

Member Newsletter

2 New staff at IWA



4 Year of Sanitation update



5 Project Innovation Awards



7 Specialist Groups



8 ASIPRE in Taipei



Sanitation – The Really Tough Problem

Whenever I stop and think about the momentous challenge before us -- developing appropriate sanitation options for over half the planet's population in the multitude of physical and economic circumstances around the world -- I feel completely overwhelmed. And I know many of you share this feeling.

Consider these facts. First, we are lacking even basic consensus on what is meant by the word sanitation. Some argue (self servingly) that providing sanitation for their communities is accomplished simply through providing some form of toilet and that excreta management and treatment is outside their scope of responsibility. Clearly, achieving agreement that the term sanitation must embody all elements of faecal management – from toilets through some form of treatments and disposal – must be the number one priority for the community of water professionals in attacking the sanitation challenge.

Second, the world seems to be stuck in an unfortunate debate between two self-limiting options – the high cost, water intensive sanitation systems developed in the Victorian era versus dry sanitation systems that some argue provides the sole salvation for the future but which few aspire to. Between these two options are a wide range of economically and environmentally sustainable sanitation alternatives that often lack widespread understanding, demonstration and acceptance. The challenge before us is achieving this understanding and acceptance in a dramatically accelerated timeframe. The energy intensity of traditional approaches to sanitation will only accentuate the urgency of this challenge.

Third, the community of sanitation specialists seem to occupy two spaces – rural and urban, each defining the problem and solutions of the global sanitation challenges as though the other space doesn't exist. In the process, a baffled set of policy makers watch as the sanitation experts talk past each other in fora like the UN Commission on Sustainable Development. Equally bad, valuable lessons are lost from the lack of cross-talk between these spaces and the professionals that occupy them. Bridging this divide must also be high on our list of needed actions.

Looking down at the global sanitation situation from 10,000 metres and considering these facts, it seems obvious to me that it's time for the community of water professionals to get their act together with regard to sanitation. As water professionals we need to get our thinking straight, resolve ourselves to a course of action and make our voices heard in that order. And we need to do this quickly!

Three opportunities lie in front of us to support a campaign building on the many sanitation groups and fora exchanging ideas throughout the year. First, the 2008 IWA World Water Congress in Vienna this September (followed by the 2009 IWA Global Development Congress in Mexico City and the 2010 IWA World Water Congress in Montreal) each have major concentrations on sanitation and global sanitation options. Each involves the core of the community of water and sanitation professionals from which new solutions will need to be developed. And each can build on the rich set of specialist group and regional conferences such as the



IWA Sanitation Options conference in Hanoi in November 2008.

Second, the Stockholm International Water Week in 2008 and 2009 will also focus on both rural and urban sanitation options and will provide the opportunity to deal with the crucial sanitation agenda with a more policy-focused set of delegates which nicely complements the IWA congresses and specialty conferences.

Finally, the 2009 World Water Forum in Istanbul, Turkey will include a special panel on sanitation aimed at exposing decision and policy makers to an expanded pathway for appealing, affordable and environmentally sustainable sanitation options.

So the question to all of you reading this column is this – are you ready to step up to the challenge ahead and contribute in your own way to supporting the sanitation needs of half the world's population? I believe the answer for nearly all of you is yes. And I know that the leadership of IWA will do its best to ensure that IWA is prepared to support you in this endeavour.

Paul Reiter
reiter.thoughts@iwahq.org

IWA News Update

2008 Internship Programme Begins

IWA recognizes the importance of attracting more young professionals into the water sector, not least as a way to ensure adequate succession planning in what is typically an ageing industry. Since 2005, the Association has been offering an internship programme as one of the ways in which IWA headquarters can contribute directly to YWP career development. This internship programme typically operates during the summer months each calendar year, and has attracted high quality, high calibre candidates who are eager to learn more about sustainable water management.

In particular, IWA has been successful in developing a placement relationship with Princeton University in the United States, and has received 5 interns under this arrangement to date. Martha Carr, one of the two expected interns for 2008, started at the Den Haag offices

of IWA in early June, and is supporting a range of projects within the Association, including working on our own Young Water Professional programme (where, incidentally, she will work on identifying and establishing an internship database which could be of use to IWA members in the future).

Each intern works within a supervisory framework under IWA staff, and is responsible for specific deliverables set against an agreed terms of reference and timeline. Wherever possible, the Association maximizes contact for the intern between IWA members and staff so that a clear picture is gained of the diversity of working environments, career prospects, challenges and solutions in the water sector.

For further information about the current internship programme, contact Darren Saywell at darren.saywell@iwahq.org

New task force at IWA: Access to water

A task force on Access to water is under development at IWA. In essence, this initiative will seek to identify and present the current state of knowledge about the mechanisms to boost access to water, especially in developing countries, highlight any gaps or uncertainties in that knowledge and pursue some of the questions that arise. For more information, or to join the task force please contact Ase Johannessen at ase.johannessen@iwahq.org



New Staff at IWA!

Nathalie Bovenberg, Executive Assistant

Nathalie joined IWA at the beginning of May as Executive Assistant.

Nathalie's responsibilities primarily focus on providing assistance to Executive Director Paul Reiter and Chief Operating Officer Armand van Oostrom, but also extend to include Human Resources and Office Management more generally.

Until September 2001, Nathalie was involved in setting up telecom companies worldwide and was based in various countries including Egypt and France. In her four years with WorldxChange/ Worldaccess, Nathalie played a key role in the acquisition process of various subsidiaries worldwide and the development of these subsidiaries in all its facets, including planning of strategy and business plans, creation of Office Management and Secretarial Departments, establishment of policies and procedures, development of reporting, arrangement of travel requirements and arrangement of all worldwide meetings. During this period Nathalie was also responsible for setting up the European Corporate Office in Amsterdam. After September 2001, Nathalie was appointed as C.O.O. for Muxum Datacommunications and assisted the C.E.O in all activities (1 year assignment).

