



International Association of Hydrogeologists  
Irish Group

## ***IAH TDM – climate & groundwater***

*“Assessing Climate Change Impacts to Groundwater: The GSI GWClimate Project”* Ted McCormack and Joan Campanya (GSI/ITCarlow)

*“Historical droughts in Ireland: Perspectives from the past to inform the future”* Prof. Conor Murphy (ICARUS/NUIM)

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**Venue:** online – please register at  
<https://tinyurl.com/IAHTDMOCTOBER2021>

**After registering, you will receive a confirmation email containing information about joining the meeting.**

**Date:** Tuesday 5<sup>th</sup> October, 2021

**Time:** 6.00 – 7.30 pm

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### **Future IAH Meetings**

Tuesday 2<sup>nd</sup> November **IAH (Irish Group) AGM**, online.

Tuesday 9<sup>th</sup> November **IAH TDM – Topic TBC**

Tuesday 1<sup>st</sup> December **IAH TDM – Topic TBC**

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For further information on this event, contact either Taly Hunter Williams (GSI, 087 993 8901), Alasdair Pilmer (GDG/GSI, 083 337 7671) or John Weatherill (UCC).




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### Speaker bios

	<p><b>Ted McCormack</b> is a Senior Geologist in Geological Survey Ireland who manages the GSI GWClimate project: assessing the impact of climate change on groundwater in Ireland.</p> <p>Ted is a Chartered Engineer with an MSc. in Environmental Engineering and a PhD in Karst Hydrogeology. Ted has previously led the GSI Groundwater Flood Project (2016-2019) which established national groundwater flood maps for Ireland using both traditional techniques and remote sensing methods.</p>
	<p><b>Joan Campanyà i Llovet</b> is a Research Fellow at IT Carlow working in the GSI GWClimate project: assessing the impact of climate change on groundwater in Ireland.</p> <p>Joan has a background in physics and geophysics and holds a PhD in Earth Sciences from the Universitat de Barcelona. After his PhD he moved to Ireland, where he has further developed his research in geophysics, and contributed to the characterisation and understanding of geohazards focusing on the topics of space weather and groundwater flooding. His current research concentrates on developing a modelling and analysis approach to assess groundwater systems behaviour at both short- (flood forecasting) and long- (climate change impact) timescales to improve the reliability of adaptation planning and predictions in the groundwater sector.</p>
	<p><b>Conor Murphy</b> is a Professor in the Department of Geography at Maynooth University. His research and teaching interests are interdisciplinary and focus on hydroclimatology, historical climatology and adaptation to climate change. Conor has been awarded over €6 million in funding from National and European sources. His research engages closely with enterprise, public policy and communities. He has consistently published in top ranking international journals including; Science, Nature and Nature Climate Change. Conor currently sits on the National Adaptation Committee and is a member of the Royal Irish Academy Committee on Climate Change and Environment. In this presentation Conor will draw together new insights on drought from two ongoing projects; the AXIS/JPI funded project CrossDro supported by the EPA and an IRC Coalesce project entitled Environmental and Cultural Memories of a Neglected Hazard.</p>

For more information on the GWClimate project, please go to <https://www.gsi.ie/en-ie/programmes-and-projects/groundwater-and-geothermal-unit/projects/gwclimate/Pages/default.aspx>

For more information on CROSSDRO and other NUIM ICARUS Climate Research Centre projects, see <https://www.maynoothuniversity.ie/icarus>

A full list of Conor's publications can be found at: <https://www.maynoothuniversity.ie/faculty-social-sciences/our-people/conor-murphy#3>

For more information on the International Association of Hydrogeologists (Irish Group) see <http://www.iah-ireland.org>, and for IAH International see <http://www.iah.org>