

YOUR VOTE COUNTS!

The Nominating Committee has now completed its work and proposes the slate of candidates herebelow for the vacant council positions.

The IAHR Council Elections are open until Wednesday August 16th.

All IAHR Members have been invited to vote by electronic ballot. If you have not received your ballot please contact Elsa Incio at elsa.incio@iahr.org

For more information on this election procedure visit www.iahr.org under About IAHR / IAHR Council / 2017 Council Elections or contact Elsa Incio at elsa.incio@iahr.org

IAHR 2017-2019 COUNCIL ELECTIONS

For President

Prof. Peter Goodwin

(eligible for second two-year term)
DeVlieg Presidential Professor of Civil Engineering and founding Director, Center for Ecohydraulics Research, University of Idaho USA



Peter Goodwin is the Idaho Director for the Experimental Program to Stimulate Competitive Research (EPSCoR) of the National Science Foundation. He was appointed the Lead Scientist of the California Delta Science Program for the US Geological Survey and the California Delta Stewardship Council from 2012-15. Goodwin earned his Ph.D. in Civil Engineering from the University of California, Berkeley. He served on the IAHR Council from 2003-2007 and as Vice President from 2007-2011.

Statement

I am honored deeply to be selected by the Nominating Committee as candidate for re-election as President of IAHR. The greatest challenge facing society is maintaining and improving the quality of life within a healthy earth system. Population growth and climate change make balancing the reliability of a clean water supply with a sustainable but desirable ecosystem fundamental to addressing this challenge. IAHR is poised uniquely to make major contributions to the science and engineering that will inform these critical management decisions and best practices. Our community includes many of the world's leading experts and research organizations with relationships that span the globe. This is a pivotal moment in the development of IAHR as the capacity of the Secretariat has recently doubled with the opening of the second office in Beijing. If re-elected President, my agenda will be to continue our collective efforts to create a truly global and cohesive organization, forging strategic partnerships, advancing integrated modeling, enhancing committee networking and promoting opportunities for young professionals.

Comprehensive solutions to water challenges frequently require expertise from multiple disciplines drawn from the private, academic and government sectors. IAHR will explore where strategic collaborations with international agencies and other professional learned societies could provide most impact and benefit to our membership. Examples include international professional qualifications, best practices in assessing adaptation to climate change, sustainability and resilience, technical support, a new webinar series and expanding the influential IAHR monographs or white papers series.

New monitoring technologies, modeling of complex dynamic systems, visualization and communication are increasingly important. Our committees are engaged in all aspects of the water cycle from the cryosphere to coastal waters encompassing observations, managing the ever-increasing deluge of information in the era of 'Big Data', and developing models that capture our current understanding of complex systems. IAHR will actively support these activities of our Technical Committees and activities such as the recent workshop jointly hosted by IAHR and many partner organizations in California.

IAHR has had a Task Force assessing the future of IAHR and in Kuala Lumpur we will be reaching out to Technical Committees and Divisions, seeking input on innovations to strengthen and grow our collegial association. There will be opportunities for input and we welcome the engagement from individual and institutional members on ideas to (a) improve accessibility to IAHR services, (b) facilitate swift responses to innovative ideas from members, (c) respond to requests for support from agencies and institutions, and (d) enhance education and professional development opportunities.

The Council has appreciated the ideas from Young Professionals Networks (YPNs) and these concepts will seed the process in the coming months. IAHR has always been a place for more senior members to mentor rising stars and we will grow master classes, engage YPs in Committee activities and through the YPNs enhance networking opportunities for international relationships that often last a lifetime.

The foundational work in restructuring IAHR over the past 5 years and our global yet collegial culture, places IAHR in a unique position to assist in addressing the major water challenges facing society. As President, I will continue using these assets to promote IAHR on the global stage. Most importantly, IAHR is *your* professional organization and I welcome your engagement to improve the effectiveness of the association.

For Vice-President Americas

Prof. Arturo Marcano

(second term)
Professor, Andres Bello Catholic University, Venezuela



He holds a Civil Engineering degree, Major in Hydraulics from the Central University of Venezuela (Caracas, Venezuela). In 1978, he continued postgraduate Studies in Hydraulics, Hydrology and Coastal Dynamics at University of Strathclyde (Glasgow, UK). Currently, He is an Aggregate Professor of Hydraulic Engineering at Andres Bello Catholic University, in Puerto Ordaz, Venezuela and a visiting Professor at Los Andes University at Merida, Venezuela.

