



NAN HUA HIGH SCHOOL
PRELIMINARY EXAMINATION 2025

CANDIDATE

NAME

CENTRE
NUMBER

CLASS

INDEX
NUMBER

HUMANITIES

2260/02

Paper 2 Geography

27 August 2025
1 hour 45 minutes

Candidates answer on the Question Paper.

Additional Materials: Insert

READ THESE INSTRUCTIONS FIRST

Write your centre number, index number and name on all the work you hand in.

Write in dark blue or black pen.

You may use a pencil for any diagrams or graphs.

Calculators may be used for this paper.

Do not use staples, paper clips, glue or correction fluid.

S	2	3	8	6
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Answer three questions in total

Section A

Answer Question 1 **and** Question 2

Section B

Answer **either** Question 3 **or** Question 4

The number of marks is given in brackets [] at the end of each question or part question.

This document consists of **17** printed pages and **3** blank pages

Section A

Answer Question 1 **and** Question 2

1. Geography in Everyday Life

- a(i)** Study Fig. 1.1 (Insert), which shows a photograph of Bidadari Park in Singapore.

Using Fig. 1.1, explain how residents living nearby can benefit from the regulating ecosystem services provided by Bidadari Park.

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- (ii)** Describe how human activities can bring benefits to green spaces such as parks.

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- b(i)** Study Fig. 1.2 (Insert), which shows a photograph of Choa Chu Kang Central in

Singapore.

Using Fig. 1.2, explain how the facilities in Choa Chu Kang Central can bring about economic sustainability in the neighbourhood.

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- (ii) Describe one way in which buildings in urban neighbourhoods can be designed to be environmentally sustainable.

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- c. Some students from Gao Zhong High School wanted to conduct an investigation to find out if the number of activities organised by the neighbourhood Community Centre (CC) helps to strengthen the relationships among the local residents.

They walked around different precincts to conduct interviews from 8am to 9am every weekend, over a period of one month. They approached a total of 200 participants using the simple random sampling method. The participants were asked to fill in a simple questionnaire, shown in Fig. 1.3 (Insert).

- (i) Suggest a suitable hypothesis for their geographical investigation.

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- (ii) Evaluate the data collection process used in the investigation.

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- (iii) Describe the potential risks faced by the students during the data collection process.

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[Total: 14m]

2. Tourism

- a(i)** Study Fig. 2.1 (Insert), which shows the numbers of travellers in Spain between 1999 and 2022.

Using Fig. 2.1, describe the trend of travellers in Spain between 1999 to 2022.

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- (ii)** With reference to Fig. 2.1, explain how the trend of travellers in Spain could have been affected by global events.

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- b(i)** Study Fig. 2.2 (Insert), which shows how locals in some countries have responded to the issue of overtourism in their country.

With reference to Fig. 2.2, explain how tourists and locals can mutually affect each other.

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- (ii)** Describe how tourism can lead to positive environmental impacts in the destination region.

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- c** “A high disposable income is the main factor that generates tourists from

developed countries”.

To what extent do you agree with this statement? Explain your answer.

This image shows a full page of primary-ruled paper. It features multiple horizontal rows, each defined by two parallel dashed lines. The rows are evenly spaced across the entire page, providing a guide for handwriting practice. There are no margins, text, or other markings present.

[9]

[Total: 18m]

Section B

Answer **either** Question 3 **or** Question 4

3. Climate

- a(i)** Study Fig. 3.1 (Insert), which shows the temperatures of two cities, Guayaquil and Quito, which are located in Ecuador at similar latitudes.

Using data from Fig. 3.1, compare the differences in temperatures experienced at the two cities.

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- (ii)** With reference to Fig. 3.1, account for the difference in the climate of the two cities located on similar latitudes.

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- b(i)** Study Fig. 3.2, which shows the change in global average sea temperature from 1880 to 2024.

