

# Assessing the timing of megagravel emplacement in coastal boulder deposits: a pilot study

*University College Dublin and Williams College*



In this project we are using cosmogenic  $^{10}\text{Be}$  to try to learn more about the deposition of megagravel in coastal boulder deposits. While these deposits are well recognized in the literature, the timing/rate of emplacement is not understood. Here, we will determine the exposure history of megagravel clasts located in western Ireland. The timing of deposition of this deposit is unknown but is likely late Holocene (>4000 years).



**Visitor:** Sam Kelley

**Visit dates:** N/A- Unable to visit due to COVID-19 restrictions

Sam Kelley is an Assistant Professor in the School of Earth Sciences at University College Dublin. Much of his previous work has focused on using cosmogenic nuclides to understand glacial history in western Greenland.