He developed a 30 year career in dam hydraulics at EDELCA Hydraulics Laboratory, where he and his group encompassed laboratory and, numerical modeling studies and prototype monitoring, applied to the design and operation of some of the largest existing hydraulic structures built, part of the 17200 MW Lower Caroni Hydroelectric Development. His topics of interest have been design, and operation of large hydraulic structures, energy dissipation, aeration, large river diversion schemes, model and prototype correlation, implantation of large hydro-electric projects and education in hydraulic engineering.

Presently, in parallel with his teaching activity, he has developed a consulting activity in dam hydraulics engineering applied to more than 20 projects in Ethiopia, Guatemala, Panama, Pakistan, and in Venezuela. Since 2006, he has worked at the Orinoco Delta, monitoring hydraulic structures behavior, erosion and sedimentation processes, salinity intrusion and, water quality. He has served as Adviser of several public and private companies and provided assistance to hydraulic and environment engineers of CORPOELEC (Venezuelan Corporation of Electricity) in Dam and Reservoir Management. He has imparted courses and training to hydraulic engineers of the National Hydraulic Laboratory, Ministry of the Environment, in Venezuela. He is a member of the Hydraulics for Dam Committee of ICOLD.

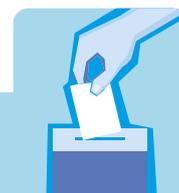
He joined IAHR in 1982, and has served the organization in various capacities; he has been an active member of the IAHR Hydraulic Structures Committee, Chair of the Second Symposium of Hydraulic Structures (2006), and Chair of the XXII Regional Latin American Congress in 2006, past Chair of IAHR LAD (2006-2008). Member of Scientific Committees of IAHR Specialty conferences and Regional Congresses. He helped implantation of Hydro List for the IberoAmerican IAHR Community. He became an elected member of IAHR Council in 2011. He has motivated many engineers, scientists and organizations from Latin America to join IAHR, attend and support IAHR Conferences and Congresses.

Statement

As Vice president of IAHR I will:

- Continue promoting IAHR activities in Latin America, Increase links between IAHR and Latin American universities, Research Centers and Professional institutions from the region can benefit from workshops, seminars, and technical exchange, and IAHR can gain knowledge and expertise from LA experiences.
- Assist IAHR in increasing membership, I will work to promote IAHR in Central and South America.
- I will continue giving support to organizations of the Biennial IAHR LAD Congresses.
- I will provide advice and support to the LOC of the 38th IAHR World Congress to be celebrated in Panama City in 2019.

SLATE OF CANDIDATES



For Vice President Europe 2 candidates for 1 position

Dr. Damien VIOLEAU

Senior Research Scientist
Laboratoire National
d'Hydraulique et
Environnement
EDF R&D
France



Damien Violeau has been working since 1997 at the Laboratoire National d'Hydraulique et Environnement of EDF R&D, where he was appointed Senior Scientist in 2013. He is also involved in the Laboratoire d'Hydraulique Saint-Venant, created in 2006. His main activities are the development of the Smoothed Particle Hydrodynamics (SPH) numerical method and the design of coastal waterworks, with an additional contribution to turbulent processes in the environment and the physics of tsunami waves. He compiled his work on theoretical fluid mechanics, SPH and its application to waterworks in a 600+ page book published by Oxford University Press in 2012. Besides his research activities, he developed a long and fruitful teaching experience, as lecturer in several engineering colleges in France, in particular Ecole des Ponts ParisTech, where he has been teaching Fluid Mechanics since 1998, and at Ecole Normale Supérieure de Cachan.

Damien was introduced to IAHR in 2003, first as a member of the Hydroinformatics Section, then as a member of the Maritime Section (now Committee on Coastal and Maritime Hydraulics) where he was secretary from 2006 to 2007. He participated to the Biennial congresses since then, as well as many other IAHR congresses, as speaker, chairman and organizer of special sessions. He is also a regular reviewer of JHR, and was appointed Associate Editor in January 2015. He was a co-opted member of the Council in 2013 and participated to the Council meeting in Porto that year. Since then, he started to think about the way to improve the links between Industry and Academia in IAHR. He also built and supervised the Paris IAHR YPN (officially closed in 2016).

