



Groundwater & Planning



International Association of Hydrogeologists – Irish Group
Tullamore Court Hotel, Tullamore, Co Offaly
Tuesday 18th April – Wednesday 19th April 2023

Programme Day 1: Tuesday 18th April

08:30 – 09:30 Conference Registration: tea, coffee & exhibits

INTRODUCTION

09:30 – 09:45 Welcome: Gerry Baker (*President IAH Irish Group*)

SESSION I

09:45 – 10:15 Donal Grant (Department of Housing, Local Government & Heritage)
Water Abstraction Act 2023

10:15 – 10:45 **KEYNOTE:** Dr Karen Villholth (Water Cycle Innovation) *Transboundary aquifers – What do we know and how can these water resources bring cooperation rather than conflict?*

10:45 – 11:00 *Q&A*

11:00 – 11:30 *Tea & Coffee*

SESSION II **The Planning Process**

11:30 – 11:50 Dr Rónán Kennedy (University of Galway) *Planning & Environmental Law*

11:50 – 12:10 Brendan Slattery (McCann FitzGerald Solicitors) *The protection of water resources in the planning process: recent legal cases*

12:10 – 12:30 Brian Deegan (Uisce Eireann) *Lough Talt IROPI Case*

12:30 – 12:45 *Q&A*

13:00 – *Buffet lunch in Tullamore Court Hotel*

14:00



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SESSION **The Role of Expertise & Experience**

III

- 14:00 – 14:20 Paul Johnston (TCD) *Wetlands and the law: a hydrogeological perspective*
14:20 – 14:40 Teri Hayes (AWN) *The role of Expert Witness and Oral Hearings*
14:40 – 15:00 Paul Wilson (GSNI) *Northern Ireland's Groundwater Environment*
15:00 – 15:20 **Early Career Award Winner: Rebecca Ní Chonchubhair**
15:20 – 15:35 *Q&A*
15:35 – 16:00 *Tea & Coffee*

SESSION **Groundwater Challenges**

IV

- 16:00 – 16:20 Joan Campanya (SETU) *Assessing the impact of climate change on groundwater flooding*
16:20 – 16:40 Eileen McCarthy (UCC) *Peat Stability on Upland Sites: The role of hydrogeology*
16:40 – 17:00 Andy Trafford (UCD) *In Situ Characterisation of Peatlands using Geophysical Techniques*
17:00 – 17:20 Olwyn James (Uisce Eireann) *Uisce Eireann Planning Applications*
17:20 – 17:35 *Q&A*

17:35 *Posters & Wine Reception*
19:00 *Social event sponsored by IAH – Irish Group*



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SESSION V Developments in Planning

09:30 – 09:50 Katie Tedd (GSI) *Groundwater 3D 2023 Updates*

09:50 – 10:10 J.P. Moore (IE Consulting) *Groundwater Flow Direction: EIAR & hydrogeological assessments*

10:10 – 10:30 Conor Lydon (Tetra Tech) *Geothermal Planning Submissions*

10:30 – 10:50 Padraig Doyle (DCC) *Basement Impact Assessment*

10:50 – 11:05 *Q&A*

11:05 – 11:30 *Tea & Coffee*

SESSION VI Communication

VI

11:30 – 11:50 **Early Career Short Presentations:** *Corine Oggel, Ciaran Higgins, Robert Watson, Sodiq Oguntade*

11:50 – 12:10 Prof Pat Brereton (DCU) *Communicating Water Literacy through Active Engagement*

12:10 – 12:30 Maeve Boland (iCRAG) *Linking Science With Policy*

12:30 – 12:45 *Q&A*

12:45 *Conference Closing Address: Tiernan Henry (Conference Secretary – IAH Group)*

13:00 *Buffet lunch in Tullamore Court Hotel*

14:00 *Exhibitor demonstrations*