

Congrès International et Exposition
World Congress and Exhibition



3 - 7 Juillet
July 2000

*1st World Congress
of the International
Water Association (IWA)*

> Announcement and Calls for Papers



IWSA



AISE

JOINT IAWQ-IWSA PROGRAMME COMMITTEE

Prof. w.o.k. Grabow, South Africa (chairman)
Prof. M. Dohmann, Germany
Mr. J. Gilbert, USA
Prof. C. Haas, USA
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Mr. A. Lesouëf, France
Mr. J. Nielsen, Australia
Mr. A.W. van der Vlies, The Netherlands
Mr. D. Villessot, France
Prof. J. Wanner, Czech Republik
Prof. Y. Watanabe, Japan

NATIONAL HOST COMMITTEE

D. Ballay, ENGREF, Congress President
M. Affholder, SIAAP, Host Committee Chair
D. Barrillon, Ministère de l'Agriculture et de la Pêche
G. Beaudoin, Pont-à-Mousson S.A.
J. Bernard, Aghtm
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D. Guillaumont, Les grands lacs de Seine
A. Héduit, Cemagref
A. Lesouëf, Générale des Eaux
G. Michel, SAUR-CISE
B. Saunier, Safège
J. Sibony, OTV
P. A.Roche, Agence de l'Eau Seine-Normandie
B. Tramier, Elf Aquitaine
D. Villessot, Lyonnaise des Eaux
M. Weisbein, Lyonnaise des Eaux

Paris 2000 Congress Secretariat :

**aght
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Aghtm-cfrp
83, avenue Foch BP 39.16
75761 Paris Cedex 16
FRANCE

Tél : + 33 1 53 70 13 51 ou 53 - Fax: + 33 1 53 70 13 40
Web Site: <http://www.aghtm.org> - Email: aghtm@aghtm.org

PARIS 2000 CALLS FOR PAPERS

> INVITATION

You are cordially invited to the first World Congress of the new International Water Association (IWA), formed by the merger of the International Association on Water Quality (IAWQ) and the International Water Services Association (IWSA). This great event will give the opportunity to bring together all people interested in water management and to merge the best traditions of IWSA and IAWQ.

It will consist of several parallel sessions on **both research-oriented (science and technology themes) and applications oriented topics (operation and management themes)**.

Water resources management, drinking water production and distribution, wastewater collection and treatment, and managerial and economic aspects of these activities will be considered.

> DATE AND VENUE

Paris will have the privilege of welcoming the participants of the First IWA World Congress. The Congress will be held in the newly expanded PARIS CONFERENCE CENTER - Porte Maillot in Paris, from 3 to 7 July 2000.

> CONGRESS FORMAT

- **Science and technology themes** will be treated in four simultaneous sessions daily on research-oriented topics involving municipal and industrial water and wastewater treatment processes, impact of contaminants on receiving waters, hazardous waste management and control, (see page 2).
- Special sessions (**operation and management themes**) will bring together researchers and practitioners not only for formal presentations but also for discussions and exchange of experience. A feature of the conference will be looking at the prospective on key topics of water management drawing on the best of new research, (see page 3).

The Congress will also host two specialized conferences on:

> **Waste Water Reclamation, Recycling and Reuse** (see page 4-5).

> **Health-Related Water Microbiology** (see page 6-7).

- A **poster session** will also present the latest information. All selected posters will be published on CD-Rom that will be given to the participants.

- An **exhibition** of technologies, equipments and services will take place within the Congress. Details can be obtained at this address:

Group Miller Freeman

Contact: **Isabelle Le Gall**

70 rue Rivay - 92532 Levallois-Perret Cedex France

Tel: + 33 1 47 56 51 96 - Fax: + 33 1 47 56 21 10

E-mail: isabelle_le-gall@unmf.fr

- A post-Conference symposium on **Sequencing Batch Reactors** will be held in Narbonne on 10 to 12 July. (see page 8-9).

