

Invitation

Mauri ora ki a koutou katoa. Nau mai, haere mai, ki Tamaki Makaurau, ki Te Waitemata.

The Local Organising Committee calls and welcomes you to attend the 17th Congress of the Asia and Pacific Division of the International Association of Hydraulic Engineering and Research in the South Pacific. The 2010 Congress incorporates the 7th International Urban Watershed Management Conference and is being organised by The University of Auckland and The Open Polytechnic of New Zealand.

As hosts for the 2010 Congress, the Local Organising Committee values the unique cultural identity and hospitality the Auckland Region offers. The best expressions of this Pasifika uniqueness and hospitality are being woven into the Congress programme to ensure your attendance is a memorable experience.

The Congress will be a forum that welcomes new research findings and practitioner innovations addressing the many water related challenges of the Asia-Pacific area. Alongside IAHR members, other researchers, practitioners, and students are also welcome to participate.

Congress Venue

The Congress will be held at The University of Auckland in the recently enlarged School of Engineering. The University campus is located within walking distance of the CBD, museum, art gallery, parks and the Waitemata waterfront.

Imagine an urban environment where everyone lives within half an hour of beautiful beaches, hiking trails and a dozen enchanted holiday islands including Waiheke and Great Barrier Islands. Auckland is an amazing city, boasting three harbours, two mountain ranges, 48 volcanic cones and more than 50 islands. Auckland has the distinction of being the largest city in both New Zealand and the Pacific region, and has the largest concentration of Pacific Island peoples in the World with a cultural diversity and flavour that reflects this.

The Congress will be held in late summer.

Important Dates

Deadline for submission of full papers: 20 July 2009 (extd)
 Notification of acceptance of papers: 30 September 2009
 Final date for revised papers: 30 October 2009

Full papers will be published on a digital medium. Please note that inclusion of the full paper in the Congress proceedings is conditional on completion of registration and the payment of registration fees by at least one of the authors.

Topics for IAHR-APD

Congress Theme: Go with the flow? Changing perceptions in balancing environmental and economic needs.

Water Resources and Hydrology
 Environmental and Ecological Hydraulics
 Fluvial Processes and River Engineering
 Estuarine and Coastal Hydraulics

Topics for IUWMC

International Urban Watershed Management

Program at a Glance

Sunday	Monday	Tuesday	Wednesday
	Opening Ceremony	Keynote 3	Keynote 4
	Keynote 1 Keynote 2	Parallel Session 4	Parallel Session 8
	Morning Tea	Morning Tea	Morning Tea
	Parallel Session 1	Parallel Session 5	Closing Ceremony
	Lunch	Lunch	Lunch
	Parallel Session 2	Parallel Session 6	Technical Tours
	Afternoon Tea	Afternoon Tea	
	Parallel Session 3	Parallel Session 7	
	Welcome Reception	Banquet	

Registration (incl. GST for NZ residents)

Note: * includes all social functions

	Early Registration	After Nov 1, 2009
Full *	NZ\$1100	NZ\$1300
Full for Association Member *	NZ\$1000	NZ\$1200
Student *	NZ\$550	NZ\$650
On Site *	NZ\$1500	
Accompanying Person *	NZ\$600	
Day	NZ\$650	
Additional Banquet Tickets	NZ\$180	

Social Programme

A Welcome Reception will be held on the evening of Monday 22nd February, commencing at 7pm.

The Congress Banquet will be held on the evening of Tuesday 23rd February, commencing at 6:30pm.

Keynote Speakers

Hubert Chanson - The University of Queensland, Australia

Professor Chanson of The University of Queensland is an expert in environmental fluid mechanics and water engineering. Hubert is the author of six books and received the 13th Arthur Thomas Ippen Award (IAHR) in 2003 for outstanding achievements in hydraulic engineering.



Mohamed S. Ghidaoui - The Hong Kong University of Science and Technology

Professor Ghidaoui of The Hong Kong University of Science and Technology is an expert in the fields of hydraulics, water resources and environmental fluid mechanics. Mohamed was selected the winner of the 2007 Arthur Thomas Ippen Award by the International Association of Hydraulic Engineering and Research (IAHR).



