1. 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.

This report is embedded in the ARTOS ArtosFlow project. ARTOS ArtosFlow is a project of the Artos Institute.

1.1. Sub heading

New paragraph

2. Background

In the case of glaciers, fluid dynamics principles can be used to understand how the movement and behaviour of the ice is influenced by factors such as temperature, pressure, and the presence of other fluids (such as water).

2.0.1. Sub sub heading

And some text to go with it.

2.0.1.1. Sub sub sub heading?

Is it? Or not.

2.0.1.1.1. Looks the same

Glaciers as the one shown in Figure 1 will cease to exist if we don't take action soon.

1. The Climate
   - Temperature
   - Precipitation
2. The Topography
3. The Geography

Glaciers form an important part of the Earth's climate system.

Figure 1: *Glaciers* form an important part of the Earth's climate system.

3. Some mafs

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

The flow rate of a glacier is defined by the following equation:

$$Q = \rho A v + C$$

The flow rate of a glacier is given by the following equation:

$$Q = \rho A v + \text{time offset}$$

Total displaced soil by glacial flow:

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

Total displaced soil by glacial flow:

$$7.32\beta + \sum_{i=0}^{\nabla} \frac{Q_{i}(a_{i} - \varepsilon)}{2}$$

$$v := \begin{pmatrix} x_{1} \\ x_{2} \\ x_{3} \end{pmatrix}$$

$$a \rightsquigarrow b$$