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| **IB DP Geography – Responding to Climate Change – Lesson 1** |

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



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

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| Task 2 - What does vulnerability refer to?  |
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| Task 3 – Outline the three main factors associated with vulnerability below.  |
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| 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. |



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



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| Task 6 – Outline briefly the five issues affecting the places above.  |
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| **Climate Change – Impacts on Swiss Ski Resorts** |



Figure - Source, Carbon Brief.

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| **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.  |

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| **Task 8** - Outline how the ski resorts are trying deal with the problem.  |
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| **Task 9** – How bad might it get for Swiss ski resorts in the future? Reference the issue below 1500 metres too.  |
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| Task 10 – To what extent will this impact on winter sports enthusiasts in the future?  |
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| **Task 11** – Using the two charts below, describe the trends shown, making reference to key data.  |
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| **Task 12** – To what extent do the graphs above justify future tourism developments for the summer season?  |
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| **Task 13 - Impacts on the Nunavummiut – Northern Canada**  |

 

Impacts on Transportation

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

Impacts on Heritage and Special Places

Impacts on Health and Diseases

Impacts on Traditional Activities

Impacts on cultural identity

Impacts on Food Security