Slate of Candidates

For President: 2 candidates for 1 position

Prof. Aronne Armanini

Professor of Hydraulics

Head of the Department, University of Trento, Italy

Professor Aronne Armanini has been a member of IAHR since 1985. He has been Chairman of Continuing Education and Training Section, elected Member of Council (1999-2001), and Member of the Steering Committee of the European Engineering Graduate School Environment Water. He is current Chair of the IAHR Europe Division in which role has been responsible to starting the IAHR Europe Congresses focussed on student needs.

He is Professor of Fluid Mechanics in the Faculty of Engineering of the University of Trento, Italy one of the top three Schools of Engineering in Italy over 15 years. In this University he has been Dean of the Faculty of Engineering and Member of the Board of Governors. He is a founder of CUDAM – Centre of Excellence on Hydrogeological Risks in Mountain Areas. He is external evaluator for various national and international universities and research institutions

His research interests are in granular flows, debris flows, river mechanics and river restoration. Aronne Armanini also practices as a consultant to private and public companies.

- IAHR has just celebrated it 75th birthday: this is a considerable age for a scientific association, but IAHR is an active and lively one. However, a strong policy, aimed at making the association more attractive to the younger generation of researchers and professionals, is necessary: the new President should work in this direction;
- The Technical Committees constitute our operating base: many of them do an excellent job, but the less active ones should be helped and supported, and this is also the task of the President and of the Council;
- Today, IAHR is more internationally widespread than in the past: this tendency of IAHR towards increasing internationalization should be reinforced, while respecting the autonomy of the Regional Divisions;
- The Council is the governing body of IAHR: it should operate as a team by involving all the members and distributing tasks among them, with a degree of transparency suited to the current society of communication;
- IAHR must open up to the new disciplinary frontiers of water and hydraulics, but without losing incisiveness in the foundations of our disciplines;
- The main task is to pursue the right policy towards the younger generation: I believe that our future may depend on our capacity to operate in two directions: maintain high scientific quality standards so as to be more attractive to young researchers; and be able to capture the large potential inflow into our disciplines of graduates who are less interested in research and more in the profession.

Prof. Roger Falconer

Halcrow Professor of Water Management

Director Hydro-environmental Research Centre

School of Engineering, Cardiff University, UK

I am honoured to have been selected by the Nominating Committee as a candidate for the post of President of IAHR. I have been heavily involved in IAHR since 1985 when, together with Professors Paul Novak and Peter Ackers, we first launched the UK Section. In 1987 I joined the Computational Hydraulics Committee and, together with Professor Mike Abbott, later founded the Journal of Hydroinformatics. In 1991 I was honoured to receive Ippen Award and was an elected and co-opted member of Council from 1999-2007. During this period I founded the Journal of River Basin Management, with the aim of broadening the appeal of IAHR. More recently I have been involved in initiating the Marine Renewable Energy group and the Global Water Security Task Group, as well as supporting Student Chapter initiatives.

Looking to the future, IAHR faces some formidable challenges and I believe the prime task of the President is to raise the profile of our Association on the Global stage. Over the next 20 years the world's population is going to increase from 6 to at least 8 billion, with the demand for water expected to increase by over 30%. The contributions that IAHR can make to global water security and the food-water-energy nexus are considerable and every division within IAHR has expertise to contribute to this enormous global challenge. If our association is to flourish in the next 20 years then we must link our research to big picture challenges, such as: global water security, flooding, the Millenium Development Goals, climate change and sea level rise etc. We also need to develop closer links with related associations, such as IWA and IAHS, and develop stronger ties with national water associations. We need to work with specialist consultants, research laboratories and government agencies to encourage them to join IAHR, and through electronic membership we should consider offering some potential 'client' organisations incentive membership in return for keynote presentations at congresses etc., thereby attracting more end-user involvement in our Association. If IAHR is to flourish in the form that we would all welcome then we are going to have to take some radical steps in the future; IAHR has a great future, but only if raising the Association's global visibility is right at the heart of our future strategy and I believe that the President's role is to encourage and lead such a strategy.