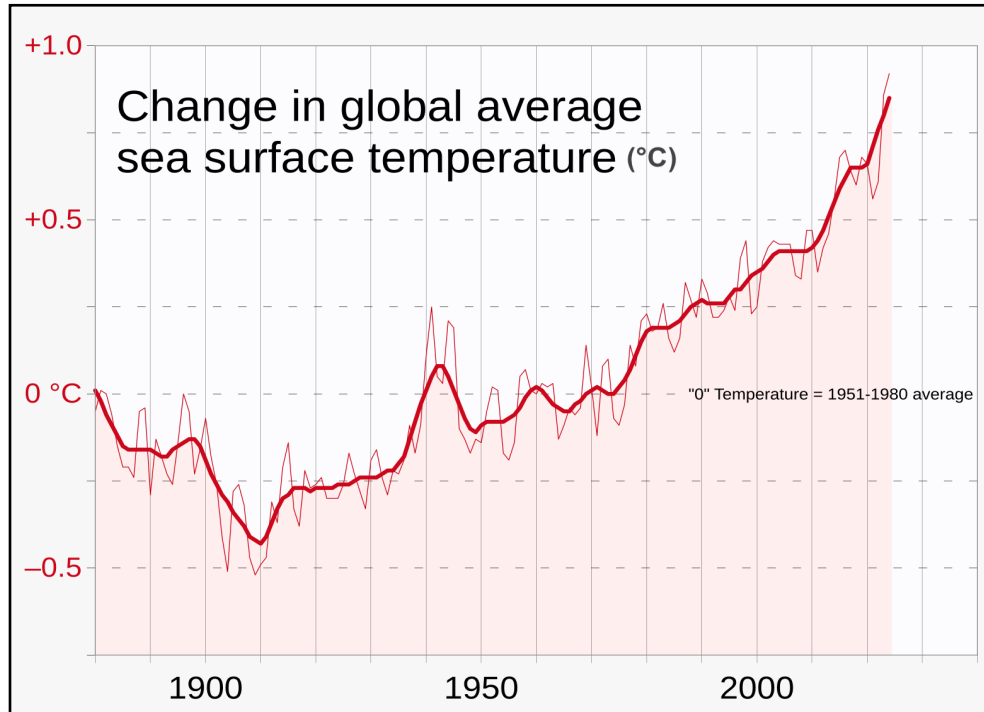


Fig. 3.2

Using Fig. 3.2, describe how global average sea surface temperatures have changed since 1880.

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b(ii) Explain how the burning of fossil fuels has accelerated climate change. Use examples to support your answer.

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- c** Study Fig. 3.3 (Insert), which shows a poster promoting the use of solar energy.
- With the help of Fig. 3.3, discuss the effectiveness of using solar energy as a clean energy source.

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- d** Explain the impacts of climate change on human systems.

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[Total: 18m]

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Question 4 starts on Page 14

4. Tectonics

- a(i)** Study Fig. 4.1 (Insert), which shows the magnitude of the earthquakes in Turkiye from 1900 to 2020, as well as the number of recorded deaths from those earthquake events.

Using Fig. 4.1, describe the relationship between the magnitude of the earthquake

and the number of recorded deaths.

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- (ii)** With reference to Fig. 4.1, explain how soil and rock properties can lead to variations in the social impacts of an earthquake.

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- b** Evaluate the effectiveness of using land-use planning to build community resilience against earthquakes.

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- c(i)** Study Fig. 4.2 (Insert), which shows the Hawaiian Volcanic Islands in the Pacific Ocean.

Using Fig. 4.2, account for the differences in the age of the Hawaiian Volcanic Islands.

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- (ii)** Mauna Loa and Kilauea are two shield volcanoes that are found along the Hawaiian Volcanic Islands.

With reference to Fig. 4.2, explain how silica content can affect the physical features and nature of eruptions for Mauna Loa and Kilauea.

