



INTERNATIONAL ASSOCIATION OF HYDROGEOLOGISTS IRISH GROUP

“Sustaining Ireland’s Water Future: The Role of Groundwater”



Tuesday 12th –
Wednesday 13th
April 2016

Tullamore Court Hotel
Tullamore
Co. Offaly

PROGRAMME

DAY 1: 12th April 2016

08:30 Registration, tea/coffee, exhibits

09:30 Welcome: Henning Moe, President IAH Irish Group

SESSION I: KEYNOTES

09:40 **John M. Sharp** (University of Texas). Sustainability of groundwater resources: conceptual evolution, opportunities & challenges

10:20 **Beth Parker** (University of Guelph). Contaminant plume characteristics in sedimentary rock aquifers: Insights from field research

11:00 Q&A

11:15 Refreshments

SESSION II: CELEBRATING 40 YEARS OF IAH IRISH GROUP

11:45 **David Ball**. Groundwater in Irish society: Celebrating 40 years of IAH Irish Group

12:20 **Bruce Misstear** (TCD). Looking to the future: opportunities and challenges in hydrogeology training and education

12:45 Q&A

13:00 Lunch

SESSION III: GROUNDWATER FOR DECISION MAKERS

14:00 **Donal Daly** (EPA). Progress in implementation of the Water Framework Directive in Ireland

14:25 **Rob Ward** (BGS). Water Framework and Groundwater Directive Implementation: A UK perspective

14:50 **Teri Hayes** (AWN Consulting). The role of hydrogeology in Seveso III and IED licensing

15:15 **Les Brown** (Arup). Long Term Groundwater Catchment Monitoring and Quantitative Assessment at Fardrum and Roosky Turlough SAC. County Fermanagh, Northern Ireland

15:40 Q&A

15:55 Refreshments

SESSION IV: EARLY CAREER HYDROGEOLOGISTS NETWORK

16:15 **John Weatherill** (Geosyntec). Natural attenuation of chlorinated solvents in the hyporheic zone: Insights from a gaining lowland river in the UK

16:30 **Sarah Blake** (DIAS). Sources and circulation patterns of warm springs in Ireland

16:45 **Christopher Fennell** (TCD). Impacts of onsite wastewater effluent on private water wells

17:00 End of Session and Wine Reception

18:30 Social Event: Hugh Lynch’s Bar

DAY 2: 13th April 2016

09:00 Tea/coffee, exhibits

SESSION V: KEYNOTE

09:15 **Kevin Hiscock** (University of East Anglia). Implications of Climate Change on Groundwater Resources

SESSION VI: GROUNDWATER RESOURCES

09:55 **David Banks** (Holymoor Consulting Ltd. and Glasgow University). Making the red one green – renewable heat from abandoned flooded mines

10:20 **Sophie O’Connor** (GSI). Zooming in with Groundwater 3D: Focused GSI investigations in priority areas

10:45 Q&A

11:00 Refreshments

SESSION VII: RESEARCH

11:20 **Bob Harris** (University of Sheffield). Getting the buggers to listen – some observations on the trials, tribulations and success in delivering (and using) relevant scientific research

11:45 **Laurence Gill** (TCD). “It may be excreta to you, but it’s my bread and butter” – research into onsite wastewater treatment

12:10 **Colin Brown** (NUIG). Groundwater research in coastal catchments: new results, new challenge

12:35 Q&A

12:50 Conference closing – Owen Naughton, Conference secretary IAH Irish Group

13:00 Lunch

TECHNICAL WORKSHOP

14:00 **Fiona Regan** (DCU) – Environmental sensing technology for groundwater applications

Les Brown (Arup) – Logging fluorometer demonstration for tracer study applications

15:00 End of Session