For more information on his biographical details go to
http://www.engin.cf.ac.uk/whoswho/profile.asp?RecordNo=19

Slate of Candidates

For Secretary- General:

Dr. Ramón M. Gutiérrez-Serret
Head of the Maritime Experimentation Laboratory
CEDEX- CEPYC
Ministry of Environment, Spain

Dr. Gutiérrez graduated in Civil Engineering from the Madrid Polytechnic University in 1978, and was awarded a doctorate from the same institution in 1994, achieving an Extraordinary Award for his thesis. From 1978 until 1998 he worked as an engineer in the Hydraulic Studies and Planning Department of the CEDEX "Centro de Estudios Hidrográficos", in Spain, occupying different posts including finally Head of Department. From 1998 until now he is the Director of the Maritime Experimentation Laboratory of the CEDEX "Centro de Estudios de Puertos y Costas".

I plan to engage in the following activities:
• To ensure a proper execution of collaboration between IAHR and CEDEX, acting as link between both institutions, especially for the development of the new agreement; • To facilitate appropriate staffing arrangements for the IAHR Secretariat operation; • To increase the number of members -corporate (especially) and individual- with special emphasis on: • Increasing specific agreements with national water and hydrotechnical associations • The participation of students, professional engineers and research workers who have recently graduated; • To increase the Association's involvement in practical issues and to encourage relations between practitioners and researchers in the fields of development and innovation, taking in account new challenges as: "climate change", "renewable energies" and "major hydraulic environmental issues". • To sustain the quality of publications, increasing their number, especially in the fields of applied hydraulics, by expanding the Hydraulic Structures Design Manual series, and improving Hydrolink and the on-line Newsflash World, Europe and Iberoamerica. • To instigate a greater development of the web-site, facilitating on-line services and a communication members platform; • To encourage the activities of the Regional Divisions, promoting the participation of some members of other Regional Divisions in the conferences and seminars of each Regional Division; • To encourage the setting up of national chapters in those countries that do not have their own national hydraulics associations and, in those countries where they do exist, to encourage them to establish a closer relationship with IAHR, when this is not the case.

For Vice-President Europe:

Prof. Jean-Paul Chabard
Professor at Ecole des Ponts ParisTech
Project Manager at EDF Research & Development, France

My contributions if re-elected as Vice-President: Mankind is facing three major challenges, strongly connected, in this century:
- Increase of the population,
- Climate change and global warming;
- Scarcity of raw materials.

Water is at the heart of them. Forecasts show we're heading towards tensions regarding water. The problem will be on quantity and quality. It is more than likely that we are going to face major water crisis during the 21st century. IAHR, as a scientific organization, has a role to play by helping awareness about these problems, and by promoting the best available technologies where they are requested.

If re-elected as IAHR Vice-President, my focus will be on the following:
- Promote innovation and new ideas through the IPD Division
- Define new strategic actions for IAHR facing a changing world
- Prepare the future of the present agreement with CEDEX
- Contribute to implement the new IAHR structure, to revitalize some sections and to launch some new ones
- increase the added value of IAHR for Corporate Members through the development of a problem oriented approach/organization, the publication of monographs by the sections (e.g. guidelines for quality and trust in numerical simulation, …), …
- develop the collaborations with sister scientific organizations at national or international level, promote the co-sponsorship of events
- promote involvement of students (through Student Chapters) and young professionals
- develop the IAHR website
- reinforce the financial structure of IAHR

For Vice-President APD:

Dr. Zhaoying Wang
Professor of Tsinghua University & Chairman of the Advisory Council of UNESCO International Research and Training Center on Erosion and Sedimentation, China

Dr. Zhaoyin Wang (1951, China) is professor of Tsinghua University and chairman of the advisory council of UNESCO International Research and Training center on Erosion and Sedimentation. His research interests include sediment transportation, river ecology and integrated river management. He has published and coauthored 288 papers in international journals and Chinese journals.

Dr. Wang was council member of IAHR, executive committee member of IAHR-APD, vice chairman of IAHR China Chapter and member of the IAHR fluvial hydraulics committee. He made contributions to IAHR through: 1) encouraged scientists and students to participate IAHR congresses and IAHR sponsored conferences; 2) organized IAHR conferences, such as, 8th IAHR Symposium on Stochastic Hydraulics, 29th IAHR Congress-Beijing, 2nd International Conference on Flood Defense, 7th IAHR Symposium on River, Coastal and Estuarine Morphodynamics; 3) initiated and worked as associate editor of the IAHR journal "International journal of River Basin Management"; 4) initiated and worked as advisor of the IAHR-APD journal "International Journal of Hydro-environmental Research"; and 4) initiated IAHR Tsinghua Student Chapter.