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- d(i)** Study Fig. 4.3 (Insert), which shows the percentage of the source of energy consumption from different sources in Iceland from 1940 to 2020.

Using data from Fig. 4.3, describe the trend of the consumption of geothermal energy as an energy source in Iceland from 1940 to 2020.

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- (ii)** With reference to Fig. 4.3, explain how volcanoes can be beneficial for a country.

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[Total: 18m]

Additional Page

If you use the following page to complete the answer(s) to any question(s), the question number(s) must be clearly shown.

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Additional Page

If you use the following page to complete the answer(s) to any question(s), the question number(s) must be clearly shown.

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End of paper

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Copyright Acknowledgements:

- Question 1 Fig. 1.2 https://landtransportguru.net/ns1_ns4_may16-3/
Question 2 Fig. 2.1 <https://www.mdpi.com/2073-445X/12/8/1494>
Question 2 Fig. 2.2 <https://www.the-sun.com/news/13966463/worlds-anti-tourist-hotspots-brit-holidays-summer/>
Question 3 Fig. 3.1 http://www.goes.gov/users/comet/tropical/textbook_2nd_edition/media/graphics/guay_quito_topo.jpg
Question 3 Fig. 3.2 https://commons.wikimedia.org/wiki/File:1880-_Global_average_sea_surface_temperature_-_global_warming.svg
Question 3 Fig. 3.3 <https://www.instagram.com/p/DHu2165M2NX/?api=1%2F&hl=zh-cn>
Question 4 Fig. 4.1 https://media.cnn.com/api/v1/images/stellar/prod/6cb0f8c3-9a34-4e33-8824-2f610521444b.png?q=h_1208,w_1600,x_0,y_0/w_1280
Question 4 Fig. 4.2 <https://www.coolgeography.co.uk/A-level/AQA/Year%2013/Plate%20Tectonics/Plate%20tectonics/Hotspots.htm>
Question 4 Fig. 4.3 https://temblor.net/temblor/volcano-near-evacuated-iceland-town-finally-erupts-15846/attachment/statsis_energyconsumptionbysource/



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HUMANITIES

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Paper 2 Geography

INSERT

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1 hour 45 minutes

READ THESE INSTRUCTIONS FIRST

This Insert contains additional resources referred to in the questions.

This document consists of **11** printed pages and **1** blank page

Fig. 1.1 for Question 1

Photograph of Bidadari Park, Singapore



Fig. 1.2 for Question 1

Photo Choa Chu Kang Central, Singapore



Fig. 1.3 for Question 1

Questionnaire for Geographical Investigation

Relationship between No. of activities participated in, and relationship with neighbours

