



Irish Geological Association Lecture

“New Ways to Hunt Down Irish Zn–Pb Mineralization”

By Dr Aileen Doran (iCRAG, University College Dublin)

Abstract: Metals such as zinc, lead and copper are crucial for society, but there are many challenges remaining in how we explore and discover these important deposits. This talk will provide an update on recent geochemistry research across the southern Irish Zn–Pb ore field, introducing two techniques that could help us to identify hidden mineralization. The two new techniques are pyrite geochemistry and carbonate isotope analysis, focusing on minerals closely associated with mineralization. These techniques provide a better understanding of the formation of the impressive Irish Zn–Pb deposits; the results can be used as new pathfinders to find additional Irish mineralization. Internationally, knowledge taken from the Irish studies can be applied to help search for metals in other settings and other countries.

Date and Time: Wednesday, 15th November 2023, between 19:00 pm and 20:00 via Zoom only.

To Register: send an e-mail to info@geology.ie

A Zoom link will be sent on the day to those who have registered.