Morrie Te Whiti Love (Te Atiawa/Taranaki whanui ki Poneke)

Morrie has been involved in Maori resource management for many years. He has managed the Maori Secretariat (Maruwhenua) in the Ministry for the Environment and served as a director of the Waitangi Tribunal. He is currently Managing Director of Raukura Consultants based in Wellington.



Earl Shaver - Aqua Terra International

Earl initiated and implemented two state-wide sediment control and stormwater management programmes in the states of Maryland and Delaware in the U.S. He then moved to Auckland, New Zealand where he assisted the Auckland Regional Council in the evolution of their sediment control and stormwater management programmes.



Proposed Technical Tours

A programme of technical and social visits will take place on Wednesday afternoon. The options will be:

1. Waitakere green roof, followed by a visit to the Waitakere water supply dams using the narrow gauge railway
2. Upgraded Mangere Waste Water Treatment Plant and local environmental restoration
3. Former Auckland water supply and other exhibits at the Museum of Transport and Technology (MOTAT)
4. Golf game at Titirangi Golf Club (extra charge will apply)

The numbers for each visit will be fixed and delegates will be asked to specify a second choice if their first choice is not available. Further details are available on the Congress website.



The 17th Congress IAHR-APD is supported by:



(Funded by the NZ Government and administered by the Royal Society of NZ)

Local Organising Committee

Prof Bruce Melville (Co-Chairman)	The University of Auckland
A/Prof Gregory de Costa (Co-Chairman)	The Open Polytechnic of New Zealand
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Dr Graeme Smart	The University of Auckland
Ms Grace Wong	National Institute of Water & Atmospheric Research
	Auckland Regional Council

International Scientific Committee IAHR-APD

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Prof Eric Valentine	Charles Darwin University	Australia
Prof Martin Lambert	Adelaide University	Australia
Prof Hubert Chanson	University of Queensland	Australia
A/Prof Robert Keller	Monash University	Australia
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Prof Xia Jun	Chinese Academy of Sciences	China
Prof Liliang Ren	Hohai University	China
<i>Dr Yangwen Jia</i>	<i>China Ins. of Water Res. & Hydro Power Research</i>	<i>China</i>
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<i>Dr Kit Ming Lam</i>	<i>University of Hong Kong</i>	<i>Hong Kong</i>
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<i>Dr Ir. Nizam</i>	<i>Gadja Mada University</i>	<i>Indonesia</i>
Dr Babak Bozorgy	Halcrow International Partnership	UAE
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Dr Mustaq Gill	Water Management Punjab	Pakistan
Dr Muhammad Shafique	Water Management Punjab	Pakistan
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Prof Tawatchai Tingsanchali	Asian Institute of Technology	Thailand
Prof Ashim Das Gupta	Asian Institute of Technology	Thailand
<i>Dr Sutat Weesakul</i>	<i>Asian Institute of Technology</i>	<i>Thailand</i>
Prof Roger Falconer	Cardiff University	U.K.
Prof P O'Connell	University of New Castle	U.K.
Dr Forrest Holly	Forrest Holly Associates	U.S.A

Note: *Italic - current Executive Committee of IAHR-APD*

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THE UNIVERSITY OF AUCKLAND

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Te Whare Wānanga o Tāmaki Makaurau



17th Congress of the Asia and Pacific Division of the International Association of Hydraulic Engineering and Research, incorporating 7th International Urban Watershed Management Conference

February 21-24, 2010
Auckland, NEW ZEALAND

Third Bulletin

jointly organised by

The University of Auckland

The Open Polytechnic of New Zealand

www.iahr-apd2010.com

The 7th International Urban Watershed Management Conference is organised by:

- Urban Water Resources Research Council (UWRRC) - EWRI of ASCE
- Environment and Water Resources Institute of the American Society of Civil Engineers (EWRI)
- University of Virginia, USA
- US Environmental Protection Agency
- National Risk Management Research Laboratory
- Urban Watershed Management Branch
- American Academy of Water Resources Engineers