



International Association
of Water Supply Companies
in the Danube River
Catchment Area

*International Association
of the Waterworks in the
Danube Catchment Area*



The International Association ...

... of Waterworks in the Danube Catchment Area (IAWD) is concerned with improving and safeguarding the water quality of the Danube and its tributaries.

IAWD encourages all measures and attempts directed at avoiding and eliminating all contamina-

tion of, and hazards to, the raw water quality in order to ensure reliable drinking water supply. To achieve these goals, all efforts are undertaken to unite the water companies of all countries in the Danube catchment area in IAWD to encourage concentration on the following objectives:

- Representing the interests of all drinking water supply companies in the Danube catchment area
- Developing a uniform, internationally agreed monitoring and investigation programme to safeguard water quality as well as evaluating and publishing the results thus obtained
- Making the results of this work available to national and international institutions

- Public relations
- Maintaining a regular and continuous exchange of experience between members
- Co-operating closely with other organisations pursuing similar objectives

IAWD is an independent ...

... technical organisation. It is not commercially or profit oriented and exclusively serves public and scientific goals.

The problems of water supply can only be solved by means of transboundary solidary co-operation. The particular circumstances of the water compa-

nies in the Eastern European Danube catchment area are given special considerations.

The activities of IAWD are based on content goals set by the constituted technical Committees.



Foundation meeting on 28.10.1998 in Vienna



Honorary President Peter Suchomel

Technical-Scientific Advisory Committee (TWB)

This Advisory Committee was established concomitantly with IAWD. It is mainly charged with handling the measuring programmes implemented by IAWD. These measuring programmes also extend to tributaries of the Danube, such as Morava, Tisza and Drava. Additional special measuring programmes are to complement the studies conducted in parallel by the member companies (basic measuring programme) and at the same time identify suitable future activity areas of IAWD.

Another responsibility of the Advisory Committee lies in choosing the content for the Annual Report of IAWD.

Further activities of TWB:

- Questionnaire survey of 1997
- Ring tests (comparative studies)
- Danube study trips
- Participation in ICPDR's Joint Danube Survey
- Participation in various projects
 - European Water Treatment Technology Transfer (EWAT)
 - Tariff study 2000-2002 on behalf of UNOPS
- Support of IAWD member companies affected by the cyanide spill of 2000



TWB-meeting in Belgrade with sampling

Technical-Economic Advisory Committee (WBB)

This Advisory Committee established in 2001 supports member companies in the know-how exchange between water suppliers. This body helps water companies to improve their technical and organisational structure on the strength of their own technical competence.

Moreover, IAWD member companies are to be provided with specific information to enable them to raise funds through international organisations (e.g. EU, UNO).

As a platform for information exchange and an organiser of international expert meetings, IAWD does not compete with consulting enterprises and their activities.

Every year, together with one IAWD member company, WBB organises a seminar for information exchange, which also offers practical insights through visits to local water supply installations. These events are primarily to take place at the premises of water companies in Central and Eastern European countries.



Advisory Committee for the promotion of karst research and the management of protection zones and resources (Karst)



This Advisory Committee established in 2010 supports member companies in the production of drinking water from karst resources and in protecting drinking water resources originating in karst areas. Another objective is the advancement of knowledge about the conditions, interrelations and processes that are typical of karst areas or likely to influence the natural processes occurring in karst areas. The Advisory Committee supports public administrations in their task of regulating all activities in karst areas.

The means employed to attain these objectives are:

- Exchange of experience and know-how by means of websites, newsletters, conferences, seminars, excursions and expert visits
- Formation of a partner platform for research and application-oriented projects
- Support of members in project implementation
- Co-operation with other national and international organisations active in related areas
- Co-operation with national, international and in particular with EU bodies Public relations

By means of the Advisory Committee for the promotion of Karst Research, the described objectives are to be implemented and the required funds are to be provided.

Competence-Network Waterpool



The primarily Austrian competence network for "Water Resources and Management" (WATERPOOL), which is subsidised by the Federal Ministry of Economy, Family and Youth, the Federal Provinces of Carinthia and Tyrol as well as by Slovenia, Croatia and the Italian Province of Pordenone, was established in December 2003 in the context of a technology push initiated by the Austrian federal government; today,

with the participation of partners from Germany, Slovenia, Croatia and Italy, it finds itself in an excellent position to play an active role in the shaping of the European development space.

Today this body has grown into one of the biggest Central European competence networks linking 86 commercial and research partners. The partners invest their know-how and benefit from close co-operation. In keeping with the general purpose behind WATERPOOL, the quantity and quality of water resources and their availability over space and time are at the centre of interest so as to ensure their sustainable utilisation by the economy.