Dr. Wang delivered 17 keynote lectures or/and invited lectures at international conferences, such as 29th IAHR congress, 16th APD-IAHR Congress, 13th APD-IAHR congress, 9th International Symposium on River Sedimentation, 14th APD-IAHR congress, IAHR River Flow 2006, 8th IAHR International Symposium on Eco-hydraulics, and 11th International Symposium on River Sedimentation. He chaired many technical sessions and organized workshops and master classes during IAHR congresses and IAHR conferences. As one of the initiators and main organizers of the 35th IAHR congress in Chengdu, China, he is working for the congress as the chairman of the International Scientific Committee.

For Vice-President Americas: 2 candidates for 1 position

Dr. Marian Muste

IIHR-Hydroscience & Engineering
Civil & Environmental Department,
The University of Iowa, USA

Dr. Muste holds MS and PhD from The University of Iowa-UI (U.S.A) and MS from Technical University Cluj-Napoca (Romania). Currently, he is research engineer and adjunct faculty with IIHR-Hydroscience & Engineering and University of Iowa, respectively. Dr. Muste's expertise and professional track record can be found at: http://www.iihr.uiowa.edu /~muste. He joined IAHR in 1995, was secretary (1999-2001) and chair (2001-2007) of the Hydraulic Instrumentation Section. Dr. Muste acted as IAHR liaison for IAHR-ASCE Hydraulic Measurement and Experimental Methods Conferences (2002, 2007). Since 2007, Dr. Muste has been an IAHR Council Member in charge with Student Chapter (SC) coordination and chair of the NexGen Task Force focused on SCs capacity building (link to the document MM for VP to be published on the IAHRwebsite).

The area of activity where I would like to continue my IAHR efforts is Innovation and Professional Development Division. If elected, the strategy that I will adopt is one driven by practical finalities. I will initiate bold actions to engage students and young professionals in innovative professional development programs across borders and professional organizations. As instructor for the IAHR-WMO hydrometry course, I will also act as an IAHR messenger and mentor for professionals from different parts of the world, with special emphasis on Latin America, Asia and Pacific, and Africa. As IAHR Vice President, I will build on the professional and service experience gained so far to initiate increased interactions among IAHR members and divisions and with other water-centric organizations, for promoting synergistic multi-disciplinary collaborations focused on the development of scalable solutions for sustainable water resources in the world watersheds.

Dr. Angelos Findikakis

Senior Principal Engineer and Bechtel Fellow
Bechtel National, Inc., USA

Angelos Findikakis has spent most of his career with Bechtel, working on environmental hydraulics, groundwater and water resources problems for many engineering projects in different parts of the world. He is a Bechtel Fellow and the global lead for Bechtel's Hydraulics/Hydrology group. Throughout his career in the industry, Angelos has repeatedly reached out to the research community for solutions to difficult problems. Angelos is also a Consulting Professor at Stanford University where he teaches a class every year.

He has been a member of IAHR since 1987 and has actively participated in many committees and in the organization of congresses and symposia. He has served as Chair of the Geophysical Hydraulics Division, and is now the Vice Chair of the Innovation and Professional Development Division.

If elected, Angelos will work to achieve the following:

- Bring closer together academic researchers and industry practitioners.
- Expand the opportunities to members for collaboration and networking through online tools at the IAHR website.
- Promote knowledge sharing and transfer by expanding IAHR's online electronic library and by introducing other tools, such as wikis and discussion forums.
- Raise the profile of younger members and students and increase their opportunities for exchanges and cooperation
- Expand the collaboration with national and international scientific and technical organizations with similar interests and goals.
- Collaborate with organizations that contribute to hydro-environment policy development and influence the direction and funding of hydraulic research.
- Expand IAHR's presence in Africa, Middle East, Russia and other former Soviet Republics.

Slate of Candidates

For Council Member APD:

Prof. Changkuan Zhang
Professor, College of Harbor
Coastal and Offshore Engineering
Hohai University, China

Prof. Zhang, the former president of Hohai University, is one of the current IAHR council members. He is also the vice chairman of the Chinese National Committee for the International Hydrological Programme of UNESCO and director of Tidal Flat Research Centre of Chinese State Oceanic Administration. His research interests are in coastal and estuarine hydrodynamics and sediment transport, near-shore land reclamation, tidal flat evolution and coastal disaster prevention and mitigation.