> SUBMISSION

Different arrangements for submission and review will apply, depending on whether your paper is in the Science and Technology themes, the Operation and Management themes, or one of the specialized conferences. Please read the calls for papers carefully and ensure that you send your submission to the correct address.

> AUTHOR ATTENDANCE

At least one author must attend the Congress to personally present a paper or a poster. Authors must meet their own expenses, including registration fees for attending the Congress.

> LANGUAGES

All papers and posters must be submitted in English. Simultaneous translation English / French will be provided during the sessions.

SCIENCE AND TECHNOLOGY THEMES

We invite manuscripts for oral presentations in any of the following subject areas. The following list proposes broad themes, but we encourage you to submit papers on specialized aspects of these themes:

- Drinking water quality, treatment and distribution
- Wastewater collection and treatment
- Stormwater management
- Residuals management
- Energy management
- Water Resources management and protection, including non-point source pollution
- Agro-industries, chemical and petrochemical industries, paper industries, waste management and processes, including pre-treatments
- Preservation of aquatic environment
- Regulatory issues
- Hazard assessment
- Tastes and odours

> CALL FOR SCIENTIFIC AND TECHNICAL PAPERS

Only full and complete manuscripts suitable for peer review and subsequent publications will be considered.

Manuscripts must not exceed 8 pages in length, including all tables, figures and references.

Manuscripts can be submitted in electronic format by e-mail (Word, Word Perfect), or by regular paper copy. They should be marked "Paris 2000" and be received at the address below **no later than July 1st, 1999.**

IAWQ

Duchess House, 20 Mason's Yard
Duke St. St Jame's
LONDON SW1Y 6 BU
United Kingdom

Tel: + 44 1 71 839 8390

Fax: + 44 1 71 839 8299

Web site <http://www.iawq.org.uk>

E-mail :info1@iawq.org.uk

You can get details, guides on the format for the presentation of papers at the same address.

PUBLICATION

- > Selected papers will be considered for publication in a special issue of Water Science and Technology.

CALL FOR SCIENTIFIC

> AND TECHNICAL POSTERS

Posters proposals should not exceed 4 pages, including all figures.

They can be submitted in electronic format by e-mail (Word, Word Perfect), or by regular paper copy.

They should be received at the address mentioned below **before 15 January 2000.**

Congrès Paris 2000

AGHTM

83 Avenue Foch

BP 39.16

75761 PARIS cedex 16

France

Tel: + 33 1 53 70 13 51 ou 53

Fax: + 33 1 53 70 13 40

Web site: <http://www.aghtm.org>

E-mail:aghtm@aghtm.org

Details on the format can be obtained at the same address.

PUBLICATION

- > Selected posters will be published on CD-Rom, which will be given to the participants.

OPERATION AND MANAGEMENT THEMES

Since one important aim of the Congress is to promote fruitful discussions between researchers and practitioners during these special sessions, we strongly encourage practitioners to submit papers dealing with real cases related to the topics listed below.

Sessions dealing with the managerial aspects of drinking water production and distribution and wastewater collection and treatment will be organized.

We welcome papers related to the following topics:

- Watershed management
- Water resources and demand management
- Drinking water operational methods and tools
- Activated carbon usage optimisation in drinking water treatment
- Sewers: ageing, renewal needs, network quality
- Stormwater management
- Small wastewater treatment plants
- Nuisance-free wastewater treatment plants
- Aeration in wastewater treatment plants
- Grease and residuals of non-collective wastewater treatment systems
- Sludge management
- Industrial wastewater treatment
- Leachate management
- Wastewater operational methods and tools
- Administrative and technical management organisation
- Technico-economic optimisation in drinking water and wastewater management
- Infrastructure management
- Cost control, economic optimisation
- Personnel training

> CALL FOR OPERATION AND MANAGEMENT PAPERS

The following documents will be accepted for selection:

- either a full paper not exceeding 8 pages including all figures,
- or a 500 words summary.