To further safeguard innovative co-operation, the competence network "Wasserressourcen GmbH" was restructured; as a result, the organisation is now owned in equal parts by strategic representatives of business and research circles.

Since 2010 IAWD is a partner of WATERPOOL GmbH and will actively participate in the organisation's projects through its members.

Symposia

“Surface Water and Groundwater Quality in the Danube Catchment Area”

Siofok/Hungary, 2001

“Public Drinking Water Supply in the Danube Catchment Area”

Opatija/Croatia, 2002

Danube Symposium “Water in the Danube”

Vienna, 2003

“Visions and Perspectives on the Drinking Water Supply in the Danube Area”

Vienna, 2004

IAWD/IAWR Symposium “Requests on the Conversion of the EU – Water Framework Directive”

Vienna, 2005

Honorary Colloquium: “The Danube ... what happened till today!”

Vienna, 2007

IAWD/IAWR-Symposium, 3/4 October 2010, Vienna

„Water Resources Protection and Risk Management in River Basins“

Events with International Water Association (IWA)



International Water Association

“Groundwater Management in the Danube River Basin and other Large River Basins”, Belgrad, 2007

IWA – “Water Loss”, Rumänien, 2007

Exhibition booths at:

4th World Water Congress and Exhibition, 19. - 24. September 2004, Marrakech

5th World Water Congress and Exhibition, 10. - 14. September 2006, Beijing

6th World Water Congress and Exhibition, 7. - 12. September 2008, Vienna

7th World Water Congress and Exhibition, 19. - 24. September 2010, Montreal

Water Berlin 2001, 2003, 2004, 2006, 2009, 2011



„Public Drinking Water Supply in the Danube Catchment Area“, Opatija/Croatia, 2002



7th IWA-World Water Congress, Montreal, 2010



IAWD served as the regional partner in the organisation of the 6th IWA World Water Congress, which took place in Vienna in early September 2008. Since 1993 and with the strong support of the City of Vienna, IAWD has been active in the Danube region by promoting expert co-operation in the field of drinking water management through joint studies, analyses and events. After 15 years of intense activity, the World Water Congress was the absolute highpoint in the annals of IAWD. For a number of years, the position of the Danube region as one of the most interesting examples of international water management has been duly recognised; this fact was taken account of at the World Water Congress by including a special Danube action day in the conference programme. This focal event was organised jointly with ICPDR (International Commission for the Protection of the Danube River).

IWA registered more than 4,500 participants from 94 countries at the 6th International World Water Congress. Over 1,000 expert contributions and around 30 workshops addressed such key issues as wastewater management, hydroelectric power generation, water treatment and desalination. IWA representatives emphasised that the water industry will face unprecedented challenges in coming years and decades. These will specifically include population growth, urbanisation and the effects of climate change. In many cases, it was argued, it will no longer be possible to rely on established methods, procedures and practices. This state of affairs thus calls both for adjustment to the new situation and for the comprehensive, in-depth discussion of novel and innovative solutions to cope with the problems of the future, it was claimed.

IWA President David Garman expressed great satisfaction with the outcomes of the Vienna World Water Congress, calling it a "true milestone in the

ongoing collaboration among water professionals". He commented that it had been possible to significantly intensify and advance the manifold forms of co-operation both within IWA and with partners outside the institution. Moreover, the Congress participants praised the event organisation, in which the International Association of Waterworks in the Danube Catchment Area played a central role, with the City of Vienna acting as institutional partner.

At the end, all guests and delegates took many positive impressions of Vienna and the IWA World Water Congress back home.



Exterior, Austria Center Vienna



I A W R



Internationale
Arbeitsgemeinschaft
der Wasserwerke
im Rheineinzugsgebiet

International Association of Waterworks in the Rhine Catchment Area (IAWR)

Similar to IAWD, IAWR is an international association of waterworks in a river catchment area (Rhine). Structurally, IAWR is composed of three regional organisations: Arbeitsgemeinschaft der Wasserwerke Bodensee-Rhein (Association of Waterworks in the Lake Constance-Rhine Region, AWBR), Arbeitsgemeinschaft der Rhein-Wasserwerke (Association of Rhine Waterworks, ARW) and Vereniging van Rivierwaterbedrijven (Association of River Waterworks, RIWA). With its three member organisations, IAWR, which serves roughly 30 million persons in the Rhine catchment area, represents the interests of approx. 120 water companies from the six riparian countries Austria, Switzerland, Liechtenstein, France, Germany and Netherlands.

It is the objective of IAWR to protect the Rhine, its tributaries and the pre-Alpine lakes so that the quality of their waters will be good enough to allow drinking water to be produced using only natural methods.



