Introduction
The National Committees of the IHP/ICID invite you to Mullingar for the 20th National Hydrology Conference to be held on Tuesday 19th November 2019 at the Hodson Bay Hotel. This event is Ireland’s leading Conference devoted to Hydrology providing a unique forum for attendees to share policy developments, research results, and practical solutions to engineering hydrology issues.

Conference Theme
In hydrology, practitioners apply scientific knowledge and mathematical principles to solve practical problems relating to water, floods and droughts, erosion and sediment transport. The application of hydrological techniques to planning and design of water related projects has always been a primary concern to hydrologists. In view of the increasingly complex scope of water related projects, need to have a sound knowledge of the classical as well as the most modern analytical techniques applied in this field of physical hydrology or engineering hydrology is indispensable.

Organisers
International Hydrological Programme (IHP)
The UNESCO international scientific co-operative programme in hydrology and water resources, the IHP, was established to act as a catalyst to promote co-operation and research in the management of water resources, an issue which had been identified as a significant limiting factor for harmonious development in many regions and countries of the world.

International Commission on Irrigation and Drainage (ICID)
The mission of the ICID is to stimulate and promote the development of the management of water and land resources for irrigation, drainage, flood control and river training applications, including research and development and capacity building.

Conference Booking & Costs
Demand for places at previous Conferences has been high. Places are allocated on a first-come basis, and pre-booking is essential (using the registration form on this page). The cost of attendance at the Conference is €125 per person (with a limited Student rate of €40), which includes refreshments and lunch. Invoices will be issued following receipt of registration forms requesting the reservation of a place. Receipts will only be issued upon demand.

Please note that we there will be no refund or waiver of invoice for cancellations received later than Friday, 16th November.
Conference Opening
09:00  Conference Registration (Tea, Coffee & Pastries)
10:00  Welcome – Kevin Moran, T.D., Minister of State for the Office of Public Works and Flood Relief.

Session 1: UNSOLVED PROBLEMS IN HYDROLOGY
10:20  Keynote Address: 23 Unsolved Problems in Hydrology: Prof. Günter Blöschl (Hydrologist, Austria)
10:40  Can we still predict the future from the past? Non-stationary flood frequency analysis in Ireland
       Duncan Faulkner (JBA Consulting)
11:00  Conference Poster Presentations
       Brief Introductions to posters on display in the exhibition area
11:20  Discussion - Tea/Coffee

Session 2: RIVER RESTORATION AND AQUATIC ENHANCEMENT
12:10  River Restoration and Natural Water Retention Measures (NWRM) - a sustainable response to climate change and achieving good status under Water Framework Directive in urban waters
       John Stack (Dublin City Council)
12:30  Thinking outside the reach-scale box: a multiple-catchment scale analysis of river planform adjustments
       Hannah Joyce (Cranfield University)
12:50  Mapping hydrological dynamics
       Vivien Pohl (Technological University Dublin)
13:00  Discussion – Lunch

Session 3: RAINFALL MEASUREMENT AND HYDROLOGICAL RESPONSE
14:15  Summer Rainfall Runoff Relationship from Relatively Intact Irish Blanket Peat-Covered Catchments
       Raymond Flynn (Queen’s University Belfast)
14:35  Establishing the Flood Forecast Centre and expanding Met Éireann’s Rainfall Radar Network
       Eoin Sherlock (Met Éireann)
14:55  Discussion
15:05  Comfort Break

Session 4: HYDROLOGY FOR FUTURE PLANNING
15:20  National Indicative Fluvial Mapping: applying and updating FSU data to support revised flood risk mapping for Ireland
       Emma Brown (HR Wallingford)
15:40  Exploring regional water transfers to secure future water supply: a case study from the UK
       Aodhin McBride (HR Wallingford)
16:00  Discussion
16:10  Close

09:00 – 15:00 Poster Exhibition
Posters will be on display in the exhibition area all day during the breaks in the conference programme.

Registration / Further Information
To register to attend the conference or to request further information, please complete the registration form and return (with payment to confirm a booking) to:

Contact:  IHP/ICID Secretariat,
          Office of Public Works, Head Office,
          Trim, Co. Meath, Ireland.

Tel: 046 942 6737
E-mail: nhc@opw.ie
All payments to be made by Electronic Fund Transfer (EFT)
BIC - DABAIE2D
IBAN - IE91DABA95167890052841
Please send remittance to receipts@opw.ie and reference the National Hydrology Conference.

Registration Form

Name:
Job Title:
Organisation:
Address:

Purchase Order No. (if applicable):
Tel:  Fax:
E-mail: