



## The causes of glacial advance

Increase in the flow of the glacier

On the glacier only a small part of the snow fallen during the year melts

The water that exits the glacier mouth decreases

The volume of the glacier changes (mass increase)

The glacier tongue advances

Decrease of ice melting in the lower part of the glacier

Increase of the ice weight and pressure in the feeding area of the glacier

Summer temperatures decrease

Glacial advance