



INTERNATIONAL ASSOCIATION OF HYDROGEOLOGISTS IRISH GROUP

“Integrated Hydrogeology: Contemporary Principles, Policy and Practice”



Tuesday 21st –
Wednesday 22nd
April 2015

Tullamore Court Hotel
Tullamore
Co. Offaly

PROGRAMME

DAY 1: 21st April 2015

08:30 Registration, tea/coffee, exhibits

09:30 Welcome: David Drew, President IAH Irish Group

SESSION 1: HYDROGEOLOGY IN CONTEXT

09:40 Denis Peach (BGS). An integrated whole system approach to the surface: the future for hydrogeology and hydrogeologists

10:15 David Kreamer (University of Nevada). Hydrophilanthropy Gone Wrong - How Well-intentioned Scientists and Engineers Can Make the Situation in Developing Nations Worse

10:50 Q&A

11:00 Refreshments

SESSION 2: HYDROGEOLOGY FOR DECISION MAKERS I

11:30 Angela Ryan/Malcolm Doak (Irish Water). The future of groundwater in the National Water Supply Network

11:55 Margaret Keegan (EPA). Poor drinking water quality in private wells: the effectiveness of a communication strategy

12:20 Pól O'Seasnain (EPA). Overview of recently published Guidance for EPA Licensees for reporting compliance with the Groundwater Regulations 2010

12:45 Q&A

13:00 Lunch

SESSION 3: HYDROGEOLOGY FOR DECISION MAKERS II

14:00 Owen McIntyre (UCC). Legal protection for ecologically significant groundwaters under EU Law

14:25 Paul Johnston (TCD). Defining hydrological damage in Groundwater Dependent Terrestrial Ecosystems

14:50 Mark Adamson (OPW). Floods Directive and National CFRAM programme - Assessment of groundwater flood risk

15:15 Iolanda Simo (Teagasc). Soils of Ireland: the Irish Soil Information System

15:40 Q&A

15:55 Refreshments

SESSION 4: EARLY CAREER HYDROGEOLOGY NETWORK

16:15 Gillian Hurding (ECHN). The Early Career Hydrogeology Network – What role can early career hydrogeologists play as groundwater advocates?

16:30 Early Career Speakers (x4)

17:30 End of Session

19:00 Social event, Tullamore Dew

DAY 2: 22nd April 2015

09:00 Tea/coffee, exhibits

SESSION 5: GROUNDWATER RESEARCH

09:30 John Walsh (UCD). The Irish Centre for Research in Applied Geosciences (iCRAG) – a major new investment in research by SFI and industry

09:55 Jean Wilson (TCD). Using GIS and natural tracers to evaluate groundwater discharge to lakes

10:20 Jonathan Vouillamoz (SISKA, Switzerland). KARSYS approach – an explicit conceptual 3D model for karst hydrogeology

10:45 Q&A

11:00 Refreshments

SESSION 5: HYDROGEOPHYSICS

11:20 Fridtjov Ruden/Balazs Rigler (RudenAS). The capabilities of modern geophysical borehole logging equipment and its integration with geological logs and surface geophysics

11:45 Peter O'Connor/Shane O'Rourke (Apex Geoservices). Recent developments in surface geophysical surveying relevant to groundwater exploration and protection

12:10 Rachel Cassidy (AFBI). Hydro-structural characterisation of catchments using multi-scale geophysical techniques

12:35 Q&A

12:50 Conference closing – Owen Naughton, Conference secretary

13:00 Lunch

TECHNICAL WORKSHOP

14:00 Fridtjov Ruden/Balazs Rigler (RudenAS). Presentation of petrophysical survey: Carton House borehole

Peter O'Connor/Shane O'Rourke (Apex Geoservices). Presentation of surficial geophysical survey: Carton House borehole

15:30 End of Session