Prof. Zhang joined IAHR in 1984. Since then he has been actively involved in the IAHR organized events. In 2004, he took part in the 14th Congress of IAHR-APD held in Hong Kong and delivered a keynote speech entitled "Sustainable Utilization of Water Resources and Hydropower Resources in China". In 2008, as the chairman of the local organization committee, he successfully hosted the 16th IAHR-APD Congress in Nanjing. Presently, as a vice chairman of the local organization committee, he is fully engaged in preparation for the 35th IAHR Congress to be held in Chengdu, China.

Prof. Zhang would strive to achieve the following goals if he were re-elected:

1. To work closely with the IAHR committee to ensure a successful 35th IAHR Congress.
2. To explore the concept of sustainable development in China, as well as other areas in the world.
3. To strengthen the close links between Asian universities, research institutes and IAHR.
4. To encourage more young members to be involved in IAHR activities.
5. To promote exchanges and collaborations of young researchers between different countries.

Standing for second term on Council

Prof. Bruce Melville
Professor and Head of Department of Civil and Environmental Engineering
The University of Auckland, New Zealand

Prof. Melville is a candidate for re-election to Council. He joined IAHR in 1986, became a member of Council in 2009 and is keen to serve the Association into the future. He is a member of the Finance Committee of the IAHR Council, the Task Force on National Membership Agreements, the Executive Committee of the Asia-Pacific Division and is an Associate Editor of the Journal of Hydro-environment Research. He co-Chaired the organizing committee for the 2010 IAHR-APD Congress.

Melville states: "Our professions will be at the heart of the thrust for new sustainable solutions to many water and environmental problems, presenting significant research and education opportunities for us. In particular, young members of our Association will have key roles to play in solving such problems, many of which will be concentrated in the Asia-Pacific region. In this context, he will serve IAHR: to boost membership of young people from our professions and encourage active participation of young IAHR members; to promote the development of IAHR in the Asia-Pacific region; and to promote and facilitate inter-disciplinary and inter-cultural research to solve important water and environmental problems.

Melville is an active researcher in fluvial sediment transport. His book on bridge scour is widely used by bridge hydraulics engineers throughout the World. He is Associate-Editor of the (ASCE) Journal of Hydraulic Engineering. He received the 2002 ASCE Hydraulic Structures Medal, was elected to fellowship of the Royal Society of New Zealand (RSNZ) in 2006 and then received the R.J. Scott Medal from RSNZ for his research contributions in fluvial hydraulics.

Standing for second term on Council

Prof. Toshiharu Kojiri
Professor and Head of Water Resources Research Center DPRI
Kyoto University Gokasho, Uji, Japan

Serving as the secretary of probability methods section and a chairman of water resources management section, Prof. Kojiri has managed the water resources issues in IAHR and has been leading the climate change working group under the mission of summarizing a State of ART on climate change and proposing the necessary research topics for climate change in IAHR.
As the future working plan, significant discussions among IAHR members collaborating with other societies or associations will be managed. The impacts of climate change and global warming against hydraulics behaviors and human activities are not still clear although many related research have been proposed. To overcome those exclusive research circumstances, the continuous studies among hydrological and hydraulics events must be taken under the actual collaborations sitting down in the round the table together. Nowadays, by using GCM output, flood, drought, typhoon, snow and glacier melting, sea level raise, salinity instruction and etc., are strongly approached, individually. I would like to encourage IAHR members to make the significant contributions to not only the international organizations such as UNESCO, WMO and others, but also serious developing regions suffering from un-expected natural disasters for our sustainable and sound human life. The collaboration with other associations such as IAHS, IWRA, IWA and others should be linked for those future activities through academic meetings.

6 candidates for 3 positions

Prof. Vallam Sundar
Professor
Department of Ocean Engineering
I.I.T. Madras, Chennai, India

Prof. Vallam Sundar is with Indian Institute of Technology, Madras (IITM), India, since 1981 as a faculty of Ocean Engineering. He has nearly 100 technical contributions in international journals and about 200 papers in international conferences.

Among several awards, the University of Wuppertal, Germany conferred Honorary Doctorate in 2006 recognizing his extra ordinary accomplishments an outstanding educator and researcher. He is a member of a number of professional bodies and is serving as a member of the editorial board of a number of leading journals. He served as vice chairman, Executive committee of IAHR-APD during 2005-2006 and serving as its chairman from 2007. He organized 15th IAHR-APD congress successfully, during which an agreement between IAHR and Indian society of Hydraulics, India was signed, through which he mobilized a number of members to IAHR.