Damien has also been a member of ERCOFTAC and is a member of the French Hydro Society (SHF). In 2005, he created the SPH European Research Interest Community which he chaired until 2009.

Statement

If elected, Damien Violeau will work to:

- Continue to increase relations between Academia and Industry within our community
- Develop the interest in water and hydro-environmental sciences in Universities, in particular using the YPN network
- Promote IAHR and enhance exchanges with other existing scientific communities (in particular the French Hydro Society)
- Help in keeping IAHR a dynamic community in the (near) future, by attracting new young scientists and trying to foster communication between the latter and the most experienced members
- Promote more communication between specialists of connected areas (e.g. sediment and turbulence; waves and coastal currents, coastal and river flows, etc.)
- Foster the use of recently developed numerical methods for fluids and High Performance Computing in order to extend the capabilities of CFD to a wider range of applications in hydraulic engineering

Prof. Silke Wieprecht

Universität Stuttgart
Department of Civil and
Environmental Engineering
Institute of Hydraulic
Engineering
Germany



Silke Wieprecht is a full professor at the University of Stuttgart, Institute of Modelling Hydraulic and Environmental Systems. She holds a Diploma degree as Civil Engineer (TU Munich) and finished her dissertation about "Sediment transport and bed forms in gravel bed rivers" in 1998. After two years as consultant engineer she joined the Federal Institute of Hydrology being responsible for the morphology of navigable rivers in Germany. In 2003 she received a tenure position as Full Professor at the University of Stuttgart. During her professional career she passed several research stays at international universities in China, Malaysia, Norway, and in 2017 also South Africa.

Sediment transport is her passion in research. However, her scientific approaches are on a highly multidisciplinary level working in an international network together with engineers, biologists, ecologists, chemists, sociologists and others.

Since the end of the 1990ies she is strongly tied with the activities of IAHR. It started and it still applies with exchange in the technical sections (rivers, fluvial, sediments, flood risk management). In the last years her activities developed also in a more strategic commitment e.g. in the European Regional Division (4 years) and in the Council (since 2013). Since several years, she is the advisor of the (former student chapter and now) YPN in Stuttgart. Since 2013 she also holds the position as Chair of the Young Professionals Committee in IAHR. As Course Coordinator of the International Master's Program WAREM, where students from all over the world come to Stuttgart, she is in her everyday life part of an international environment with young professionals, all of them highly engaged in the water sector.

Statement

Young professionals are the future and the lifeblood of our organisation. This is the reason why YPN and the active engagement with them are of high concern for me. The topic of support and promotion of YPN, especially in cooperation with universities but – at least of the same significance – also with companies and industry, is from my point of view of major importance.

IAHR as a relative small (compared to others e.g. IWA) association should tie strategic collaborations and foster solidarity with other organisations being active in comparable or neighbouring fields (IWA, ICOLD, IAHS, and others). as an adequate member of a superior alliance with the aim to play an essential role in the larger international context, like e.g. the World Water Council.

In 2016 I guided the Taskforce "Gender Equity", where we analysed the actual situation of gender distribution within IAHR and developed ideas for potential measures to increase the number of female members. I would be happy to encourage especially the younger generation of women to actively participate in our association work and step up for leading positions.

For Vice-President Asia Pacific

Prof. James E. Ball

(second term)
Associate Professor, School of Civil
and Environmental Engineering
University of Technology Sydney,
Australia



James Ball is a Professor in the School of Civil and Environmental Engineering at the University of Technology Sydney, in Sydney Australia. His primary research interest is in the development and application of catchment modelling systems for flood estimation in both Urban and rural catchments. This includes the determination of parameters for these systems and the use of information technology in the determination of these parameters. Through these research activities he has published a number of book chapters, over 50 journal papers and 170 referred conference papers. In 2011 he was awarded the JC Stevens Award by the ASCE for his publication in the Journal of Hydraulic Engineering.

Prior to joining the University of Technology Sydney, Professor Ball obtained experience through research undertaken at universities in Australia, Canada and USA. Professor Ball also obtained experience as a Consulting Engineer and in Government Authorities.