After this assignment Nathalie started her position with the Dutch transportation company EVO based in the Netherlands, where she was the Coordinator of events. Nathalie was directly (target) responsible for the business unit Events and was able to expand it to a majorly profitable business. This entailed the realization and organisation of fairs, master classes, workshops, seminars, congresses and informational

events, professionalization of all events, good representation at all events, full coordination and organisation on the day itself, start up of the hostess program and management thereof.

Languages: Dutch (mother tongue), English (Fluent), German, French (Verbal)

E-mail: nathalie.bovenberg@iwahq.org

Tel.: +31 703 150 793

Mobile: + 31 652 684 623

Lieke van Hoven, Administrative Support Officer



Lieke joined the staff at IWA's Den Haag office at the beginning of May.

Her role is to provide administrative support to the Programmes and Global Development Solutions teams; working on a portfolio of IWA projects, in particular

World Water Monitoring Day and the World Water Congress.

Prior to starting at IWA, Lieke worked in a Consultant's office for two years as an Office Assistant, supporting a range of administrative and project related duties.

Lieke is also in her second year of a part-course studying for a degree in Communications at the University of Den Haag.

Languages: Dutch, English and German

E-mail: Lieke.vanhoven@iwahq.org

Tel: +31 703 150 792

Mobile: +31 623966156

World Water Forum 5

IWA is a session convener under topic 1.1 at the World Water Forum 5 under the theme of climate change and adaptation. The proposed session title is: "Climate change and adaptation: Think beyond the water box". The main question for this session is: What are the response options (i.e., hard and soft methods and costs) to adapt to climate change? What measures should be designed so that both water utilities and water users receive appropriate incentives for water savings? How do we protect ecosystem services? What role can desalination play in securing water supplies in areas that are dry and becoming dryer? A call for contributions will be sent out to key stakeholders shortly. The format of the session is meant to be interactive and visual. If you would like to take part in this session please contact Ase Johannessen at ase.johannessen@iwahq.org

IWA supporting UN conventions ratification

An IWA reference paper on river basin management and transboundary cooperation is under development. The specialist group on river basin management has put together an outline with the main messages for such a reference paper, and the next steps will be to get the involvement and endorsement from the IWA Strategic Council to continue developing the paper with the specialist group. The paper will be able to support the ratification and implementation process of the relevant UN international instruments for this topic, for example the UN Convention on the Law of the Non-Navigational Uses of International Watercourses. The importance of ratifying these conventions are highlighted by the need for transboundary cooperation speeded up by climate change impacts on the hydrological cycle. For more information, please contact ase.johannessen@iwahq.org



SIWI and IWA cooperation builds stronger links

For many years, the Stockholm International Water Institute (SIWI) and the International Water Association (IWA) have enjoyed a valuable and productive working relationship. Each organisation has played to its respective strengths – SIWI with its well developed policy dialogue and debate, and IWA through its intensely technical forums. Independently of each other, they have each had significant impact on their respective audiences.

In recognizing the linkages and cross-fertilization between policy and practice, SIWI and IWA are formalizing their working practices and renewing their partnership agreement. This will enable greater policy debate to filter through and into the IWA constituencies, and wider

technical input to be drawn into the World Water Week.

Cooperation between SIWI and IWA will be accomplished through a mix of activities and means, but mainly focused on three areas: reciprocal arrangements at the flagship events of the World Water Week and World Water Congress; through stronger programmatic cooperation on common work themes; and via greater concerted effort on communications and advocacy to the sector.

“SIWI is a highly credible and authoritative organisation which has developed its niche as the leading policy forum in the water and sanitation sector”, said Paul Reiter, IWA

Executive Director. “In bringing SIWI and IWA closer together, our members, other parties and the sector as a whole will gain tremendously from stronger linkages between policy and practice dialogues”, Reiter continued. “

Both organisations are committed to demonstrating the change that working together can bring. The first example of this will be the policy dialogue organized by SIWI that will take place during the IWA World Water Congress, scheduled for 7-11 September, 2008 in Vienna, Austria.

Further details of SIWI-IWA agreement can be found by contacting Darren Saywell, darren.saywell@iwahq.org

IWA Contribute to World Bank Course for Egyptian Water Sector

IWA was recently invited to participate in a Capacity Building course for the Water Sector in Egypt organized by the World Bank. Taking in place in Cairo, June 9-12, the course focused on asset management, risk management, business planning and regulation. IWA's contribution was to the risk management component of the course, providing a conceptual overview of risk management for water utilities, with a focus on drinking water quality and the role of Water Safety Plans (WSPs). Representatives from the Egyptian Water Regulatory Authority (EWRA), training institutes, water utilities and other stakeholders discussed the potential application of WSPs in Egypt.

As part of an immediate response, participants agreed to:

- Develop action plans for the preparation of WSPs
- IWA will assist and support at least two utilities to pilot WSP implementation
- IWA will participate in a follow-up workshop in 6-month time

2nd Global WSP Conference is a Success

Over 200 participants attended the recent WSP: Global Experiences and Future Trends conference in Lisbon, Portugal May 12-14. The conference was co-organised by IWA and the Portuguese Water Association (APESB) and was co-sponsored by the World Health Organisation (WHO).

Over 40 presentations covered research, practice and policy issues as they relate to the implementation of WSPs from across the globe, exploring barriers, opportunities and prospects for scaling-up the implementation of WSPs. This conference series forms an important component of IWA and WHO's joint area of work for improving the global safety of drinking water supplies. The next conference in this series will take place in 2010, with Brazil being the likely destination.

IWA and WHO Co-convene WSP Workshop in Stockholm

As part of Stockholm World Water Week, IWA and WHO will co-convene a workshop entitled: Water Safety Plans: A tool to improve health and increase prosperity. This workshop will aim to provide participants with an insight into how WSPs can play a pivotal role in improving health, especially in developing countries and the existing and required mechanisms to support this. The workshop will take place on Thursday August 21st, 9:00-12:00 in Event Room: K11.