The master plan for coastal protection for the two tsunami affected maritime states of India was prepared by him. Under IAHR-APD an Indo-Japan workshop was organized. He successfully organized ICHE during 2-5 August 2010. As a member of committee on coastal and maritime hydraulics (CMH) initiated a joint workshop between IIT M and CMH IAHR on "Geo-synthetics and modern materials in coastal protection and related applications" during 6-7 August 2010 which was a great success. Sundar diverted a part of the funds from such events towards sponsoring the membership fee for the IAHR to a few deserving researchers. Through this exercise, he has inducted about 25 members. As his track record is proven, he will serve the council with dedication if elected.
For further details: http://www.oec.iitm.ac.in/Facweb/vsundar/Division.html

Outgoing Chair of Asia Pacific Division

Dr. Hyoseop Woo
Senior Research Fellow
Korea Institute of Construction Technology
Korea

Dr. Woo received his education in civil engineering from Seoul National University (BSc 1976 and MSc 1981) and Colorado State University (PhD 1985). Since then, he has been employed by Korea Institute of Construction Technology, served as Vice-President and is currently Senior Research Fellow (http://www.kict.re.kr/eng/). He joined IAHR in 1990 and is a member of Advisory Board of JRBM. Also, he is Fellow Member of ASCE and served as Associate-Editor of JHE (ASCE). His research interests include sedimentation engineering and ecohydraulics.
In 2000, he was a successful bidder for the 31st Biennial IAHR Congress hosted by KWRA (Korea Water Resources Association) and endeavored for the Congress as a key member. As Vice-President of KWRA in 2006, he also played a key role in launching and financially supporting Journal of Hydro-environment Research (JHER), a SCI-E journal. He was founding chairman of the IAHR-Korea Chapter motivating the organization of Student Chapters in Korea. Now he has become a champion in hosting IAHR conferences to Korea such as the 8th International Symposium on Ecohydraulics drawing about 510 participants including 230 internationals (see the website http://ise-2010.org) and the 18th IAHR-APD Congress in 2012. He has been an Executive Committee member of IAHR-APD and was elected as Vice-President of APD effective in 2011. Dr. Woo will devote for IAHR to exercise its alleged functions through promotion of interdisciplinary collaborations. Also he will promote and strengthen region-wide short courses and workshops, which are considered to be efficient to tackle serious water problems in the world.

Prof. James E Ball
Assoc. Professor
School of Civil and Environmental Engineering, University of Technology Sydney
Australia

It is an honour to be considered as a candidate from APD for election to the Council of IAHR. Asia is a rapidly growing region with many diverse and interesting research and implementation problems within the sphere of IAHR activities. APD membership within IAHR has been growing over the past decade reflecting the utility of IAHR to its members in the Asia-Pacific region. It would be an honour to serve on the IAHR Council representing this region.
As a member of IAHR since 1985 I have been able to both observe and participate in many IAHR activities. For example, over the past 5 years I have had the opportunity to attend Council meetings in the organisation of the upcoming Brisbane Congress. I believe that this experience will assist me in my role as an IAHR Council member.
The role of an IAHR Council member is multi-faceted with prime roles being to:

- Encourage collegiality between members recognising the many diverse views and backgrounds;
- Ensure member access to rigorous technical discussions and publications;
- Encourage the exchange of knowledge within the many fields where IAHR members (both individual and corporate) are active; and
- Co-operate with other water related associations where the thematic activities of IAHR members overlap with those associations.

I believe that my experience in IAHR, my commitment to IAHR and my demonstrated capacity within IAHR provides an excellent background to be an effective IAHR Council member.

Slate of Candidates

Council Member Europe:

Prof. Reinhard Hinkelmann

Chair of Water Resources Management and Modeling of Hydrosystems
TU Berlin, Germany

Reinhard Hinkelmann is Chair of Water Resources Management and Modeling of Hydrosystem at the Technische Universität Berlin, Germany. His research interests are in the fields of modelling flow and transport processes in free-surface and subsurface flow systems, including integrated approaches and hydroinformatics. Current research projects deal with development and application of models for simulating landslides (water-related components), land subsidence, flood protection as well as water quantity and quality aspects in urban and rural waters. Further information is found at: www.wahyd.tu-berlin.de.

