

## Final Report

**Name of BritInn Fellow:** Dr. Arthur Broadbent

**Home Department:** Department of Earth and Environmental Sciences

**Home University:** The University of Manchester

**Guest Department:** Department of Ecology

**Guest University:** University of Innsbruck

**From:** 13/03/2022      **Until:** 20/03/2022

**Title of the Research Project:** Cross-season legacy effects of climate extremes in alpine ecosystems

### Report about visit and future plans:

Arthur Broadbent was delighted to finally visit Innsbruck University for his BritInn fellowship in March 2022, after multiple pandemic-related postponements. He was hosted by Prof. Michael Bahn, and the goal of the fellowship was to promote joint research and plan for future collaboration. Dr. Broadbent gave a well-attended lecture about their joint research on winter climate change and native shrub invasion impacts in alpine grasslands, which initiated an interesting discussion. He also organised and led meetings with current and future collaborators from Prof. Bahn's lab and beyond, to discuss recent research outcomes and plan for future experiments. It was agreed that the time was right to apply for an independent research fellowship, in close collaboration with Innsbruck University, with multiple research avenues discussed. After the meeting, Arthur Broadbent, Michael Bahn and the project collaborators went on the search for potential new alpine field sites for future winter climate change experiments, including locations near a long-term field site at the Stubai-Gletscher (see photo). There was also time to stop by the BritInn office and thank the BritInn team for being understanding about the postponements, and to talk about the BritInn fellowship.

In conclusion, a successful and inspiring visit!



**Picture Credits:** Andrea Bahn