

Introduction

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

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

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



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