Reinhard is a member of IAHR since 1999. In 2001, he became the secretary of the Engineering Graduate School Environment Water (EGW), and in 2007 he was elected as the Chairman of Section on Education and Professional Development (EPD). Within EGW and EPD his main activities have been: developing and organising a framework for further education courses, developing own short courses as well as organizing and shaping education-related seminars in IAHR Congresses. In 2009, he has been elected as council member. As Past Chair of EPD he is still involved in continuing education activities.

If re-elected, I will endeavour to make the following contributions to IAHR:

- Strengthening the aspect of fundamental research, especially in modelling of hydro- and environmental systems
- Developing further continuing education on high academic level, especially for PhD students, focussing on Europe
- Active contributions to IAHR Congresses (e.g. 2nd European IAHR Congress 2012 in Munich, Germany) and IAHR-sponsored conferences
- Broadening the environmental focus within the current re-organization

Standing for second term on Council

Prof. Arthur E Mynett

Head Strategic Research & Development
Delft, The Netherlands

Prof. Arthur Mynett has long been contributing to IAHR in various capacities. He was actively involved in a number of working groups and served both as secretary and chairman of the IAHR-IWA-IAHS Joint Committee on Hydroinformatics. He stimulated cross links with other Committees notably Ecohydraulics, and was appointed chair of Technical Division I (Methods in Hydraulics) before being elected on Council from 2005 onwards.
His position at Delft Hydraulics enabled him to bring in practitioners' needs and to promote IAHR in international platforms like the World Water Forum. As a professor at UNESCO-IHE and Delft University of Technology he has been developing innovative approaches and leading technologies to help meet the Millennium Development Goals. His involvement in global research programmes like with the Chinese Academy of Sciences and the Singapore-Delft Water Alliance have led to many contributions by young researchers at regional IAHR conferences.

Prof. Mynett is chairman of the IAHR Standing Committee on Global Water Issues and has been actively contributing to a great number of IAHR conferences. He is the main organizer of the 2015 IAHR World Congress in The Netherlands.

"IAHR needs to profile itself more visibly in today's international hydro-environment community. It has to strengthen its role as a think-tank for practitioners and has an obligation to reach out towards the developing world. Strong leadership, increased membership and sound financial policies are needed to secure the position of IAHR.
As Council member I will continue to strive for a prominent role of our association in the global arena".

Prof. Jorge Matos, Portugal

Department of Civil Engineering and Architecture, Instituto Superior Técnico, Technical University of Lisbon, Portugal

Jorge Matos is serving in the Department of Civil Engineering and Architecture at the Instituto Superior Técnico (IST), Technical University of Lisbon, Portugal. In addition to the professorship at the IST, he served also as invited professor at the Military Academy, as well at the Escola Superior de Tecnologia do Barreiro - Polytechnic Institute of Setúbal, during short periods.

Jorge has served in the Executive Committee of APRH - Portuguese Water Resources Association, from 2004, as President (2008-2009), and as President of the General Assembly, since 2010. He was a member of the Governing Assembly (2007-09) and Vice-Chair of the Executive Committee (2008-09) of CNAIA - National Committee of the International Water Association (IWA).

Jorge joined IAHR in 1987, during the 22nd IAHR Congress in Lausanne, by the occasion of his first participation in a fascinating international congress. He was a member of the core group of the Hydraulic Structures Section (renamed as Committee on Hydraulic Structures), founded in 1998, and continued to serve as a member of the Section Committee, Secretary (2003-2005), Chairman (2005-2009) and Past-Chairman (2009-).

If elected as council member, I will work with the Council in carrying out actions defined in the IAHR strategic plan, such as: attract young professionals and students to the Association; develop synergies with peer associations, namely by promoting co-sponsorship of specialist conferences; strengthen the links with regional divisions; contribute to the consolidation of International Symposia and Junior Researcher and Engineer Workshops; promote intercultural cooperation and the collaboration between researchers and practitioners.

6 candidates for 3 positions

Dr. Ole Mark

Head of Research & Development, DHI, Denmark
Visiting professor at Exeter University, UK

Dr. Ole Mark is a specialist in urban water systems, with focus on sewer, drainage and surface water in the cities. His work is highly focused on research and practical problem solving within the hydrological cycle in cities, incl. urban flooding and urban water impacts on the receiving waters. Today Dr. Mark is responsible for the implementation of the Danish part of DHI's overall research strategy. Dr. Mark has spent three years as Associate Professor and Programme Coordinator at the Asian Institute of Technology, Thailand and Dr. Mark is responsible for DHI's "University Net" – which coordinates joint research and teaching activities between DHI and various universities, such as: Asian Institute of Technology, Thailand; Beijing Technical University, China; DTU, Denmark; IHE Delft, Holland; The University of Exeter, UK.