* Indicates required question

How many activities have you joined in the Community Centre? *

☐ 0-2

☐ 3-5

☐ 6-8

☐ 9-11

☐ More than 12

Do you feel close to your neighbours? *

☐ Yes

☐ No

Submit

Clear form

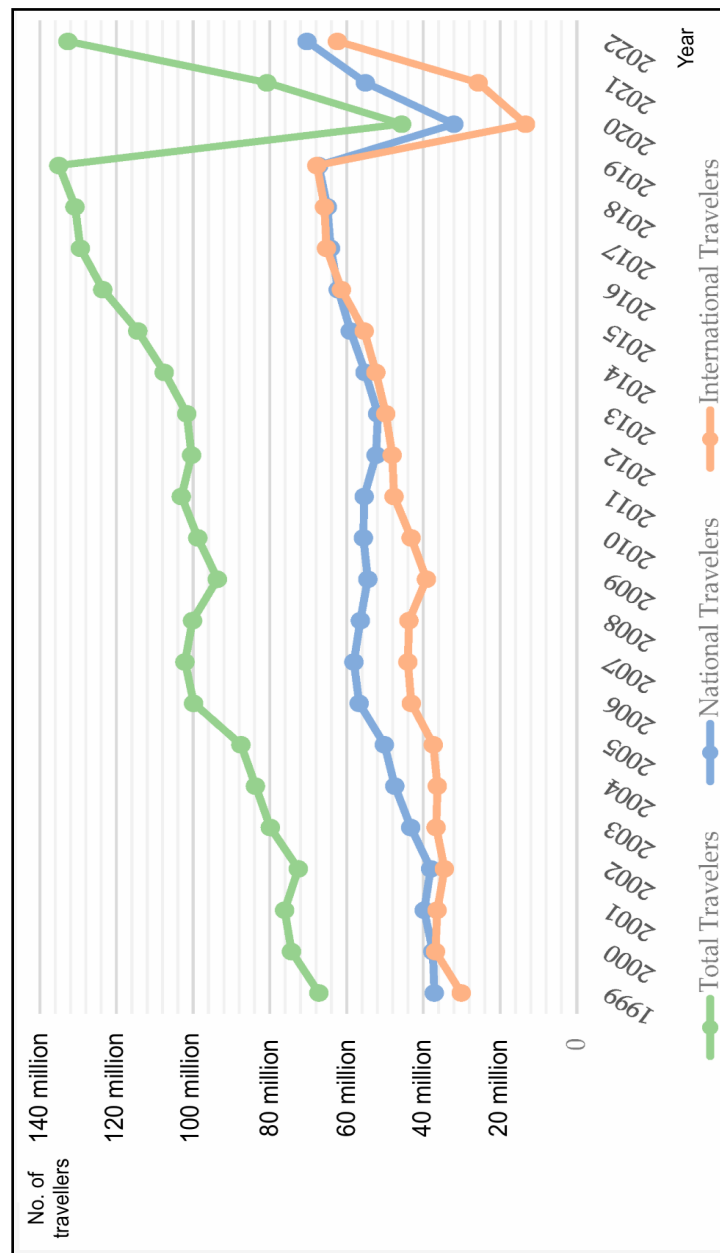


Fig. 2.2 for Question 2