Call for Assistance: Tools, Case Studies and Resources

As part of IWA's activities to support risk management for water utilities, specifically through the implementation of WSPs, we are looking for case studies, tools and resources which can be applied in a variety of circumstances to assist water utilities. If you

can provide any material, please contact Tom. Williams@iwahq.org with further information.

World Water Monitoring Day - promoting sanitation with the help of UN-Water and building partnership in West Africa and Asia

WWMD is helping communities to measure the quality of water, to raise awareness and create knowledge of the water quality.

International Year of Sanitation

WWMD's is this year promoting hand washing to celebrate the International Year of Sanitation with the help of a message from UN-Water: “Sanitation is a matter of life and death particularly in the worlds poorest countries where 2.6 billion people do not have somewhere safe, private or hygienic to go to the toilet. The simple act of washing hands with soap and water after going to the toilet can reduce diarrhoeal diseases by up to 45%.” Procter & Gamble is sponsoring the campaign and provided the soap to the water quality measurement kits.

The World Wildlife Fund in West African Marine Ecoregion (WWF WAMER) has joined WWMD as a new partner. WWF WAMER has included WWMD in its environmental education program, where it is promoting the WWMD to schools, in West-Africa, starting with Senegal in 2008.

2008 year of sanitation update

As mentioned previously in earlier Member Newsletters, IWA supports the International Year of Sanitation in a variety of ways. Recent developments on this theme have included:

- World Water Monitoring Day: this jointly developed water quality programme, led by the Water Environment Federation and IWA, has adopted a Year of Sanitation theme around safe handwashing practices as the first of its annual subject themes. The 'Wash your hands, save a life' campaign includes a series of facts about the importance of safe handwashing practices, and, for school and youth groups in particular, some guidance on critical times and methods for safe handwashing
- Sanitation Charter: following on from the successful completion of phase 1 of the Sanitation 21 task force (which focused on technology options and planning approaches in urban developing countries), the task force has been working on the development of a Charter of good sanitation programming principles, which the Association will encourage groups and organisations to adopt, adapt and subscribe to in the course of their work and practice. The Charter will



be formally launched during the Vienna Congress in September.

- Sanitation lexicon: in conjunction with the World Health Organization, IWA has been developing a lexicon of common terms related to sanitation through an open Wikipedia style website (www.sanlexicon.net). The Sanlexicon, although a distinctly branded and independently updated initiative, will in the short term support the development of WHO's The Lexicon, focused on terminology relevant to all aspects of environmental health.
- Sanitation Connection: in partnership with the IWA Young Water Professionals, the on-line resource base of documents and linkages, Sanitation Connection (www.sanicon.net) is being updated by a team of YWP's, organized into teams according to the content needs of the website. The first round of content for the site has

been delivered and upgraded; shortly, the navigation of the site and its functionality will be addressed.

- Sanitation events: whilst maintaining a healthy diversity of sanitation related events throughout the 2008 calendar, some events stand out as particularly notable for the Association, including: Sanitation Options in East Asia & Pacific (Vietnam, November 2008), the Aquatech workshops focused on the Millennium Development Goals (November 2008) and the series of events planned on sanitation at the World Water Week, Stockholm and the World Water Congress, Vienna.

A dedicated page on these and other aspects of the Association's work on the Year of Sanitation can be found at: http://www.iwahq.org/templates/ld_templates/layout_633184.aspx?ObjectId=671601

Joint work plan with World Health Organization

IWA and the World Health Organization (in particular the department focusing on water, sanitation and hygiene) have enjoyed a long established relationship of mutual cooperation, dating back to IWA member participation in WHO's normative guidelines on drinking water, wastewater, etc.

As part of the continued development of the relationship between these two organisations, IWA staff meet regularly with their WHO counterparts to plan, manage and evaluate a joint work programme covering subject areas of mutual interest. The format and focus of the current work plan dates back to 2005, and was recently updated in May 2008 to cover the next two year period.

The recent meeting of staff focused around a strategic review, built on a sound gap analysis and future gap prospecting on a series of

priority subjects. Throughout the development of this relationship, the joint plan of work has reflected the comparative advantages of both organisations: for WHO its role as a specialized agency for health of the United Nations; for IWA, its place as the premier international professional association dealing with all aspects of water management.

Linkages between the two organisations clearly exist; and these are expressed in the following strategic areas of interest:

- Knowledge development and networking (e.g., the Operation & Maintenance network)
- Publications (e.g., the Journal of Water & Health, published in cooperation with WHO)
- Issue specific cooperation through specialist groups and taskforces (e.g., miscellaneous WHO interaction in specialist groups and

dedicated focus on the Water & Health Task Force)

- HQ - HQ cooperation (e.g., the Water Safety Plans: Impact at Scale programme)
- IWA Congresses (where WHO has been a long standing partner and supported content development of tracks and workshops)

Results of the cooperation between WHO and IWA are regularly mentioned in Member Newsletters and/or Water 21 under the specific subject headings in which they occur. However, in the near future, the two organisations will seek to speak more directly about the nature of this collaboration and the impact that it has delivered, as a way of profiling the value of the relationship. For further information on the details of the work plan, please contact Darren Saywell at darren.saywell@iwahq.org

2008 IWA PROJECT INNOVATION AWARDS FOR EAST ASIA & PACIFIC

Successful Conclusion of the Regional Awards with Awards Ceremony held during Singapore International Water Week

The 2008 IWA Project Innovation Awards Ceremony for the East Asia & Pacific region was held successfully on 26 June 2008 in Singapore. Organized as a luncheon during the Singapore International Water Week, the event witnessed a gathering of more than 150 participants from international consulting firms, regional water utilities, ASPIRE country representatives, media, invited guests and award participants to celebrate the very best projects in engineering and innovation in the region.

