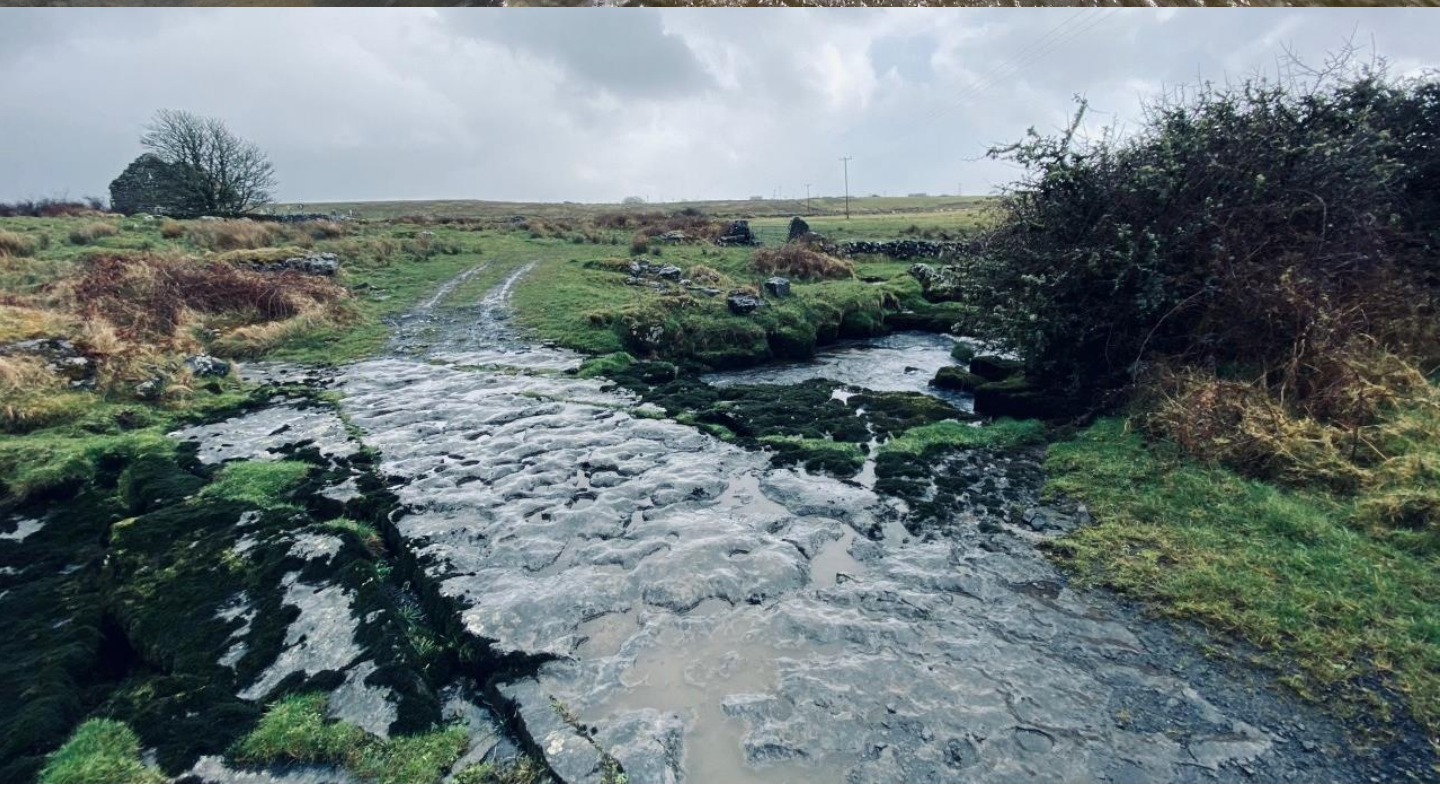




Groundwater: Making the Invisible Visible

INTERNATIONAL ASSOCIATION OF HYDROGEOLOGISTS - Irish Group

42nd Annual Groundwater Conference

Online, 26th and 27th April 2022

INTERNATIONAL ASSOCIATION OF HYDROGEOLOGISTS
IRISH GROUP

42nd Annual Groundwater Conference

Groundwater: making the invisible visible

Tuesday 26 & Wednesday 27 April, 2022

Online Event

SPEAKER PROGRAMME

HALF DAY 1: Tuesday, 26 April 2022 13:30 – 17:30

13:00 Conference Log in Open

SESSION 1: Exploring Groundwater

13:30 Welcome & Introduction: Tiernan Henry (NUIG), Conference Secretary, IAH (Irish Group)

13:40 **Richard Connor** (UNESCO WWAP): Making visible the invisible groundwater resource: the 2022 UN World Water Development Report.

14:00 **Sarah Blake** (GSI): Ireland's Geothermal Potential: data from Grangegorman, Dublin City.

14:20 **Pat Meere** (UCC): Structural Controls on Fluid Flow in the Munster Basin, Southern Ireland.

14:40 Q&A

15:00 Early Career One-Minute Poster Presentations

15:00 Introduction & chair: Lindsay Connolly (Arup)

15:20 Break

SESSION 2: Groundwater Resource Resilience

15:35 Introduction

15:40 **Claudia Ruz Vargas** (UN IGRAC): The Role of Groundwater in the World Water Quality Alliance.

16:00 **Caoimhe Hickey** (GSI): Revealing the Invisible: Geological Survey Ireland's National Karst Database.

16:20 **Paul Wilson** (GSNI): Bringing Groundwater Back into Public Supply.

16:40 **Katie Tedd & Ted McCormack** (GSI): Improving the understanding of current and future groundwater resources: GW3D and GWclimate

17:00 Q & A

17:30 End of Day 1

HALF DAY 2: Wednesday, 27 April 2022 09:30 – 13:20

09:00 Conference Log in Open

SESSION 3: Communication

09:30 Introduction

09:35 **Kirstin Lemon** (GSNI): Creating Lightbulb Moments: the Power of Using Groundwater in Geoscience Communication.

09:55 **Fergus McAuliffe** (iCRAG): Geoscience Communication.

10:15 **Donal O'Keefe** (LAWPRO): Evolving Community Engagement.

10:35 Q&A

11:00 Break

SESSION 4: Emerging Issues in Groundwater

11:15 Introduction

11:20 **Haleh Karbala Ali** (DIAS): Locating Flowing Conduits in Karst using Passive Seismic Approach.

11:40 **Dan Lapworth** (BGS): Groundwater Contaminants of Emerging Concern.

12:00 **Olivia Hall & Ian Ross** (TetraTech): Poly- and Perfluoroalkyl Substances (PFAS) in Groundwater: a global & Irish perspective.

12:20 **Bruce Misstear** (TCD): Irish Holy Wells: their Groundwater Sources, Water Chemistries & Healing Reputations.

12:40 Q & A

13:10 Closing Address – Gerry Baker (ARUP), President, IAH (Irish Group)

13:20 End of conference

Register here:

https://www.eventbrite.ie/e/42nd-annual-iah-irish-group-online-conference-tickets-295175978297

IAH Members: €50 (€85 *incl conference proceedings*)

Non IAH Members: €100 (€135 *incl conference proceedings*)

Students/unwaged: *free registration*