and strengthened to facilitate the cooperation, coordination and exchange of information, dialogue, consultation and prevention of conflicts between stakeholders and to enhance the implementation of adaptation measures and the sharing of benefits on the basin scale.

We encourage donors to support prior assessments and actions for adaptation to climate change in basins.

Local authorities and communities, economic sectors and the civil society should be better associated and involved in basin management, including in the definition and implementation of adaptation measures.

Cooperation and exchange should increase between the institutions involved, especially among the basin organizations at the global and regional levels in order to facilitate the transfer of experience and know-how on best practices in basin management and adaptation to climate change.

357 SIGNATORIES!!
OCDE – WGI à RABAT
12 – 13 Janvier 2017
Panel de Haut Niveau sur l’eau et la paix à Genève 27 Février 2017
Conférence des grands lacs africains
à Entebbe
2 – 5 Mai 2017
EECCA – NBO General Meeting
à Moscou
18 – 19 Mai 2017
IWRA International Forum
À CANCUN
29 Mai - Juin 2017
INBO ACTION PLAN

LE PLAN D’ACTION DU RIOB

“DEVELOPING AND STRENGTHENING RIVER BASIN ORGANIZATIONS”

ASSOCIATED PROGRAM:
“DEVELOPING AND STRENGTHENING RIVER BASIN ORGANIZATIONS”

PROGRAMME ASSOCIE:
“DEVELOPPER ET RENFORCER LES ORGANISATIONS DE BASSIN”
“DEVELOPING AND STRENGTHENING RIVER BASIN ORGANIZATIONS”

4 MAIN EXPECTED OUTPUTS:

- Direct cooperation established between existing, future or pilot basin organizations through twinning agreements;

- Mobilization within existing basin organizations of professional assistance capacities in order to facilitate the setting up or development of new basin organizations and the debate on their management options;

- A synthesis of available knowledge and know-how, of best practices, preparation of recommendations or guidelines and drawing-up of training modules;

- The networking of water documentation systems to share and get access to useful institutional, legal, economic and technical information at the international level:
Output 1:

Promoting Twinning between Basins Organizations for Developing Integrated Water Resources Management best Practices

- Direct experiences sharing
- Exchange of decision-makers and technicians....
Associated Programme GWP-INBO

4 main fields of collaboration

Output 2:

- Capacities mobilisation from Basin Organizations:
  - Assistance with the implementation of institutional reforms,
  - Initiation of basin pilot projects,
  - Support to countries sharing a transboundary basin,
  - Assisting with the setting-up of new basin organizations,
  - Professional training of technical teams,
Associated Programme GWP-INBO

4 main fields of collaboration

- **Output 2:**
  - **Capacities mobilisation from Basin Organizations**
  
  - Design of monitoring networks and databases,
  - Assessment to planning process,
  - Establishment of institutional mechanisms for users’ participation in decision-making,
  - Financial and economical studies,
  - Assisting with the setting-up of new water taxes...
“THE PEER REVIEW MECHANISM”

For mobilizing the practitioners of RBDs and their competent authorities which will voluntarily submit RBMPs to the review performed by experts from other similar authorities of other EU Countries
Afri-Alliance (Afri-EU Innovation Alliance for water and Climate)

Advisory board: EC-JRC, JPI Water, Capt-Nrt UNDP, AMCOW, AfDB, Suez/Safege, Eurauq-Climate KIC, NetwerCH20
Phase 1: 2017

Detection/analysis of projects

Incubation of selected projects
Developing links with donors
Interfacing project holders/donors

COP23 Roundtable with donors
Associated Programme GWP-INBO

4 main fields of collaboration

Output 3:

- Synthesis of knowledge and Know-How:
  - To identify good practices,
  - To set common, easily accessible and measurable performance indicators,
  - To train staff and stakeholders from basin organizations,
ACP-EU WATER FACILITY / ACTIONS IN ACP COUNTRIES
Development of IWRM performance indicators for African Transboundary Basins management

KPI Project: Key Performance Indicators

10 pilots basins in 1ère phase:
- Niger (ABN / NBA)
- Volta (ABV / VBA)
- Lac Victoria (LVBC)
- Nil (NBI)
- Congo (CICOS)
- Sénégal (OMVS)
- Gambie (OMVG)
- Okavango (OKACOM)
- Orange (ORASECOM)
- Lac Tchad (CBLT / LCBC)
And, of course!

Manual para la Gestión Integrada de Recursos Hídricos en Cuencas

Manuel de Gestion Intégrée des Ressources en Eau par Bassin

A Handbook for Integrated Water Resources Management in Basins

Руководство по интегрированному управлению водными ресурсами в бассейнах

«The Handbook» INBO/GWP
Still translated in nine foreign languages!
The International Network of Basin Organizations (INBO), The Global Water Partnership (GWP), The French Development Agency (AFD), The GEF, UNESCO and UNECE,
THE HANDBOOK ON WATER INFORMATION SYSTEMS
ADMINISTRATION, PROCESSING AND EXPLOITATION OF WATER-RELATED DATA
March 2018

THE HANDBOOK FOR THE PARTICIPATION OF STAKEHOLDERS AND THE CIVIL SOCIETY IN THE BASINS OF RIVERS, LAKES AND AQUIFERS
March 2018
Associated Programme GWP-INBO

4 main fields of collaboration

- Output 4:
  - The networking of water information documentation systems
    - Exchange of information and documentation,
    - Assistance with the structuring of the National Relay Documentation Centers,
  - SEMIDE or AWIS
SADIEau : le Système Africain de Documentation et d'Information sur l’Eau

Identification des Connaissances locales

Dissémination vers les acteurs

AWIS : the African Water Information System
THANK YOU FOR YOUR ATTENTION!

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www.iowater.org

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secretariat@iowater.org

International Network of Basin Organizations
Réseau International des Organismes de Bassin
International Office for Water
Office International de l’eau