The ceremony started off with a welcome address by IWA President Dr David Garman followed by an introduction to the Project Innovation Awards by Malcolm Pirnie President and CEO Mr Bill Dee. Over the course of lunch, the winners of the five award categories were then presented with their trophies or plaques. As a special tribute to the winners, all winners had their posters displayed along the aisle of the hallway with video montages of their entries projected on the screen during the award presentation segment. Once the ceremony formalities were over, participants took the opportunity to mingle, exchange greetings and congratulatory messages, renew acquaintances with old friends and colleagues, and establish new friendships.

All in, the ceremony was a simple and elegant affair which brought to a successful close the regional awards for the East Asia and Pacific region.

The nine winning entries will now be advanced to the global awards competition where they will compete against the regional winners from the North America and Europe regional heats. The winner of the global awards will be announced at the IWA World Congress and Exhibition in Vienna on 10 September 2008 at the Project Innovation Awards Dinner.

Project Innovation Award Winners for East Asia & Pacific:

Applied Research Project

- Winner – Model Based Management for Hydrogen Sulfide in Sewers (Gold Coast Water - Australia)
- Honor Award - A Novel Iron Coated Sponge Adsorption System to Remove Arsenic From Drinking Water (University of Technology, Sydney - Australia)
- Honor Award - TiO₂ Nanostructured Microsphere for Membrane Fouling Control and Improving Water Quality A Pilot Plant Start-Up at Choa Chu Kang Waterworks Singapore (Nanyang Technological University; Stanford University; PUB – Singapore)

Design Project

- Winner - 12 Sewage Treatment Plants B.T.O project Yong-in City (Yongin Clean Water Co. Ltd – Korea)
- Honor Award - Southern Regional Water Pipeline Alliance (Southern Regional Water Pipeline Alliance – Australia)
- Honor Award - Bundamba Advanced Water Treatment Plant Stage 1A (Western Corridor Recycled Water Pty Ltd – Australia)

Operations/Management Project

- Winner - The Belverley Park Water Reclamation Plant Project (Kogarah Council – Australia)

Planning Project

- Winner - Deep Tunnel Sewerage System (PUB – Singapore)

Small Project

- Winner - Ceramic Water Filters in Cambodia: a Sustainable Solution for Rural Drinking Water Treatment (UNICEF & WSP – Cambodia)



Winners of Operations/Management Project



Winner of Small Project



Winners of Applied Research Project



Winner of Design Project



Bill Dee, President & CEO of Malcolm Pirnie presenting the awards



Winner of Planning Project



David Garman, IWA President

See who's made a splash.

The 2008 IWA Project Innovation Awards

Recognising excellence and innovation in water engineering projects throughout the world

Key Features

- Rewards excellence and innovation in project conception and results
- Applauds outstanding teamwork collaboration
- Builds on national awards programmes creating a set of regional and global awards
- Judged by a highly distinguished industry leading panel

Award Categories

- Small Applied Research Projects
- Planning Projects
- Design Projects
- Operations/Management
- Small Projects

Global Awards Ceremony

IWA World Water Congress
10th September 2008
Palais Ferstl, Vienna
(www.iwa2008vienna.org)

In addition, regional award ceremonies will take place in North America (run by AAEE), Europe, East Asia and Pacific.

For more information, please visit us at www.iwahq.org



International
Water Association

Official sponsors of the 2008 Project Innovation Awards



IWA Specialist Groups

Specialist Groups form the basis of IWA and are important vehicles for all "water people" interested in interactions on scientific, technical and management topics throughout the world. The Groups, formed as coalitions of individuals around subjects of common interest, provide a sound structure of networks for international specialists to share knowledge, information, skills, and make good professional and business contacts.

For a full list of IWA's specialist groups and their activities view the IWA website http://www.iwahq.org/templates/ld_templates/layout_633184.

http://www.iwahq.org/templates/ld_templates/layout_633184.aspx?ObjectId=633829. To take advantage of this networking opportunity, and become a member of any specialist group (or change your group membership) simply contact the IWA membership department (members@iwahq.org) and tell us which groups you would like to join.

This issue of the newsletter features the activities of 3 groups active in the research and practice of:

- Hydroinformatics
- Water and Wastewater Technologies in Ancient Civilisations
- Winery Wastes Management

Hydroinformatics

Hydroinformatics is not just an application of Information and Communications Technologies (ICT) to water resources, hydraulics or hydrology. The best analogy with which to explain the relationship between ICT and Hydroinformatics is probably the relationship between telecommunication networks (which can be, and on the trivial level most often are, applied to telephone conversations) and added value networks, such as those providing access to WWW servers. The former are only a low cost material support to the latter. Hydroinformatics provides a symbiosis, and even a synergy, between ICT and water science and technologies with the objective of satisfying social requirements.

This is a joint group with IAHR and IAHS and is concerned with the application of information technology in the widest sense to problems of the aquatic environment. The joint group has its own journal (Journal of Hydroinformatics) and holds a conference every two years.

For more information about this Specialist Group, please go to the group's web-page at the link below:

http://www.iwahq.org/templates/ld_templates/layout_633184.aspx?ObjectId=633849

Main contacts for the group:

Chair: Dr Vladan Babovic, Singapore

Secretary: Dr Shie-Yui Liong, Singapore

Winery Wastes Management

The IWA Specialist Group on Winery Wastes Management covers all issues related to achieving the correct treatment and management of solid and liquid wastes generated during winery activities. The focus of the group will be on the development and application of appropriate treatment technologies, correct use of aquatic and land resources, and reuse and recycle of water, nutrients and energy.

Reducing environmental impact Winery activities



offers several challenges and opportunities, related with very special characteristics of this agro-industrial activity. Some of these are highly seasonal activities, big opportunities for water and nutrients re-use, between others.