The documents can either be submitted under electronic format by e-mail (Word, Word Perfect) or by regular paper copy.

Manuscripts should be marked "Paris 2000" and must be received at the address below **no later than July 1st, 1999.**

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> PUBLICATION

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> CALL FOR OPERATION AND MANAGEMENT POSTERS

Posters proposals should not exceed 4 pages, including all figures.

They can be submitted in electronic format by e-mail (Word, Word Perfect), or by regular paper copy.

They should be received at the address mentioned below **before 15 January 2000**

Congrès Paris 2000
AGHTM

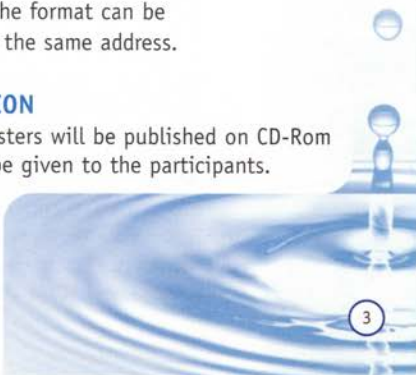
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E-mail: aghtm@aghtm.org

Details on the format can be obtained at the same address.

> PUBLICATION

Selected posters will be published on CD-Rom which will be given to the participants.



3RD INTERNATIONAL SYMPOSIUM ON WASTEWATER RECLAMATION, RECYCLING AND REUSE.

**ORGANIZED BY IAWQ SPECIALIST GROUP
ON WASTEWATER RECLAMATION, RECYCLING AND REUSE**

- > *Increased interest in wastewater reclamation, recycling and reuse is occurring in many parts of the world in response to the growing needs for high quality, dependable water supplies for agriculture, industry, environment and the public; this situation has been exacerbated by increasing competition for water and also frequent droughts in recent years. Today, technically proven wastewater treatment and purification processes exist to produce water of almost any quality desired. Thus water reuse has evolved to become an integral component in fostering the optimal planning and efficient use of water resources. The effective integration of water and reclaimed wastewater, however, requires close examination of public health issues, infrastructure and facilities planning, wastewater treatment plant siting, treatment process reliability, economic and financial analysis, and water utility management.*

AIMS OF THE SYMPOSIUM

This Symposium will bring together international knowledge and expertise on a wide range of topics on wastewater reclamation, recycling and reuse, focusing on the socio-economic, scientific and engineering accomplishments made during the last quarter of this Century. It will be of particular interest to the professionals from industry, engineering companies, government agencies, universities and research institutions, public health organisations, public utilities and water companies, regulatory agencies and environmental groups, working in the fields of water resources management, water and wastewater treatment, public health, risk assessment, economics and utilities planning, and environmental protection.

MAIN TOPICS OF THE TECHNICAL PROGRAMME

Appropriate technologies for water and waste water reclamation, recycling and reuse-
Advanced treatments - Disinfection - Health effects and health risk assessment - Public education and outreach programmes - Planning for water reuse - Industrial reuse - Irrigation - Urban reuse - Indirect and direct potable reuse - Economics, pricing and financing - Water quality issues and non-point source pollution control - Watershed management: Case studies - Resource management - Regulatory and institutional issues.

ORGANIZING COMMITTEE

> J. Bontoux (France), Chair, F. Brissaud (France), Secretary, D. Ballay (France), 1st IWA World Congress President, A. Angelakis (Greece), T. Asano (U.S.A) R. Mujeriego (Spain), L. Sala (Spain).

