

# DRAFT Programme

Annual IAH Groundwater Conference

"Groundwater in the Hydrological Cycle – Pressures & Protection"

20<sup>th</sup> and 21<sup>st</sup> of April 2010

Tullamore Court Hotel, Tullamore, Co. Offaly



## Day 1, 20<sup>th</sup> April

8.15am - 9.15am Registration & Tea, Coffee, & Exhibits

### INTRODUCTION:

9:30 Welcome and Introduction  
Teri Hayes - President IAH Irish Group

### SESSION 1: RECHARGE & GROUNDWATER FLOW

9.45 Groundwater Recharge: Influence of glacial tills on resource assessment and groundwater protection in Ireland - Bruce Misstear (Trinity College Dublin) and Dr. Les Brown (SLR Consulting)

10.15 Groundwater Flow in Karst Systems - Dr. David Drew (Trinity College Dublin)

### 10.45 - 11.15 Tea & Coffee

11.15 Groundwater flow regimes in Irish poorly productive aquifers - Dr. Ray Flynn (Queens University, Belfast)

11.45 Groundwater Supply Development in Sand & Gravel Aquifers - Gerry Baker (WYG Ireland)

12.15 Q&A

12.45pm - 2.00pm Lunch

### SESSION 2: DISCHARGE

2.00 Surface Water - Groundwater Interactions - Dr. Geoff Parkin (University of Newcastle)

2.25 Groundwater Dependent Ecosystems - Dr. Geert van Wirdum (Deltares Subsurface and Groundwater Systems)

2.50 Multiple Flooding Mechanisms in Ennis Town and Environs - Mary Burke (Clare Co Co)

3.10 Q&A

3.30pm - 3.50pm Tea & Coffee

### SESSION 3: PRESSURES

3.50 Agriculture landspreading & set back distances - Donal Daly (Environmental Protection Agency)

4.20 The assessment and prioritisation of point sources of groundwater contamination in Ireland - Marcus Ford (Ford Consulting Group)

4.45 Environmental Liability Directive Implications for Groundwater - Kevin Motherway (Environmental Protection Agency)

5.10 - 5.30 Q&A



## Day 2, 21<sup>st</sup> April

### SESSION 4: PROTECTION

9.30 Legal Perspective on Groundwater Protection - Deborah Spence (Arthur Cox)

9.50 Delineating Source Protection Zones and Zones of Contribution for Monitoring Points - Coran Kelly (Tobin Consulting Engineers)

10.10 EPA Guidance on Protecting Groundwater Supplies - Margaret Keegan (Environmental Protection Agency)

10.30 Q&A

10.50am - 11.20am Tea & Coffee

### SESSION 5: CLIMATE CHANGE

11.20 Impacts of Climate Change on Rainfall and Recharge - TBC

11.40 What will the Impacts of Climate Change be for Groundwater Systems in Ireland - David Ball

12.05 Implications of Climate Change on Groundwater Resources - Dr. Kevin Hiscock (University of East Anglia)

12.30 Q&A

12.50 Conference Close  
Shane Herlihy - Conference Secretary IAH Irish Group

1.00pm Lunch