The main objectives of the group are as follows:

1. To establish IWA as an international focal point and promote the views of water professionals on winery wastes management.
2. To promote the development and application of new treatment technologies in winery production processes.
3. To promote communication between professionals involved in winery waste management

For more information about this group please go to the web-page at the link below:

http://www.iwahq.org/templates/ld_templates/layout_633184.aspx?ObjectId=653146

Main Contacts for the group:

Chairman: René Moletta : Savoie University France, e mail Rene.Moletta@univ-savoie.fr

Vice chair: Rolando Chamy :Catholic university of Valparaiso Chili, e mail rchamy@ucv.cl

Secretary: Joel Rochard, ITV France, e mail joel.rochard@itvfrance.com

Water and Wastewater Technologies in Ancient Civilisations

During the 1st IWA International Symposium

on Water and Wastewater in Ancient Civilizations, which was held in Iraklio, Greece, 28-30/10/06, the establishment of a Specialist Group on Water and Wastewater in Ancient Civilizations, within the frame of IWA has been decided. The aims of the SG are:

- (a) To reveal the cultural heritage in several regions of the world and to make visible the archaeological remnants of technologies which have contributed to the development of the existing technologies in water and wastewater management.
- (b) To describe and evaluate the old technologies, which in the long term may contribute to water and wastewater management systems and to the development of integrated methodologies.
- (c) To develop small systems based on old technologies using new equipment, which may be of great significance for water, wastewater and environmental management in the future. During the establishment of the IWA Specialist Group on Water and Wastewater in Ancient Civilizations, the President of International Water History Association (IWAH), Prof. F. Hassan and member of the Specialized Group were in favour to open a dialogue for harmonize the work of the two Associations on water and wastewater technologies in ancient civilizations. This task should be undertaken by IWA. The organisation of a 2nd IWA Symposium in Italy, late 2008 or early 2009 was proposed.

The Water and Wastewater in Ancient Civilizations Group amount 180 members from 23 countries, mainly from Greece, Belgium, Canada, Germany, Iran, Italy, Spain, Uk, and USA.

A new edition of the group newsletter is now available online, along with further information about the group. Please go to the IWA website at the link below:

http://www.iwahq.org/templates/ld_templates/layout_633184.aspx?ObjectId=656404

Main Contact for the group:

1) Dr. Andreas Angelakis, Chairperson, AG.RE.F., Institute of Iraklion

34 Kastorias str., P.O. Box 2229, 71307 Iraklio, Greece. E-mail: angelak2@otenet.gr

2) Dr. Pietro Laureano, Deputy Chairperson, IPOGEA, Vico Conservatorio s.n., 75100 Matera, Italy. E-mail: ipogea@ipogea.org

3) Dr. Renato Drusiani, Deputy Chairperson, derutility, Rome, Italy, Feder Utility, Via Cavour, 179/a - 00184 Rome (Italy). E-mail: acqua@federutility.it

4) Prof. Miquel Salgot, Secretary, Unitat d'Edafologia, Facultat de Farmàcia, Univ. of Barcelona, Joan XXIII s/n, 08028 Barcelona, Spain. E-mail: salgot@ub.edu

IWA REGIONAL UPDATE FROM ASPIRE

Leadership Change in IWA Hong Kong National Committee

There has been a change in the leadership of the IWA Hong Kong National Committee, following a reshuffling of key appointment holders in the Hong Kong Water Supplies Department and Drainage Services Department in March 2008. Mr L T MA (Director, Water



Supplies Department) and Mr K K LAU (Director, Drainage Services Department) will now assume the position of Chair and Vice-Chair of the

IWA Hong Kong National Committee. Lets us welcome both of them to the IWA family and we look forward to greater participation and engagement by Hong Kong in IWA programmes under their leadership.



Mr Ma Lee-tak, JP (Director of Water Supplies, IWAHK Chairman)



Mr Peter Lau Ka-keung, JP (Director of Drainage Services Department, IWAHK Vice Chair)

Aged 54. Mr Ma joined the Government in August 1979 as an Assistant Engineer. He was promoted to Chief Engineer in January 1996, to Government Engineer in November 2000 and to Principal Government Engineer in October 2004. He was the Project Manager (Hong Kong Island and Islands) in the Civil Engineering and Development Department before taking up the present post.

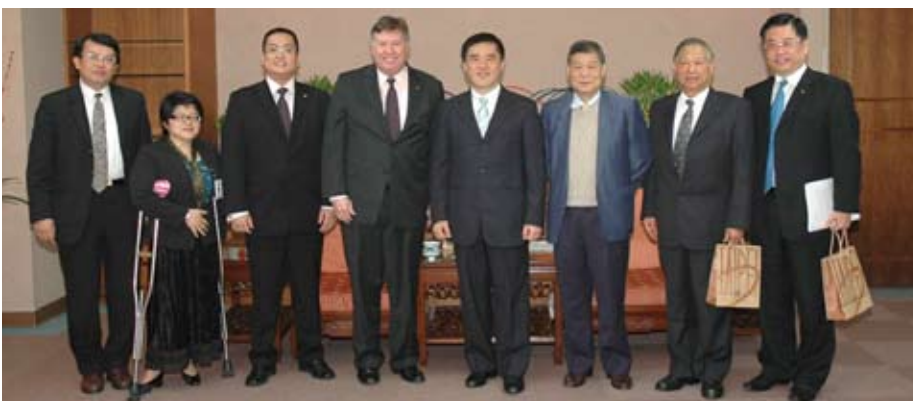
Aged 51. Mr Lau joined the Government in August 1980 as an Assistant Engineer. He was promoted to Chief Engineer in July 1996, to Government Engineer in January 2001 and to Principal Government Engineer in September 2004. He was the Deputy Commissioner for Transport/Planning and Technical Services in the Transport Department before taking up the present post.

Preparations for ASPIRE 2009 in Taipei underway!