SCIENTIFIC PROGRAMME COMMITTEE

R. Mujeriego (Universidad Politécnica de Cataluña, Spain), Chair, G.K. Anderson (University of Newcastle, UK), J. Anderson (Public Works Services, Australia), A. Angelakis (National Foundation for Agricultural Research, Greece), T. Asano (University of California at Davis, USA), A. Bahri (Ministère de l'Agriculture, Tunisia), J. Bontoux (Université Montpellier 1, France), F. Brissaud (Université Montpellier 2, France), J. Crook (Black & Veatch, USA), B. El Hamouri (Institut Agronomique et Vétérinaire Hassan II, Morocco), N. Funamizu (Hokkaido University, Japan), I. Hespanhol (University of Sao Paulo, Brazil), B. Jimenez (Universidad Autonoma de México, México), A. Kanarek (Mekorot Water Company, Israel), P. Mantovani (Générale des Eaux, USA), M.H. Marecos do Monte (Laboratorio Nacional de Engenharia Civil, Portugal), U. Neiss (Technische Universität of Hamburg, Germany); C. Nurizzo (Politecnico di Milano, Italy), A.Olivieri (Eisenberg, Olivieri & Ass.Inc.,USA), P. Renaud (Suez-Lyonnaise des Eaux, France), M. Salgot (Universitat de Barcelona, Spain), J. Schwarzbrod (Université de Nancy, France), G. Steenveld (Water Research Commission, South Africa), V. Visvanathan (Asian Institute of Technology, Thailand).

TECHNICAL VISITS

Technical visits to water reclamation, recycling and reuse facilities in France and Spain will be organized.

SUBMISSION OF PAPERS

Interested persons are cordially invited to submit papers for oral or poster presentation for consideration by the Scientific Programme Committee. Full papers, according to the IAWQ writing style requirements (written in English, limited to 8 pages including figures and tables), should be sent to the **Scientific Secretariat** listed below **no later than 1st July, 1999**.

SCIENTIFIC SECRETARIAT

Prof. François Brissaud/ Ms. Nicole Couesnon
Hydrosciences Montpellier
Université Montpellier II, cc 056
34095 Montpellier Cédex 05, France
Tel.: + 33 4 67 14 33 10
Fax: + 33 4 67 14 47 74
E-mail: wrrr.2000@dstu.univ-montp2.fr





3-7 july 2000

HEALTH-RELATED WATER MICROBIOLOGY SYMPOSIUM

The Health-related Water Microbiology Group of the International Association on Water Quality will hold its tenth Symposium in Paris as a parallel session with the main IWA Congress Programme.

THE SYMPOSIUM

- > We aim to bring together those interested in all aspects of the health hazards associated with the microbial contamination of the whole water environment. Whilst inevitably there will be substantial input of laboratory-based investigations, the application of methods of analysis, risk assessment models, investigation of disease outbreaks associated with water exposure, evaluation of treatment processes etc, will be particularly welcome. The input of professionals addressing the practical aspects of safeguarding public health through disease surveillance, operational control, legislation and education is especially encouraged.
- > Symposia of the Health-related Water Microbiology Group (most recently Mallorca 1996, Vancouver 1998) are renowned for their high quality of presentation as well as their enthusiastic and friendly participants. Indeed, the Symposia series has become recognized as being an essential part of every water microbiologist's diary.
- > The Paris 2000 Symposium will be the springboard into the next century when new innovations for the protection of public health will no doubt be at the forefront.

CALL FOR PAPERS

Selection of papers for both oral and poster presentation will be based on abstracts of up to 500 words received by the indicated submission date. Abstracts received after the closing date for oral presentations will only be considered for poster presentation. The programme will be drawn up after due review by the HRWM Programme Committee of the abstracts received by the deadline.

ABSTRACTS

For all abstracts submitted (a) the author for correspondence (full name, address, fax number, e-mail address) must be clearly indicated and (b) there must be a clear indication of whether the paper is submitted for oral or poster presentation - if no such indication is made the abstract will only be considered for poster presentation.

MANUSCRIPTS

Authors selected to present their findings to the Symposium will be invited to submit a manuscript for consideration as part of the refereed Proceedings to be published in a special issue of Water Science & Technology (Instructions to authors will be forwarded at this time) Acceptance of an abstract for inclusion in the programme of the symposium will not in any way imply acceptance of manuscripts for inclusion in the Proceedings.