He is a member of the editorial boards for the Urban Water Journal, the Journal of Hydroinformatics, and is an Associate Editor for Water Science and Technology and the Journal of Applied Water Engineering and Research.

Statement

I am honoured to have been selected by the Nominating Committee for continuation in the role of a Vice President of IAHR. I am a member of the School of Civil and Environmental Engineering at the University of Technology Sydney. Due to my role as Editor of the revision to Australian Rainfall & Runoff (ARR) I have been leading a team managing the many research projects providing the necessary input into the revision of ARR. These research projects cover the spectrum from science to application and were undertaken by a variety of water research organisation including Universities, Government Agencies, and Private Organisations.

As a member of IAHR I have been able to participate in the Hydroinformatics and Urban Drainage Committees. In addition, I was involved with organisation of the 2011 World Congress held in Brisbane, Australia. Finally, I have served four years on Council as a member representing the APD and the last two years as a Vice President representing the APD.

I believe my experience in IAHR, my commitment to IAHR and my demonstrated capacity within IAHR provides an excellent background to be an effective VP of IAHR representing the APD.

The Asian region is rapidly growing with many diverse research and application problems of interest to IAHR members. Furthermore, APD membership within IAHR is growing highlighting the relevance of IAHR to these problems. This illustrates the appeal of membership in IAHR to the full spectrum of activities (science to application) in the hydro-environmental sciences. This desirability of IAHR membership is important if IAHR is to remain the pre-eminent Association in the hydro-environmental sciences.

IAHR 2017-2019 COUNCIL ELECTIONS

For Council Member Asia Pacific

Prof. Azazi Zakaria

River Engineering and Urban Drainage Research Centre
University Sains Malaysia
Malaysia



Statement

I fully accept the nomination as a Council Member for IAHR representing Asia-Pacific region.

I would advance the interest of IAHR as follows:

- a) Promoting conferences/congress organized by IAHR at regional (APD-IAHR Congress) and Biennial World Congress
- b) Increase the new members of IAHR especially for new graduates at South East Asia (SEA) Region
- c) Promoting Sustainable Water Management at SEA region
- d) Improving the guidelines for PCO, DMC as well as IAHR in World Congress in the future to avoid difficulties for LOC
- e) Increasing the income of IAHR from both world congress as well as IAHR-APD.

2 candidates for 1 position

Prof. Vldan Babovic

National University Singapore
Singapore



Statement

It is an honour to be nominated as a candidate for IAHR Council to represent Asia-Pacific region. Having been an active member of IAHR for more than 25 years, and living in South East Asia for more than 16 years I envisage the following activities:

• Academia and Practice

My professional career reflects strong interests in scientific research and making it societally relevant by addressing sustainability-related challenges. Prior to my present position at National University of Singapore (NUS) I worked at specialist consultancy organisations, such as Danish Hydraulic Institute and Delft Hydraulics. As a result, I believe that one of the skills I can bring to the IAHR Council is to strengthen the bridges between academic and applied hydraulic engineering.

• Societal relevance of hydraulic engineering

The challenges posed by accelerating urbanisation and climate change require sustainable management of water resources. As a council member I would advocate approaches that leverage science into practicable, societally-relevant and viable solutions, especially with regard to use of advanced information technology in water management, linkages between food, water and energy use, as well as development of climate-resilient communities.

• Technology and its impact on the profession

Management of water calls for the utilization of the most advanced science and technology for the purposes of better understanding and management of the looming water crisis. I am interested in advancing emerging techniques for studying hydraulics through use of new methods such as machine learning and artificial intelligence. Technology is overturning not only the world's economies, but also bears a major impact on our profession. As IAHR council member I would advocate continued advancements of fundamental hydraulics enhanced by latest IT developments.

• Geographical outreach

Asia-Pacific and South East Asia, with population exceeding 4.5 billion people, is home to almost 60 per cent of the world's population. The strategic geographic location of Singapore makes it feasible to reach out to many new IAHR members as well as more actively engage existing members. As a council member I would endeavour to mobilise broad network of colleagues from the region, with a specific attention to proactively involve the nations that are opening up. I would strive to enhance the IAHR relevance through more frequent specialist meetings as well as increase IAHR visibility and thought leadership at large global events (such as Singapore International Water Week which attracts 17,000 professional bi-annually).