The 3rd IWA-ASPIRE Conference and Exhibition will be held in Taipei, Taiwan 18-22 October 2009 and preparations are already in full swing towards making this event THE water event for the ASPIRE region in 2009. IWA Executive Director Paul Reiter and IWA Singapore Regional Director Ryan Yuen paid a special trip to Taipei in end-March to understand

and discuss about the ongoing preparations for the conference and exhibition, and to meet up with the key Taiwan government and industry leaders. It was to be a hectic but extremely fruitful visit with many positive outcomes. Among many other substantive issues, one topic that was discussed was how to leverage on the Taiwan-China proximity and relations to increase China participation in the conference and to bring China into the ASPIRE family. It was heartening to note the strong support received by the organizing committee so far - externally

from the ASPIRE countries and internally from the Taiwan water industry and academia community, the Taiwan federal government and the City of Taipei. One of the key highlights of the trip was a meeting with the Mayor of Taipei City Government Mr Hau Lung-Bin where the Mayor promised the full support of the City Government towards the organisation of the Conference. All these augurs well as the organizing committee ramps up its preparations in the coming months. Do keep a lookout for the Announcement for Call for Papers!



Group photo with the Mayor of Taipei City Government



Dinner hosted by the Chinese Taiwan Water Works Association

Membership News

Individual Members Survey

In order to continue to meet the needs of our members, it is vital for us to receive feedback on your interests and views. The Individual Members Survey is your chance to voice your opinion about the way in which IWA communicates with you. Based on what you tell us, we will be able to improve the services we deliver. The survey should only take 15-20 minutes to complete and is due to be published on our website towards the end of July. Further details to follow...

IWA members appointed to UN task forces

As a partner to UN Water, the coordinating body within the UN system for water & sanitation issues, IWA has been invited to provide representation to the UN Water Task Forces on 1) Indicators-monitoring-reporting 2) Climate change and 3) Transboundary waters.

IWA has taken this opportunity to contribute to international processes and relationship building by utilizing the strength that the IWA membership of expertise provides. IWA would like to thank all the representatives for their time and effort that they voluntarily offer.

IWA will provide support to the task force members for attending meetings.

** The UN Water Task Force on Indicators, monitoring and reporting (2 representatives): Helena Alegre, Head of the Urban Water Division at Laboratório Nacional de Engenharia Civil and Enrique Cabrera Roquera, Professor at Instituto Tecnológico del Agua - Universidad Politécnica de Valencia have accepted to represent IWA on the task force on Indicators-monitoring-reporting. Enrique says: "I see it as a great opportunity to achieve further harmonisation between the many initiatives which are currently being undertaken worldwide on performance assessment."

** The UN Water Task Force on Climate: Henk van Schaik, Programme Co-ordinator of the Co-operative Programme on Water and Climate (CPWC) has accepted to represent IWA on the UN task force for climate change. Henk is also the IWA vice Chair of the specialist group on climate. Henk is one of the great authorities in his field and the thematic coordinator for the upcoming World Water Forum on global changes and risk management. IWA is honoured to have Henk representing and driving much of the climate activities within IWA together with its very active specialist group.

**The UN Water Task Force on Transboundary Waters is supported by the IWA member Peter Literathy, who is the senior environmental advisor to the Kuwait government. Peter is a member of the IWA specialist group on river basin management and has already extensive involvement as an active participant in the UNECE led transboundary discussions.

New Corporate Members Update

The following list of organisations provides an overview of the type and geographic reach of companies that have recently joined IWA.

● Global Water Research Coalition (the Netherlands)

www.globalwaterresearchcoalition.net

Twelve world leading research organisations have established an international water research alliance: the Global Water Research Coalition (GWRC). GWRC is a non-profit organisation that serves as the collaborative mechanism for water research. The product the GWRC offers its members is water research information and knowledge. The GWRC does not compete with the member organisations. Each of the member organisations still focus on national and regional water research issues. The Coalition focuses on water supply and wastewater issues and renewable water resources: the urban water cycle. The GWRC function is to leverage funding and expertise among the participating research organisations, coordinate research strategies, secure additional funding not available to single country research foundations, and actively manage a centralised approach to global issues.

● S.C Aquaserv TULCEA (Romania)

www.aquaserv.ro

S.C. Compania Aquaserv S.A. is a public drinking water supply and sewerage services company in Romania. Aquaserv ensures the drinking water supply and sewerage services for approximately 245,000 inhabitants, among its customers being 3,300 trade companies and public institutions, as well as four rural area distributors. Aquaserv Tulcea operates in one of these regions.

● Shafab Engineering (Iran)

www.shafab.com

Shafab Engineering are involved in the installation & start-up of water & waste water treatment plants as well as the production of Chlorine Cylinders in various capacities according to international standards which have been exported to many countries in the Middle East region and Africa over the years. The Engineering services include basic designs and all detail designs of the projects and all documentation care performed regarding latest international standards. SHAFAB engineers have close contact with sites to have supervision on proper installation and performance of plants.

● ID Water Technologist (Pakistan)

www.id-watertechnologist.com

Industrial and Domestic (ID) Water Technologist has a rich history in the industrial water treatment and bottled water industries. It is Pakistan's Commercial Environmental laboratory dedicated solely to the testing and research of water. Their objective is to provide accurate, precise and authentic water analysis. I-D offers state-of-the-art lab facilities, run by trained, qualified personnel, with relevant experience in water related issues. All tests methods are certified, and are in accordance to WHO/ASTM/PSI standards. I-D have striven to become a resource center for water issues in our area and offer free consultancy and advice in Biological, Physical and Chemical parameters of water.

All I-D's lab workers are involved in continued education and research in order to maintain quality control. All work is supervised and documented in order to support their mission to make safe water an achievable goal, not just for the privileged few, but for everyone.

Making the most of IWA

The IWA programme on Disaster response

IWA is continuing its work in disaster response, with a focus on developing countries - to increase the capacity of people and systems to be operational again after major disasters. Linkages and synergies will be made with the existing IWA work on water safety plans. The programme will be presented in Vienna on Thursday 11 Sep during the workshop "Proactive crisis management of urban water infrastructure" and a round table is planned (the day before) to outline further activities with key IWA members.