SELECTION RESPONSIBILITIES

Selection of papers for inclusion in the oral and posters sessions and the acceptance of manuscripts for publication will be the responsibility of the Programme/Editorial Committee and their decisions will be final. No correspondence will be entered into regarding such selections. Deadlines are absolute and there will be no allowance for late abstracts/manuscripts.

TIMETABLE

- > Last date for submission of abstracts for oral presentation: **31 January 2000**
- > Authors notified of acceptance of oral presentation: **15 March 2000**
- > Last date for submission of abstracts for poster presentation: **1 March 2000**
- > Authors notified of acceptance of poster presentation: **15 March 2000**
- > Last date for submission of final manuscripts: **31 May 2000**
- > Authors notified of acceptance of manuscripts: **30 September 2000**

CORRESPONDENCE

All abstracts should be sent (preferably by e-mail) to:

Dr Ray Morris, Chair HRWM Group
142 Hinckley Road, Barwell, LE9 8DN
United Kingdom
Fax: (+44)-1455-842145
E-mail: paris@microbe.demon.co.uk



ON SEQUENCING BATCH REACTOR TECHNOLOGY

> *Linked to the 1st IWA World Congress "Paris 2000"*

Organized by

- National Institute for Agronomic Research (INRA)
- IWA Specialist Group on Activated Sludge Population Dynamics
- IWA Specialist Group on Design and Operation of Small Wastewater treatment Plants
- IWA French National Committee

> PURPOSE OF THE SYMPOSIUM

The first IAWQ Specialized Conference on SBR technology was held in Munich (Germany) from 18 to 20 March, 1996. This scientific event was a success and gathered 250 delegates from 30 countries. 42 oral papers and 41 posters were presented during 3 days.

Currently, a growing interest in SBR technology is developing and scientific research developments, and full scale applications of this technology are increasing all over the world with applications from municipal and industrial wastewaters treatment to the treatment of hazardous wastes, ranging from low strength groundwater, moderate to high strength leachates and contaminated soils.

Four years after the Munich Conference, the SBR Conference in Narbonne will be the opportunity to have an overview of periodic biological treatment technologies including activated and anaerobic sludges, biofilm and soil slurry systems. Results, experiences and ideas generated both in practice and in research are ripe for presentation in a comprehensive form. This conference will provide an excellent opportunity for researchers and users to share their scientific knowledge and their practical experience.

> MAIN TOPICS OF THE TECHNICAL PROGRAMME

- Microbial and kinetic aspects in SBR technology
- Urban wastewater treatment by SBR technology
- Industrial wastewater treatment by SBR technology
- Solid and slurry phase treatment by SBR technology
- Biological nutrient removal by SBR technology
- Full scale applications

> VENUE AND DATE

The proposed symposium will be organized as a post-conference of the 1st IWA World Congress Paris 2000. The Narbonne symposium will start on Monday morning, July 10, 2000 and will be closed on Wednesday 12, 2000.

The symposium will be held in the historic 12th century Bishop's Gallery at the Narbonne City Hall.

Narbonne is a city steeped in a 2000 years of history and tradition, located in the south of France, near the Mediterranean sea, not far from Spain. This tourist city is easy to reach from Paris by excellent train and airplane connections: TGV fast train or domestic flights via Montpellier, Toulouse, Béziers or Perpignan.

> CALL FOR PAPERS

The programme for this conference will comprise both oral and poster presentations. Each topic will be introduced by an invited lecturer who will provide a general overview of the current state of the knowledge in the particular topic area. The duration of each oral presentation will be 15 minutes and the discussion phase will be at the end of each sessions.

Interested persons are cordially invited to submit papers for oral or poster presentation for consideration by the programme committee. The papers should be written in English and limited to 8 pages, including figures and tables. The deadline for submission of papers is **1st July 1999**. Papers should be sent to the secretariat of the organizing Committee (see information page 9).