If elected Dr. Mark will focus on:

1. Bringing state-of-the-art IAHR research to the curriculums of the universities
2. Establishment of close ties between the academic part of IAHR and the practioneers and industry
3. Promotion of the interest for water and hydroinformatics in the fields of education.
4. Promotion of lifelong learning as IAHR activity – e.g. in connection with IAHR conferences and seminars
5. Development of IAHR in relation to third world countries.

Prof. Michele Mossa

Full Professor of Hydraulics
Technical University of Bari
Italy

The renewal policy of the entire association started from its change of name, which while maintaining its acronym IAHR, is now called International Association for Hydro-Environment Engineering and Research.
In agreement with the general world trend of water policy and water engineering research, my proposals are the following:

- Promote research and engineering which can help more than one billion people get access to drinking water and sanitation.
- Develop hydraulic techniques devoted to renewable energy.
- Promote research into hydraulics cooperating with other research areas in order to counter air and water pollution which are the cause of malaria, other diseases and many deaths in a large part of the world.
- Focus on not only applied but also basic research, which, although may not provide immediate commercial benefits, is very valuable in the long term.

Our association must now face the challenges of a changing world and act accordingly. The on-going problems of the 21st Century require new approaches, which are inter-disciplinary and inter-agency. Therefore, in this context, the activities of IAHR require prompt replies to new and old problems, where the fundamental activities of each IAHR local and regional section have the main role of promoting a greater involvement of the territory, whose knowledge and interactions with our association are a vital and unavoidable resource.

Prof. Francisco Taveira-Pinto

Full Professor of Hydraulics in the Department of Civil Engineering of the Faculty of Engineering of the University of Porto (FEUP), Portugal. Director of the Hydraulics, Water Resources and Environment Division from FEUP, President of the board of the Portuguese Water Resources Association (North Branch), Portugal

Francisco Taveira-Pinto his graduated in civil engineering (1989) from the Faculty of Engineering of the University of Porto (FEUP). He started his academic career at FEUP, Portugal, in 1990, in the field of Coastal Engineering and Applied Hydraulics. He presented his PhD in 2002 with the thesis "Water Elevations and Velocity Fields Analysis near Detached Breakwaters".

Francisco Taveira-Pinto joined the IAHR in 1995. He has served the Association as a committee member of the Maritime Hydraulics Section between 2007 and 2009 and as Vice-Chair of the Committee on Coastal and Maritime Hydraulics between 2009 and 2011. During this period he launched and promoted the Coastlab Conference Series – Porto 2006, Portugal; Bari 2008, Italy; Barcelona 2010, Spain; Gent 2012, Belgium, under the auspices of the IAHR. Between 2007 and 2009 he was also member of the Experimental Hydraulics Section and Hydrology Group and member of the European Regional Division between 2008 and 2011.

If elected I will try to:

- Promote IAHR as a dynamic community of water professionals and experts:
- Enhance and enlarge contact points in other continents;
- Help in the implementation of the European Division Regional Congresses and related activities for young IAHR members, promoting the links between young members and IAHR with new activities;
- Develop cooperation with similar national and international technical and scientific organizations;
- Establish a [IAHR List], to put in direct contact IAHR members, obtaining this way a faster and better exchange of information, more effective and easier to put in place rather than a newsletter;
- Establish more activities within the Working Groups as "Climate Change", "Renewable Energy", etc and to encourage publications in their field of work;
- Increase the importance of Maritime issues in the context of IAHR.