IWA will also redevelop its website to become a mechanism for IWA members to offer their expertise as well as for organisations to be able to find expertise that can be readily deployed in the field. We welcome the member suggestions for this initiative. If you want to get involved in this initiative as part of a task group member or advisor, or have any further comments, please contact Ase Johannessen at ase.johannessen@iwaHQ.org



World Water Congress
and Exhibition

It's all about water

7-12 September 2008

VIENNA



Enquiries

Conference 2008vienna@iwahq.org.uk +44 20 7654 5500
Exhibition roy.agterbos@iwa-exhibitions.com +31 23 7505105

www.iwa2008vienna.org

Danube Island Festival to coincide with Vienna Congress

If you love music and culture you are going to love the IWA Vienna World Water Congress from Sunday 7 to Friday 12 September.

You might want to consider arriving early so that you can go to the Danube Island Festival on the weekend beforehand. With a million visitors per day, this is Europe's biggest open-air festival. It starts on the Friday immediately before the congress and goes all weekend, with more than 300 bands and events on 20 stages to choose from. These range from Viennese traditional music to jazz, hard rock, techno, hip hop, DJ's and cabaret groups. Entrance is free.

IWA has arranged two special musical and cultural events as part of the congress social programme — a private concert given by Vienna Symphony Orchestra at the famous Musikverein hall and a gala 'night of nights' in the rooms and courtyard of Vienna City Hall that will feature cuisine from different parts of the Danube region and music and dancing that ranges from the classical Viennese waltz to midnight clubbing.

On the business and technical side, the congress will give you an unparalleled chance to experience the very best of water science, research, practice and management. The programme will cover the critical issues of our

time, ranging from climate change, explosive population growth, a global sanitation crisis and urbanisation to emerging breakthroughs in biotechnology and the leading-edge of applied research and technology.

The congress programme will be complemented by the exhibition, which will showcase the latest technologies from around the world and the Danube region and include a number of national pavilions.

The week of activities will culminate on the Friday with tours to Kaiserbrunn, the source of Vienna's unique water supply system, and to Vienna's main wastewater treatment plant.

Once you have decided the dates that you will be in Vienna it is a good idea to book your accommodation and travel as soon as possible. Whilst the timing is perfect for delegates and their accompanying persons who want to attend both events, the fact is that millions of people will be visiting Vienna at the same time and accommodation could be scarce.

You can book your registration and accommodation online please see www.iwa2008vienna.org.



IWA Events 2008

15th Health Related Water Microbiology Symposium 31 May - 5 June 2009, Naxos, Greece

On behalf of the Organizing Committee of the 15th International Symposium on Health-Related Water Microbiology, we are delighted to invite you to Naxos, Greece between May 30 and June 5, 2009. This is a part of the series of international symposia organized biennially by the IWA Study Group on Health-Related Water Microbiology. The Symposium will cover all aspects of infectious disease via water. It will also focus on recreational water.

Experts from various fields are welcome, including:

- Environmental and clinical virology, bacteriology and parasitology
- Infectious diseases and epidemiology
- Risk assessment
- Water treatment engineering and environmental health practice

The proposed themes

- Microbial Risk Assessment
- Health and Epidemiological studies.
- Innovative Methods
- Alternative and New Indicators
- Drinking water safety
- Recreational Waters
- Pathogens in water, Bacteria, Parasites and Viruses
- Transport and Fate of Pathogens

The Organising Committee invite you to Naxos and hope that you enjoy the research discussions.

Email: info@watermicro2009.gr

Website: www.watermicro2009.gr

5th IWA specialised membrane technology conference for water & wastewater treatment 1-3 September 2009, Beijing, China

The availability of potable water is becoming critical, and threatening our daily lives, the environment, and even potentially the national security in many regions. Several factors are responsible for the current critical situation: population growth, economic development, and the resulting water contamination.

Global concerns on the limited supply of fresh water are increasing exponentially, particularly in the arid and semi-arid regions. Faced with our huge global population explosion, decades of largely uncontrolled socio-economic development, and the limited available water reserves (much lower than the world average) the water crisis that China is now facing is very serious, and calls for immediate attention and action.

The need for solving these water problems has motivated research and development in the field of membrane technology. Over the past few decades many innovative membrane processes have been created that are now providing new methods for drinking water production, desalination, wastewater treatment and reuse, among others. Today membrane technology is well recognised as an alternative to conventional water treatment.

This biennial conference is the flag event of the membrane technology group of IWA. Along the axis "disadvantage – benefit" the cursor is moving every day in favour of membrane technology thanks to the huge efforts of research

and development which are being made all over the world. As water appears more and more as a critical issue for this century simultaneously membrane technology appears more and more as a suitable solution.

The proposed themes

- Novel membrane materials and configurations
- Drinking water Treatment
- Domestic and industrial wastewater treatment and reuse
- Desalination
- Hybrid membrane processes
- Process modelling and simulation in membrane separation
- Membrane fouling mechanisms and control
- Case studies: membrane processes for drinking water and wastewater treatment

Email: iwamtc2009@mail.tsinghua.edu.cn

Website: www.iwa-mtc2009.org

DEADLINES

30 September 2008 for submission of abstracts to 5th International Specialised Conference on Sustainable Viticulture: Winery Waste and Ecological Impacts Management (1-3 April 2009, Trento and Verona, Italy)
Contact: winery2009@gmail.com

15 August 2008 for submission of full papers to Chemical Industries 2008 (9-11 November 2008, Beijing, China)
Contact: iwa@rcees.ac.cn

New Commissioning Editor for IWAP publications

We are pleased to introduce Maggie Smith who has joined us as the new Commissioning Editor for IWAP publications.