• Professional outreach

In addition to being a member of IAHR, and I am elected fellow of International Water Association (IWA) and play an active role in International Association of Hydrological Sciences (IAHS), European Geosciences Union (EGU) and American Geophysical Union (AGU). Strong IAHR can benefit from even stronger ties and collaborative initiatives with these and other relevant professional organisations and associations. As an IAHR council member I would endeavour to promote the influence of IAHR in such professional circles.

For Council Member Asia Pacific

Prof. Pengzhi Lin

Sichuan University
China



Prof. Pengzhi Lin obtained his Ph. D. degree from Cornell University in 1998. He stayed at Cornell for one year as a Postdoctoral Associate before he went to Hong Kong Polytechnic University as a Postdoctoral Fellow. In 2000, he joined National University of Singapore as an Assistant Professor and became the tenured Associate Professor in 2005. Now he is Changjiang Scholars Professor in State Key Laboratory of Hydraulics and Mountain River Engineering, Sichuan University, China.

His research interests cover hydraulic, coastal and ocean engineering. He is an expert in computational hydrodynamics and its applications in various water-related problems. He is the author of the book "Numerical Modeling of Water Waves" published by Taylor & Francis. He has published over 70 peer-reviewed journal papers, which receive a total SCI citation number over 2,000. He is currently the Chief Editor of Applied Ocean Research and the Associate Editor for Journal of Hydro-environment Research, Journal of Hydraulic Engineering, and Journal of Ocean Engineering and Marine Energy. He is also the editorial board member of Ocean Engineering, Journal of Earthquake and Tsunami, and Engineering Applications of Computational Fluid Mechanics.

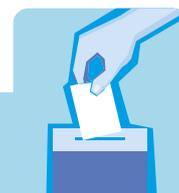
Prof. Lin served as the General Secretary for IAHR World Congress 2013 held in Chengdu, China. Starting from 2009, he has been actively involved into the preparation and coordination works for this World Congress. Currently, he is the EC member of IAHR-APD and a member of IAHR Coastal and Maritime Hydraulics (CMH) Committee. Being the CMH member, he is planning to bring the CoastLab 2020 into China, the first time for this conference held in Asia. He will also deliver a keynote speech in the upcoming IAHR 2017 World Congress. Serving as an Associate Editor of Journal of Hydro-environment Research, he has been helping promote and maintain the high quality of this IAHR-ADP sponsored journal.

Statement

I really appreciate the opportunity of being nominated to represent Asia-Pacific region as a council member of IAHR. Being with IAHR for many years, I would like to continue my services to this great association in the following aspects:

1. Further promote and widen the IAHR's membership coverage, especially in Asia-Pacific Region and for students and young researchers & engineers.
2. Meet the new challenges of water related problems due to climate changes and fast urbanization in Asia-Pacific areas.
3. Expand the impact of IAHR by bringing more activities in this region, outreaching to local authorities and practitioners, and soliciting more high-quality publications to IAHR journals.

SLATE OF CANDIDATES



2 candidates for 1 position

Dr. Zhongbo Yu

State Key Laboratory of Hydrology-Water Resources and Hydraulic Engineering Hohai University Nanjing, China



Dr. Yu received his PhD from Ohio State University in 1996 and has been professor in University of Nevada Las Vegas. He is a Distinguished Professor of Thousand Talents Program of China and Chair Professor of Cheung Kong Scholars Program at Hohai University in China, where he was also Dean of the College of Hydrology and Water Resources and currently is Director of the State Key Laboratory of Hydrology-Water Resources and Hydraulic Engineering.

Dr. Yu has extensive research and teaching experience in climate change, hydrology and water resources. He has completed over 50 research projects including grants funded by the National Basic Research Program of China (973 Program), National Key R&D Program of China, National Science Funds for Creative Research Groups of China, the program of Dual Innovative Talents Plan and Innovative Research Team in Jiangsu Province, National Natural Science Foundation of China, National Science Foundation of America, United States Department of Energy, and United States Department of Agriculture. He has published more than 200 SCI papers, over 10 patents, and 2 monographs. His book chapter-Hydrology: modeling and prediction-was included in the Encyclopedia of Atmospheric Science and his hydrology model system (HMS) was collected in large watershed models. Dr. Yu has received a number of awards for excellence in research and teaching. He was awarded with the National Prize for Progress in Science and Technology 2015, with the First Prize of Dayu Water Science and Technology 2013 and 2016, with the John Hem Award of United States National Groundwater Association 2015, and many more. He is fellow of Geological Society of America.

