

Highlights of the Hydraulics in Water Engineering Conference

Speaker: Prof Ali Keshavarzy, Research Fellow, School of Civil and Environmental Engineering, UTS

Abstract: *Sediment Transport in River Engineering.*

Sediment transport is a significant component of many environmental issues in rivers and stream channels. The process of sediment transport however is very complicated due to the interaction of sediment and flow turbulence. Using techniques, such as PIV lasers and high-speed ADVs, enables a better and more complete understanding of the interaction to be obtained. The results obtained from application of these techniques for the monitoring of flow turbulence and the prediction of sediment entrainment and deposition in a number of river engineering problems will be presented.

Speaker bio:

Professor Alireza Keshavarzy is currently an academic member of Shiraz University and a Research fellow at the School of Civil and Environmental Engineering at the UTS where he is a member of the Centre for Technology in Water and Wastewater. He is also a core member and director of the Center of Excellence in water management in Iran since 2000. He graduated with a Bachelor Degree in Water Engineering from Shiraz University, a Master of Engineering Science from UNSW, and subsequently obtained his PHD from UNSW. Professor Alireza Keshavarzy has published more than 100 papers in journal and conferences. He has been successful in a number of research grants and has been selected as a high distinguished researcher at Shiraz University. He is currently a member of IAHR.



Wednesday March 28th 2010

Time: 5:30pm for 6:00pm

Drinks & nibbles from 5:30pm.

Venue: ***NOTE CHANGE OF VENUE***

Engineers Australia Auditorium, Ground Floor

8 Thomas St, Chatswood NSW 2067

See attached maps and follow signage on the day

Enquiries: Monique Retallick on 0407532290 or email retallick@wmawater.com.au