1

- 1. The climate
- 2. The topography
- 3. The geology

Introduction

In this report, we will explore the various factors that influence *fluid dynamics* in glaciers and how they contribute to the formation and behaviour of these natural structures.

The equation $Q=\rho Av+C$ defines the glacial flow rate.

Total displaced soil by glacial flow:

$$7.32\beta + \sum_{i=0}^{\nabla} \frac{Q_i}{2}$$

$$v \coloneqq \begin{pmatrix} x_1 \\ x_2 \\ x_3 \end{pmatrix}$$

$$\int \left(\frac{x+y}{2}\right)$$