



Fellows' Visit to HR Wallingford, Oxfordshire

Thursday, 25 March 2010

You are invited to attend a Fellows' visit to HR Wallingford in Oxfordshire on Thursday 25 March 2010.

HR Wallingford is an independent research and technology organisation for the water sector. One of their stated objectives is to "promote, carry out and disseminate research in hydraulics and related fields for the study of the natural and built environment". Created as the Hydraulics Research Station of the UK Government in 1947, HR Wallingford became a private entity in 1982, and has since operated as an independent, non profit distributing organisation committed to building knowledge and solving problems, expertly and appropriately. Today, HR Wallingford has a 60 year track record of achievement in applied research and specialist consultancy. They have a unique mix of know-how, assets and facilities including state of the art physical modelling laboratories, a full range of computational modelling tools and, above all expert staff with world-renowned skills and experience.



HR Wallingford has a long history of integrating ship handling and hydraulic assessments, and is a world leader in the application of navigation simulation techniques for design, assessment and training. The Ship Simulation Centre at HR Wallingford houses two full bridge, real time ship manoeuvring simulators and an independent tug simulator. Participants will have the opportunity to take the helm and see first hand how these simulators operate and interact.

HR Wallingford uses physical models to support the design of a range of structures, from small seawalls and revetments to large port and LNG developments. Participants will see a range of ongoing projects in the Froude Modelling Hall. This facility extends to approximately 11,200m² and houses a range of wave basins and flumes, including one of the largest unobstructed hydraulic test tanks in the world.



PROGRAMME OUTLINE:

- 10.00am Registration and coffee
- 10.30am Welcome to HR Wallingford – Dr Stephen Huntington FREng
- 10.40am Introduction and overview – Professor Ian Townend
- 11.00am Project presentations
- 12.00pm Tour of Froude Modelling Hall / Ship Simulation Centre
- 1.00pm Buffet lunch
- 2.00pm Tour of Ship Simulation Centre / Froude Modelling Hall
- 3.00pm Close

ADDRESS: HR Wallingford, Howbery Park, Wallingford, Oxfordshire OX10 8BA. Tel: 01491 835381.
For a location map see the 'Contact us' page at www.hrwallingford.co.uk

As a result of demand to participate in visits, places will be allocated on a first come, first served basis using the usual Academy procedure. For this visit, not more than 30 participants can be accommodated. In order to defray administrative costs, there will be a charge of £25.00 per person for the visit. The list will be closed two weeks before the visit, ie, on 11 March 2010, and applicants will be informed whether or not they are successful. Cheques will be cashed and credit card payments taken at this time.