Maggie has nearly 30 years experience in the publishing industry and for the last 8 years has been an Editor for Elsevier Science working on the Butterworth-Heinemann list.

She joined IWAP on June 16th and is keen to hear from you about your writing plans or ideas for new books.

Please feel free to contact her on msmith@iwap.co.uk or phone on +44 (0) 118 947 0870.



News from IWA Publishing – www.iwapublishing.com

We are delighted to bring you news of FOUR NEW BOOKS from IWA Publishing:

Effective Cross-Border Monitoring Systems for Waterborne Microbial Pathogens A Plan for Action



Editors: Joan Rose and Erin Dreelin

International borders and cross-boundary issues complicate water resource management. Waterborne pathogens transcend political boundaries and challenge the use of traditional political jurisdictions in meeting public policy objectives to protect human health. Disease outbreaks caused by waterborne pathogens continue to occur, even in the developed world. The Laurentian Great Lakes offers a model system for exploring these issues. It provides a real-world analysis of how to quantify and prioritize water-based microbial threats to human health, how to design data collection systems that truly support management decisions, and how to build a comprehensive monitoring program when dealing with cross-boundary issues.

It will be a valuable reference source for researchers and graduate students working in environmental science, microbiology, engineering, and biological sciences, as well as all those concerned with water quality monitoring programs.

ISBN: 9781843391692 · May 2008 · 200 pages · Hardback

IWA Members Price: £ 60.00 / US\$ 120.00 / €90.00

<http://www.iwapublishing.com/template.cfm?name=isbn1843391694>

Water Reuse

An International Survey of current practice, issues and needs



Editors: Blanca Jimenez and Takashi Asano

Water Reuse: An International Survey of current practice, issues and needs examines water reuse practices around the world from different perspectives. The objective is to show how differently wastewater reuse is conceived and practised around the world as well as to present the varied needs and possibilities for reusing wastewater. In the first section water reuse practices around the world are described for regions having common water availability, reuse needs and social aspects. The second section refers to the “stakeholders” point of view. The third section deals with emerging and controversial topics. Ethical and economical dilemmas in the field are presented as a subject not frequently addressed in this field. The fourth section of the book presents contrasting case studies; typical situations in the developed world are compared to those in developing countries for agricultural and industrial reuse.

This book will be an invaluable information source for all those concerned with water reuse including water utility managers, wastewater policy makers and water resources planners as well as researchers and students in environmental engineering, water resources planning and sanitary engineering.

Scientific and Technical Report No. 20

ISBN: 9781843390893 · May 2008 · 648 pages · Paperback

IWA Members price: £ 93.75 / US\$ 187.50 / €140.63

<http://www.iwapublishing.com/template.cfm?name=isbn1843390892>

The Adaptiveness of IWRM Analysing European IWRM research



Authors: Jos G. Timmerman, Claudia Pahl-Wostl, Jorn Moltgen

The Adaptiveness of IWRM provides new insights and knowledge on the challenges and solutions that current water management faces in a situation of complexity and uncertainty. Drawing on the available results from a wide range of European research projects under several framework programmes, the book provides an overview of the state of the art in European research on Integrated Water Resources Management on the topics of Participation, Transboundary regimes, Economics, Vulnerability, Climate change, Advanced monitoring, Spatial planning, and the Social dimensions of water management. The book presents the achievements of European IWRM research on a range of water management topics and offers conclusions and recommendations for research foci that will be invaluable to water managers, policy-makers and academic researchers working in the field of IWRM.

This title belongs to the European Water Research Series

ISBN: 9781843391722 · April 2008 · 172 pages · Paperback

IWA Members price: £ 52.50 / US\$ 105.00 / €78.75

<http://www.iwapublishing.com/template.cfm?name=isbn1843391724>

Decentralised Water and Wastewater Systems WEMS 13

Editors: Kuruvilla Mathew, Stewart Dallas, Goen Ho



The World Health Organization estimates that globally one billion people are without access to safe water and two billion people without adequate sanitation. The health consequence of such a situation is very serious and demands urgent appropriate action. The International Conference on Decentralised Water and Wastewater Systems held in Fremantle, Western Australia in July 2006 promoted decentralised systems as a means of solving this problem. The papers selected for inclusion in WEMS 13: Decentralised Water and Wastewater Systems promote the concept of decentralised systems, focusing on the design, operation, maintenance and management of small water and wastewater treatment plants and the uptake of decentralized systems. This book will be a valuable resource to industry practitioners, consultants and academics.

This title belongs to the Water and Environmental Management Series (WEMS)

ISBN: 9781843395157 · April 2008 · 252 pages · Paperback

IWA Members Price: £ 48.75 / US\$ 97.50 / €73.13

<http://www.iwapublishing.com/template.cfm?name=isbn9781843395157>

HOW TO ORDER

UK, Europe and Rest of World

Portland Customer Services, Commerce Way, Colchester CO2 8HP, UK

Tel: +44 (0)1206 796 351 Fax: +44 (0)1206 799 331

Email: sales@portland-services.com

North America

BookMasters, Inc., P.O. Box 388, Ashland, OH 44805, USA.

Tel: +1 800 247-6553 (+1 419 281-1802 from Canada)

Fax: +1 419 281-6883 Email: order@bookmasters.com

Postage and packing: please add £3.50/US\$5/€5 per title up to a maximum of £14/US\$20/€20

Prices, Extents and Publication Dates correct at time of print and remain subject to change by IWA Publishing without prior notice.

International Water Association, Alliance House, 12 Caxton Street, London SW1H 0QS
Tel: +44 (0)20 7654 5500 Fax: +44 (0)20 7654 5555 E-mail: water@iwahq.org.uk www.iwahq.org

COMPANY LIMITED BY GUARANTEE. REGISTERED IN ENGLAND NO. 3597005. REGISTERED OFFICE AS ABOVE.
REGISTERED CHARITY (ENGLAND) NO. 1076690