

## IB DP Geography – Responding to Climate Change – Lesson 1

Turn to page 451 – 452 of the Geography guide and complete the activities beneath.



Task 1 - Annotate the picture above with factors that affect the susceptibility of vulnerable populations.

Task 2 - What does vulnerability refer to?

Task 3 – Outline the three main factors associated with vulnerability below.


Task 4 – Using the text, outline who the more vulnerable populations within society may be. Try to explain at least two of these in more detail in the space beneath.



Task 5 – Annotate the map below with the names of the vulnerable nations and potential impacts of sea level rise on those places.



Task 6 – Outline briefly the five issues affecting the places above.

1	
2	
3	
4	
5	

## Climate Change – Impacts on Swiss Ski Resorts



Figure 1 - Source, Carbon Brief.

**Task 7** - <https://theweek.com/news/sport/959422/climate-change-alps-end-of-skiing> - Outline the how bad the problem of a lack of snow is from the first paragraph, including 5 pieces of key data.

**Task 8** - Outline how the ski resorts are trying deal with the problem.

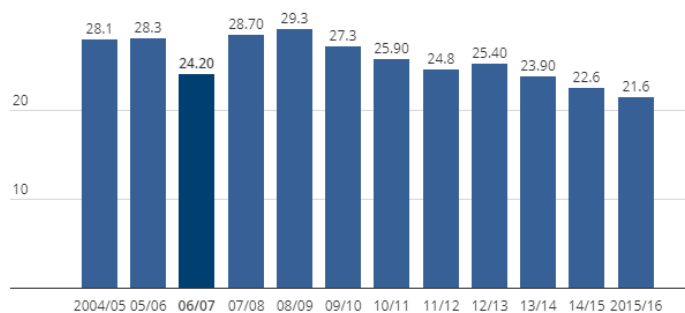
**Task 9** – How bad might it get for Swiss ski resorts in the future? Reference the issue below 1500 metres too.

**Task 10** – To what extent will this impact on winter sports enthusiasts in the future?

**Task 11** – Using the two charts below, describe the trends shown, making reference to key data.

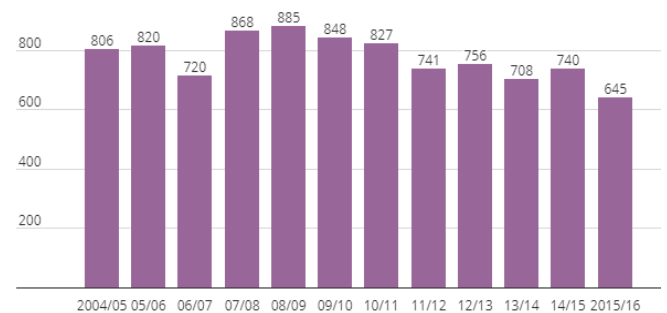
Winter visits at Swiss ski resorts

Ski days in millions



Winter turnover of Swiss cable car companies

In millions of francs



**Task 12** – To what extent do the graphs above justify future tourism developments for the summer season?

## Task 13 - Impacts on the Nunavummiut – Northern Canada

Impacts on cultural identity

Impacts on Traditional Activities

Impacts on Food Security



Use this link to complete activities: <https://www.climatechangenunavut.ca/en/understanding-climate-change/climate-change-impact>

Impacts on Health and Diseases

Impacts on Heritage and Special Places

Impacts on Transportation