Slate of Candidates

Council Member Americas: 3 candidates for 2 positions

Prof. Arturo Marcano
Consultant
CVG EDELCA
Venezuela

Member of IAHR since 1982. Born in Maracay, Venezuela in 1953. Civil Engineer, major in Hydraulics in 1977 from Universidad Central de Venezuela in Caracas. MSc degree in Hydraulics, Hydrology and Coastal Dynamics from Strahtclyde University, UK in 1982. 1977-1993 he shared as design/research engineer in the Hydraulic Laboratory of EDELCA where he conducted/supervised field and physical/numerical model studies for the Lower Caroni Hydroelectric Development (18.000 MW). 1993-2004 he was EDELCA`s Head of Hydraulic Department and Director of Hydraulics Laboratory. Recently, involved with Rehabilitation Studies of the Orinoco Delta Flood Protection System, and in studies of several large hydraulic structures in Venezuela, Central America, Ethiopia and Pakistan. Adviser of the Ministry of the Environment, National Hydraulic Laboratory, EDELCA, CVG and other Venezuelan Government entities. Member of the IAHR Hydraulic Structures Section and ICOLD Committee of Hydraulics for dams. In Venezuela, he lectures at Graduated Courses at the Universidad Central de Venezuela, Universidad de Los Andes and, as an Aggregate Professor of Universidad Catòlica Andrès Bello at Ciudad Guayana. Chairman of the Venezuelan Association of Hydraulic Engineering. In 2006 he chaired the organization of a Joint meeting of the XXII IAHR LAD Congress and the International Symposium on Hydraulic Structures, in Venezuela. Presently, he is a consultant in Hydraulic Engineering. As Council Member he will motivate Latin Americans participation in IAHR activities, help to organize successful technical meetings, congresses, courses and symposia within IAHR framework. He will work for bringing the IAHR Biennal Congress to Latin America and, promote involvement of the new generation of LA hydro environmental engineers.

Prof. Robert Ettema
Dean, College of Engineering and Applied Science
University of Wyoming, USA

I feel privileged to be considered as a candidate for IAHR's Council, and see Council membership as an opportunity to pursue two topics of close interest to me:

- To help build-up university-based programs of water-engineering research and education in regions that, for various reasons, have had limited opportunities to develop such programs. This effort entails fostering productive links between universities, industry, and other organizations, doing so in ways that strengthen the less well-established programs while also increasing the impact of the better established programs.

- To further enhance IAHR's leadership role as an international body for advancing knowledge and practice regarding the hydro-environment, with particular reference to hydraulics and its application. IAHR's progress, and identify, face stimulating challenges as IAHR broadens its scope to encompass contemporary hydro-environment issues whose resolution integrates hydraulics with other expertise.

Since 2007 I am a professor and dean at the University of Wyoming's College of Engineering and Applied Science. Earlier, I was for 27 years a faculty member with the University of Iowa's Iowa Institute for Hydroscience and Engineering (formerly, Iowa Institute for Hydraulic Research). My expertise includes engineering hydraulics (hydraulic structures, alluvial channels, and cold regions considerations), education, and informally the history of hydraulics. I have served as Editor of the American Society of Civil Engineer's Journal of Hydraulic Engineering, am active with ASCE, received ASCE's Hunter Rouse Award, coordinated various conferences, written papers, and consulted extensively as a registered civil engineer. My engineering degrees are from the University of Auckland, New Zealand.

Prof. Ciro Menéndez
Director, Centre of Research of Water Resources, Ecuador

Prof. Eng Ciro Menéndez has been member of IAHR since 1978, when he participated in the organization of the VIII Latin American Congress that took place in Quito- Ecuador. Ever since he has attended to most Latin American Congress and since 1995 to the IAHR Congress. Besides he has occupied several positions in LAD's Regional Committee firstly as member, then as Vice-P and President in 1996, when the XVII- LAC was organized in Guayaquil – Ecuador. He has attended twice to the IAHR Council meeting.

C. Menéndez has been: full time Professor for over 36 years in Civil and Hydraulic Engineering at the Escuela Politécnica Nacional in Quito-Ecuador. Head of Hydraulic Department, Dean of Civil Engineering Faculty, and since 1996 he is Director of the "Centro de Investigaciones y Estudios en Recursos Hídricos".

As Researcher in the Hydraulic Laboratory of EPN, he has participated as researcher of several hydraulic works using scale physical model. As Consultant Engineer he has worked for several national firms, in topics related with feasibility and design studies of river water intakes for different use, and others hydraulic works.

"To realize my aspiration as a member of the Council I hope to support and promote the IAHR' works throughout the world, especially the Latin American contributions in the field of hydraulics, water resources and environmental engineering. For this propose, is necessary more participations of Hydraulic Engineers as IAHR members. Besides, I hope to represent adequately the interests of LAD in the IAHR, developing stronger links with policy and practice between both IAHR and LAD. Finally I want contribute to the IAHR views on Global Problems".