Responses to the issue of overtourism in some countries

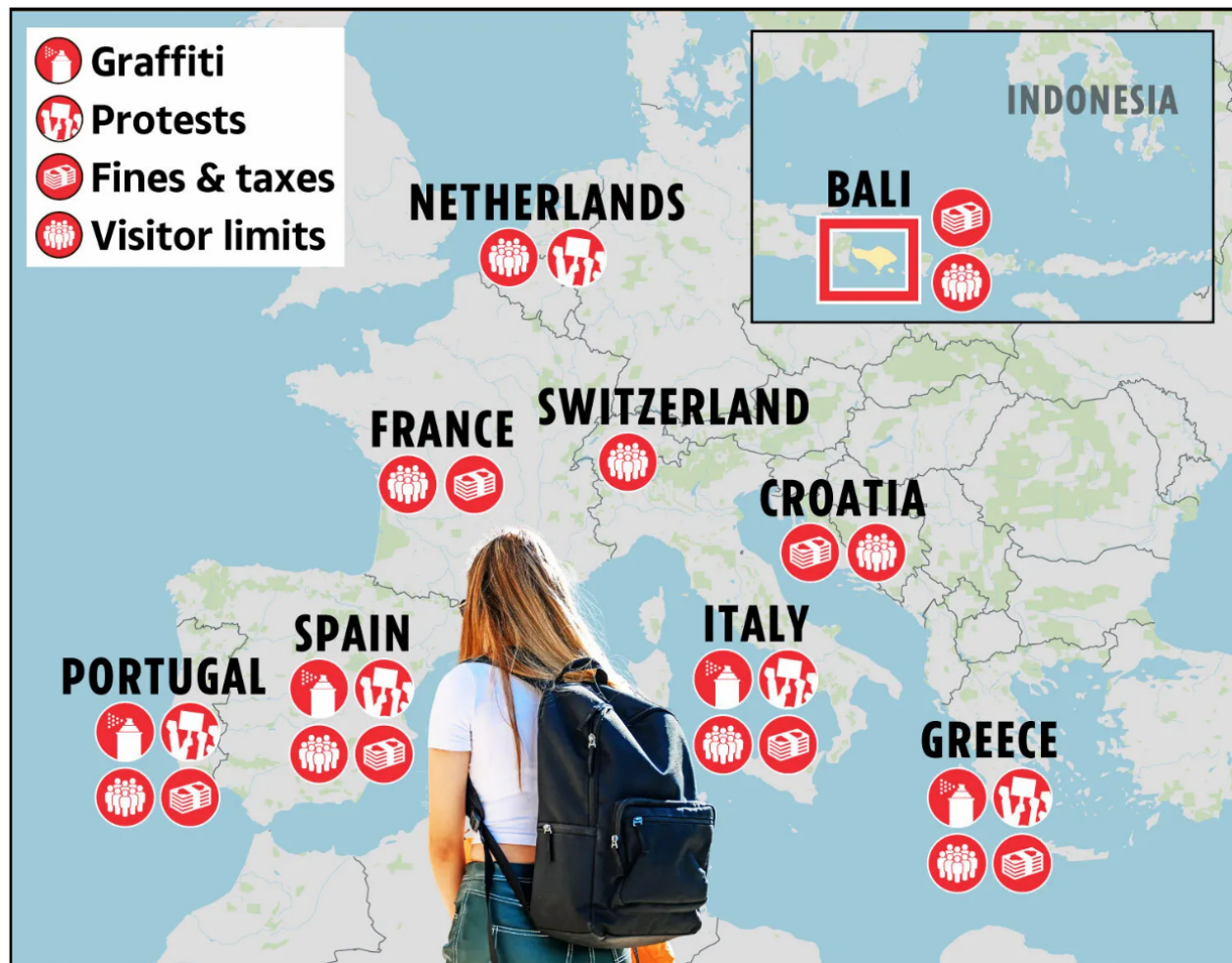


Fig. 3.1 for Question 3

Monthly Mean Temperature (°C) in Guayaquil and Quito, Ecuador

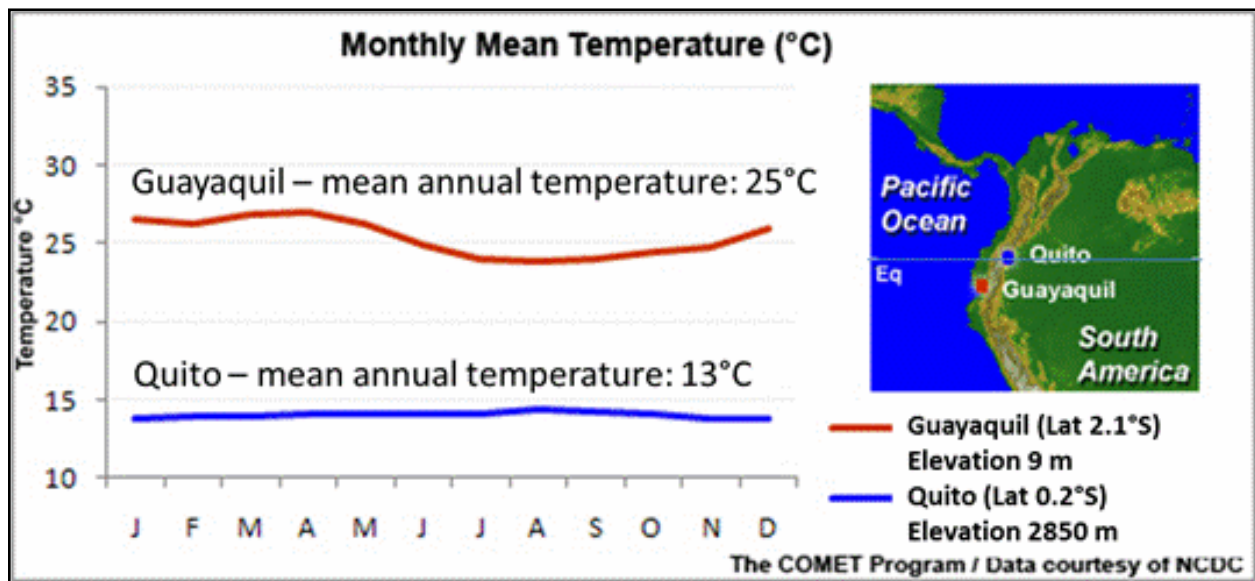


Fig. 3.3 for Question 3

