



**Project acronym:** GAS

**Project title:** Glacial-fed sediments As a greenhouse gas Sink

**Project leader:** Karen Cameron, Aberystwyth University, UK

**Discipline:** Earth Sciences & Environment: Ecosystems & Biodiversity

**Station(s):** Greenland Institute of Natural Resources (GINR) (Greenland/Denmark)

Climate change is a global issue driven by atmospheric greenhouse gases. To prepare for, and mitigate against climate change effectively, accurate greenhouse gas budgets are essential. This project aims to highlight a novel system to be considered within global greenhouse gas budgets, namely, the sediment environments that surround glacial meltwater rivers and fjords. For this, two glacial-fed sediment systems will be studied that are accessible from Greenland Institute of Natural Resources (GINR).