Dr. Yu has applied his capabilities as a researcher for the betterment of society with an unwavering focus on addressing critical problems in hydrology and climate change affecting China and other countries. He has mentored 39 PhD students and more than 30 international scientists. His service to society extends to his passion as a teacher and educator, committed not only to educating the next generation of professionals and academics for China and other countries (e.g., Nepal, Germany, USA) but to showing them how to lead the world in hydrologic sciences. He is the vice chair of Chinese National Committee of UNESCO IHP and of Chinese National Committee of IAHS, chair of IAHR groundwater committee, editors of Water Resources Research, Journal of Hydrology, Journal of Contaminant Hydrology and many more.

Statement

If elected, Zhongbo Yu will strive to:

- Work to promote international collaboration among university, government and industry, particularly between Asia-Pacific region and rest of the world.
- Further develop the joint international laboratory with Desert Research Institute, UCLA, University of Waterloo, and TUDelft.
- Continue to participate in all fronts of IAHR activities including being Chair of IAHR Groundwater Committee and attracting young generation scientists.
- Organizing 2018 IAHR Conference in China on Global change challenge: water security and sustainability.

With his extensive international experience, he is willing to extend his service to further International Association for Hydro-Environment Engineering and Research.

For Council Member Europe

Dr. Ioana Popescu

UNESCO-IHE The Netherlands



Statement

If elected my contributions in the Council will be in the following important areas:

- In the past years my main activities in IAHR were strongly linked with the Young Professionals Committee, where I also served as a Chair in 2011-2012. In this position I could see that Young Professionals and the corresponding network is an important element of the organisation, therefore I see it very important to promote and support the YPN, especially creating opportunities for an improved collaboration between fresh graduates and industry. Moreover strengthening YPN would envisage creating more possibilities for communication between the experienced members of IAHR and YPN.
- Linked with the above it is very important to strengthen the link between industry, companies and academia so that universities are collaborating together with industry, not only to prepare better graduates but also to understand what are the technological needs of the industry.
- Collaboration with other international engineering associations that are active in the hydro-environment, creating links for research. As such IAHR will remain an important player in the world of water and will foster research in water related areas. Such activities will be supporting the aim stated in IAHR's 2015-2019 strategic plan to become an international community of research and best practice.
- Promote communications of specialists between different Technical Committees within IAHR to create stronger interdisciplinarity.

If elected I will collaborate and work together with the Council members, Executive Committee and Secretariat to achieve the objectives of the IAHR Strategic Plan.

2 candidates for 1 position

Prof. Olivier Métais

Grenoble Institute of Technology/Ense3 France



Statement

During my entire career, I have been actively involved in research activities applied to hydro-environmental sciences.

As a founder of an internationally renowned school of engineering devoted to energy, water and environmental sciences, I have constantly worked towards the advancement of the links between top-level training, research and industry as well as international openness. The school I have directed is part of the Grenoble Institute of Technology and therefore belongs to a very large multidisciplinary international network of alumni and young professionals. This could constitute a significant asset towards reaching some of the objectives of the IAHR strategic plan: expansion of the young professional network (YPN); promotion of interfaces between disciplines in connection with hydroscience; development of innovative tools for Continuing Education.

For many years, I have been involved in various boards and councils in France and Europe with the objective to contribute to the definition of strategic guidelines for the development of innovative research, of industrial applications and of productive interactions between the academic and engineering worlds. My expertise in these domains could constitute an effective support to the IAHR towards reaching its strategic objective of enhanced collaboration between research and engineering communities.

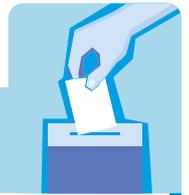
Since IAHR plays a major role in this development in the field of hydro-environmental sciences and their practical applications, I am very motivated to become a member of the IAHR Council and to actively participate in the development of the Association along its current strategic guidelines and to contribute to the elaboration of its future orientations.