A poster promoting the use of solar energy

 **SOLAR**
CENTRUM ENERGY

Solar Isn't Just Clean, It's Profitable



**Save Upto 90%
on Electricity Bill**

For more info:
+92 331 3585550

Visit our website:
www.solarcentrumenergy.com

Follow us on social media
  

Fig. 4.1 for Question 4

Magnitude of earthquakes and recorded number of deaths in Turkey, 1900 - 2020

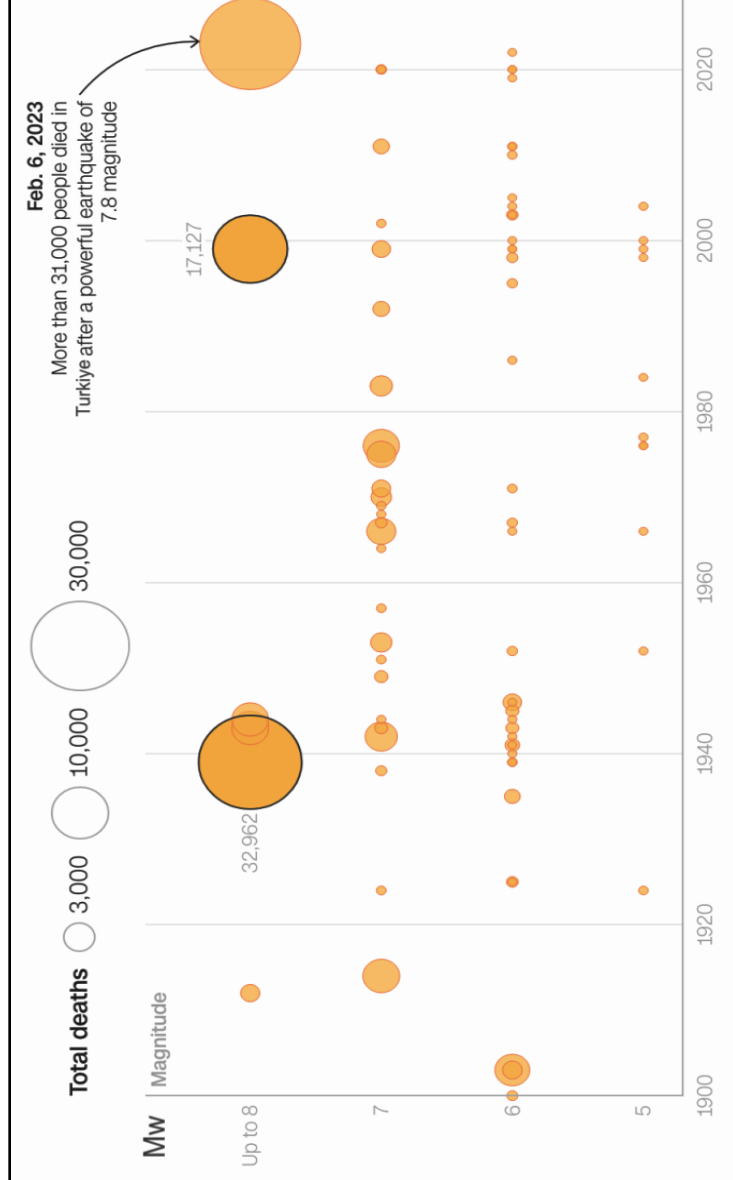


Fig. 4.2 for Question 4

Hawaiian Volcanic Islands, Pacific Ocean

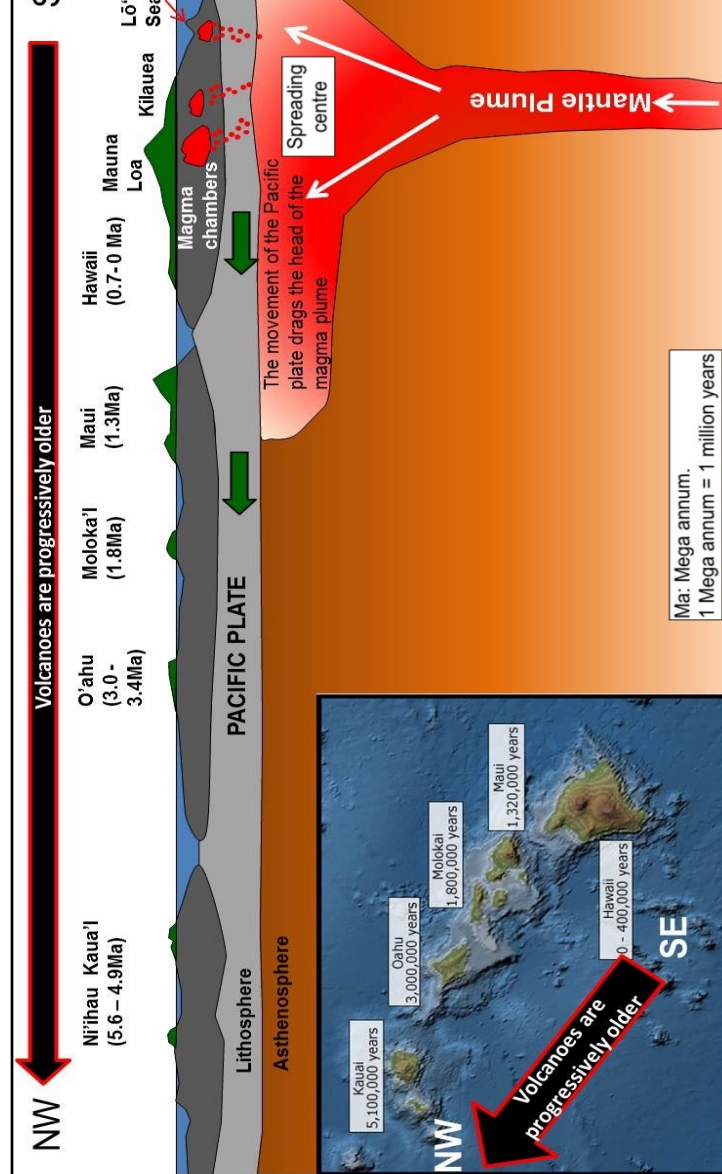
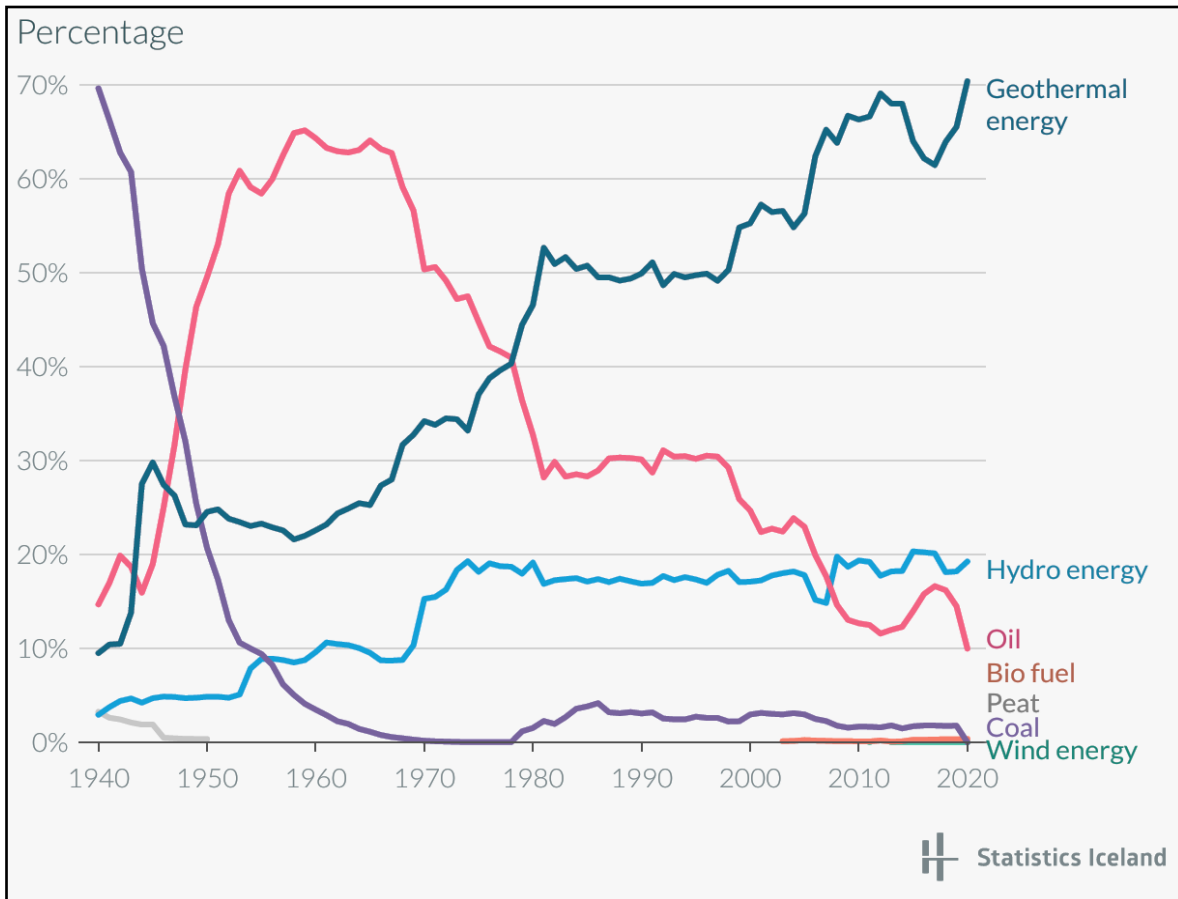