International Commission for the Protection of the Danube River (ICPDR)

ICPDR was established in 1998 to implement the Danube River Protection Convention. The organisation is not only concerned with the Danube itself but takes account of the entire catchment area including tributaries and groundwater resources, in the same way as ICPDR does. The ICPDR Secretariat is domiciled in Vienna.

Since 2002, IAWD holds observer status with ICPDR. As an NGO (non-governmental organisation), IAWD may participate in all official events and meetings of ICPDR. Of course, the prime interest of IAWD is water quality in order to ensure durably safe, sustainable drinking water supply for the water companies in the Danube catchment area.

The highpoint of the co-operation between IAWD and ICPDR was the Ministerial Conference on 13 December 2004 to commemorate the 10th anniversary of the Danube River Protection Convention.

Joint projects of IAWD and IAWR:

Groundwater-Memorandum 2004



Requests on the Conversion of the EU – Water Framework Directive



Danube, Meuse and Rhine - Memorandum 2008



Publications may be ordered free-of-charge through the IAWD office or downloaded from the IAWD website (www.iawd.at).

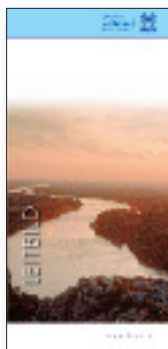


Annual Report of IAWD

IAWD publishes its work in annual reports which appear every 2 years.

These annual reports are available in German as well as in English. They give information on the manifold activities of IAWD: measuring programme, analysis, printed lectures, reports, introduction of member water companies, information about the organisation.

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Mission Statement of IAWD

The IAWD mission statement provides strategic orientation and embodies the public image of our Association.



Danube Memorandum of IAWD

On the occasion of the cyanide spill, the Board of IAWD charged the TWB with the task of developing a memorandum containing a number of demands in order to prevent future accidents of this kind or at least to minimise their effects.

The Danube Memorandum formulates guiding principles to secure the attainment of the objective of IAWD to make sure that the water supply companies in the Danube catchment area will always be able to produce sufficient quantities of good-quality drinking water from the available raw water while exclusively using natural treatment methods, if necessary:

- **Ecologically intact, quantitatively sufficient water resources**
- **Priority for drinking water production over other forms of water use**
- **Preventive water protection**
- **Ban on the deterioration of water quality**
- **More extensive wastewater purification**
- **Contamination of water by substances from diffuse sources and as a consequence of technical breakdowns**
- **Calculation of wastewater immission charges according to the "polluter pays" principle**
- **Water monitoring**

Homepage of IAWD: www.iawd.at



The publications of IAWD can be ordered free of charge from the office of IAWD.

Ordinary Members

Schweiz

- Gemeinde St. Moritz – Wasserversorgung

Deutschland

- Zweckverband Bodensee – Wasserversorgung
- SWU Energie GmbH
- REWAG
- Stadtwerke Passau GmbH
- Zweckverband Wasserversorgung Fränkischer Wirtschaftsraum

Österreich

- Wiener Wasserwerke
- evn wasser GmbH
- Wasserleitungsverband der Triestingtal- und Südbahngemeinden
- Wasserleitungsverband Nördliches Burgenland
- Linz Service GmbH – Geschäftsbereich Wasser
- Grazer Stadtwerke AG

Tschechische Republik

- Brnenske vodarny a kanalizace, a.s.
- Vodarenska akciová společnost, a.s.

Slowakei

- Bratislavská vodarenská spoločnosť, a.s.

Ungarn

- Fővárosi Vízművek Rt.
- Dunántúli Regionális Vízmű Rt.
- Duna menti Regionális Vízmű Zrt.

Slowenien

- Mariborski Vodovod – Javno Podjetje d.d

Kroatien

- Vodoopskrba i Odvodnja

Bosnien + Herzegowina

- Vodovod i kanalizacija Sarajevo

Serbien

- JKP Vodovod Beograd
- JKP Vodovod i kanalizacija Novi Sad
- Vodovod Zrenjanin
- JKP Naissus Nis

Rumänien

- SC Apa Nova Bucuresti SA

Supporting Members

Österreich

- Hammerer System-Meßtechnik
- Elin Wasserwerkstechnik GesmbH
- Grundfos Pumpen Vertriebs GmbH
- avintos Flow Control Vertriebs GmbH
- hydrophil consulting & knowledge development GmbH

Serbia

- Institute for Water Resources "Jaroslav Cerni"

Extraordinary Members

- Wasserversorgung Zürich
- IAWR
- AWBR
- Visky oblastni vodovod



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