**International Association
for Hydro-Environment
Engineering and Research**

Supported by
Spain Water and IWHR, China

IAHR 2017-2019 COUNCIL ELECTIONS



For Council Member Europe

2 candidates for 1 position

For Council Member Americas

Prof. Dragan Savic
University of Exeter
UK



Professor Savic is a founder and co-director of the Centre for Water Systems (www.ex.ac.uk/cws), in the College of Engineering Mathematics and Physical Sciences (CEMPS) at the University of Exeter (United Kingdom), which is an internationally recognised group for excellence in water and environmental science research. He is a Chartered Civil and Water Engineer with over thirty years' experience in research, teaching and consulting. His research interests cover the interdisciplinary field of Hydroinformatics, which transcends traditional boundaries of water/ environmental sciences, informatics/ computer science (including Artificial Intelligence, data mining and optimisation techniques) and environmental engineering. Applications are generally in the hydro-environmental science/ engineering areas, including water resources management (both quality and quantity), flood management, water & wastewater systems and environmental protection & management.

Prof. Savic has served as Vice Chair and Chair of the IAHR/IWA/IAHS Joint Committee on Hydroinformatics and as the Editor-in-Chief of the Journal of Hydroinformatics. He is a Fellow of the Royal Academy of Engineering (UK), Member of the European Academy of Sciences and Fellow of the International Water Association (IWA).

Statement:

- As somebody who has a long association with IAHR and IWA, including being a Fellow of IWA and a member of two joint IAHR/IWA committees, I intend to build further links between the two organisations with the aim of increasing impact of our profession on the society and promoting its influence on policy.
- I intend to make further significant contributions by promoting IAHR as one of its ambassadors, by promoting excellence and further development of the profession, and by promoting research excellence in the areas related to information technology in aquatic and urban environment via the Joint Committee on Hydroinformatics and the joint Urban Drainage Committee.
- In the age of 'smart cities' where around 4 billion human beings rely on urban infrastructure to make urban environment inclusive, safe, resilient and sustainable, I will work with IAHR colleagues to influence the smart city proponents and include in their plans the often neglected water issues.
- Finally, as a researcher I am committed to promoting scientific excellence and best practices, particularly in my own area of research related to Hydroinformatics.

Prof. Vladimir Nikora
National University Singapore
Singapore



Professor Vladimir Nikora is Sixth Century Chair in Environmental Fluid Mechanics at the School of Engineering, University of Aberdeen (UK), where he serves as Leader and Academic Line Manager for the Fluids and Structures Research Group. His main research areas relate to turbulent flows, sediment dynamics, hydraulic resistance, flow-biota interactions, and experimental methods. He has published extensively on these topics and initiated informal research networks to promote novel ideas in waterway hydraulics such as double-averaging methodology for rough-bed flows. Professor Nikora has been an Editor of IAHR Journal of Hydraulic Research and Associate Editor for AGU Water Resources Research and ASCE Journal of Hydraulic Engineering. He is currently one of Advisory Editors for the IAHR Journal of Ecohydraulics. Over the years, he has been a contributor to the IAHR Experimental Methods and Instrumentation Committee (Section) as a member, Secretary and Chair. Professor Nikora is Fellow of the Royal Society of Edinburgh, Scotland.

Statement

If elected, I would particularly contribute to the Council work in the following areas:

- Refinement and maintenance of high-quality publication portfolio and strategies. IAHR publications remain among most attractive outputs of the Association and therefore need constant attention to meet traditional and emerging demands of the IAHR community. I believe my recent experience with JHR and other editorial works would help enhance and diversify this activity.
- Interdisciplinary research. Modern engineering has increasingly become inter- and multi-disciplinary and this global tendency is to be reflected in the expansion of current IAHR subject areas. I would help develop IAHR activities at the interfaces with research and applications related to aquatic ecology, renewable energy, geophysics, hydrology, geomorphology, and social sciences. This would also strengthen linkages with other professional organisations (e.g., AGU, ASLO and similar) and help attract new membership from non-traditional fields.
- Emerging engineers and researchers. Over recent years, IAHR has significantly augmented attention to early career hydro-environment professionals. This area needs constant consideration and I would regard it among top priorities, helping to build a strong cohort of emerging hydro-environment engineers and researchers.
- IAHR family. The current representation of different countries at IAHR remains uneven and I would undertake efforts to strengthen IAHR influence and activities in under-represented countries.