> LANGUAGE

English will be the official symposium language.

12 July 2000 Narbonne, France

> INFORMATION

For any technical information regarding the 2nd International Symposium, please contact the secretariat of the organizing committee:

INRA-LBE

Attn: Drs. M. Torrijos and J.P. Delgenès

Avenue des étangs

11100 Narbonne. France.

Tel: + 33 4 68 42 51 51

Fax: + 33 4 68 42 51 60

E-mail: sbr2000@ensam.inra.fr

of Narbonne, France,

Pr. ELMALEH, University of Montpellier II, France,

Dr. LEFROU, Gerffeau, Montpellier, France,

Dr.-Ing. Etienne PAUL, National Institute

of Applied Sciences (INSA), Toulouse, France,

Dr.-Ing. Michel TORRIJOS, INRA of Narbonne,

France,

Secretary: Mrs Nadine LE THINH, LBE, INRA, Avenue des Etangs, 11 100 Narbonne, FRANCE

Tel: + 33 4 68 42 51 50

Fax: + 33 4 68 42 51 60

> SCIENTIFIC PROGRAMME COMMITTEE

Prof. Dr.-Ing. Peter A. WILDERER, Technical University of Munich, Germany, (Chairman),
Dr. René MOLETTA, INRA of Narbonne, France (vice-chairman),

Dr. Asher BRENNER, Ben Gurion University of the Negev, Israel,

Prof. Robert L.IRVINE, University of Notre Dame, USA,

Dr. Jurg KELLER, University of Queensland, Australia,

Prof. Jung Jun LEE, Chonnam National University, Korea,

Roberto RAMADORI, CNR-Roma, Italy,

Kazuhiro TANAKA, college of Science and Technology, Nihon university, Japan,

Valter TANDOI, National Research council, Roma, Italy,

Prof. Dr. Jiri WANNER, Prague Institute of Chem. Technol., VSCHT, Czech Republic.

> REGISTRATION FEES

The Participants to both the IWA specialized SBR Symposium in Narbonne and the 1st IWA World Congress Paris 2000 will take advantage of a special discount.

> ORGANIZING COMMITTEE

Dr. René MOLETTA, National Institute of Agronomic Research, INRA of Narbonne, France (Chairman),

Prof. Dr.-Ing. Peter A.WILDERER, Technical University of Munich, Germany, (Vice-chairman),

Pr. Denis BALLAY, ENGREF, France

(1st IWA World Congress President),

Dr.-Ing. Jean Philippe DELGENES, INRA



France
3-7 july 2000 - Paris



Palais des Congrès - Porte Maillot - Paris

CONVENTION CENTRE VERSION YEAR 2000

Work has been going on since the beginning of 1998, to not only extend but also transform the Convention Centre. The most spectacular of transformations is most probably the extension itself. At the end of 1999, the Centre will be able to offer not just its avant-garde facade, but also accommodation for nearly twice as many people as before, and will further magnify the historical axis of the Louvre, the Arc de Triomphe and the Grande Arche.

What better environment for an international congress?

PARIS THE CAPITAL CITY

A break between two conferences? Make the most of it - you are at the very heart of the City of Light, just a stone's throw away from the famous avenue Champs Elysées. Every single neighbourhood of Paris is an invitation to travel in time and space. The Latin quarter, Montparnasse and Saint-Germain-des-Prés all offer a fascinating image of Paris. Montmartre is still a picturesque village with its warm and welcoming «bis-tros». From the Opera to the Place de l'Alma, Paris is being transformed into a capital of fashion and a business city.

GENERAL INQUIRIES

All inquiries should be directed to:

aghtm

Aghtm-cfrp
83 Avenue Foch - B.P. 39.16
75761 Paris - Cedex 16 - FRANCE
Tél : + 33 (0)1 53 70 13 51 or 53
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[http : //www.aghtm.org](http://www.aghtm.org)
e-mail : aghtm@aghtm.org