Prof. Robert Ettema
Colorado State University
USA



Statement Preamble

I presently am serving as a co-opted member of IAHR's Council, and I am keen to serve as a North American representative on IAHR's Council. A vibrant and engaged IAHR is vital for water engineering in North America.

Intent

In my view, the following considerations are foremost for the North American representative:

1. Represent both the USA and Canada, as the two countries comprise the constituency of the North American representative.
2. Foster enthused engagement. A foremost task for the North American representative is to foster and stimulate the engagement of IAHR's immediate constituents in the USA and Canada— students, researchers, educators, practitioners. This task requires further building up of IAHR's membership, including corporate and governmental organizations.
3. Increase USA and Canadian participation. A trend in recent years has been a relative decline in IAHR membership of individuals as well as U.S. and Canadian organizations. Reversing this trend involves heightened, thoughtful marketing of the value of IAHR membership and products (notably, research findings, improved designs, education mechanisms, consultant expertise).
4. Sharpen image. My impression is that IAHR does a good job presenting and promoting itself, but I see the need to sharpen IAHR's image, especially for people not directly involved in university-based research. For example, IAHR's website needs a clearer message regarding IAHR's purpose and products. Also, the website should promote philanthropic giving to IAHR activities. This latter effort entails strengthening IAHR's appeal to potential donors.
5. Aid IAHR develop a fiscal model that facilitates IAHR's purpose. A broadened income model is needed. In addition to continued reliance on the traditional source of income (membership dues), together with modest earnings from IAHR products (e.g., conferences) the fiscal model must increase gifting as a source of funds. A broadened income model must be embraced by IAHR's divisions as well as IAHR as a whole.
6. A reputation of high quality. Besides considerations of fiscal bottom-line, it is critically important that IAHR continue to promote its reputation for high quality products (publications, conferences, education mechanisms). Where IAHR sees advantage in partnering with other organizations to create quality products, it should judiciously do so.

I appreciate the honor of being nominated to serve as North American representative to IAHR's Council.

38th IAHR World Congress

“WATER: CONNECTING THE WORLD”



September 1 to 6, 2019
Panama City, Panama
RIU PLAZA PANAMA HOTEL

THEMES TO BE COVERED:

- HYDRAULIC STRUCTURES
- PORTS and COASTAL Engineering
- HYDRO-ENVIRONMENT
- WATER MANAGEMENT and HYDRO-INFORMATICS
- RIVER and SEDIMENT MANAGEMENT
- CLIMATE CHANGE and EXTREME EVENTS

AIR TRAVEL HUB:

Considered one of the best airports in the region and strategic point to connections between the Americas, the Tocumen International Airport receives annually more than 14 million passengers, connecting 20 airlines, over 83 destinations in 35 countries, through the Americas and Europe.

CONGRESS HOUSING:

While the elegant RIU PLAZA PANAMA HOTEL will serve as the main Congress venue, Panama city host a wide variety of additional housing choices from upscale hotels to bed and breakfasts nestled in residential sections. A cosmopolitan city, it has something to fit every attendee's budget, including the opportunity for very attractive student and/or delegate housing at the City of Knowledge.

CONGRESS TOURS:

Congress technical tours will take you to the Old and New Panama Canal Locks, ships transits through the Panama Canal Locks, and visits to the Gatun Lake. Leisure tours will include tours to the Old Panama city, train tour to the Atlantic side, and visits to the Frank Gehry BioMuseum.

CONGRESS VENUE:

Panama City was founded in 1519, being the first Spanish city on the shores of the Pacific Ocean. With a skyline filled with modern buildings, the city is well known for its business structure, cosmopolitan culture and biodiversity.

The Panama Canal, only fifteen minutes from downtown Panama City, is one of the most important engineering works of the 20th and 21st century.

Panama is a country of diversity and contrasts; a country of multiple atmospheres, diverse in the historical, geographical and cultural aspects, and inhabited by a colorful mixture of ethnicities and customs. Because of this unique combination of people and unusual places, Panama City is a magical and fascinating destination. The Congress will provide every participant with a life-time memorable experience.

Hosted by the City of Knowledge
www.iahrworldcongress.org/2019
email: iahr2019.sec@utp.ac.pa

Plan to join us in 2019!