Fig. 4.3 for Question 4

Percentage of energy consumption from different sources in Iceland, 1940 - 2020



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Copyright Acknowledgements

Question 1 Fig. 1.2	https://landtransportguru.net/nsl_ns4_may16-3/
Question 2 Fig. 2.1	https://www.mdpi.com/2073-445X/12/8/1494
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Question 3 Fig. 3.1	http://www.goes-r.gov/users/comet/tropical/textbook_2nd_edition/media/graphics/guay_quito_topo.jpg
Question 3 Fig. 3.2	https://commons.wikimedia.org/wiki/File:1880-_Global_average_sea_surface_temperature_-_global_warming.svg
Question 3 Fig. 3.3	https://www.instagram.com/p/DHu2165M2NX/?api=1%2F&hl=zh-cn
Question 4 Fig. 4.1	https://media.cnn.com/api/v1/images/stellar/prod/6cb0f8c3-9a34-4e33-8824-2f610521444b.png?q=h_1208,w_1600,x_0,y_0/w_1280
Question 4 Fig. 4.2	https://www.coolgeography.co.uk/A-level/AQA/Year%2013/Plate%20Tectonics/Plate%20tectonics/Hotspots.htm
Question 4 Fig. 4.3	https://temblor.net/temblor/volcano-near-evacuated-iceland-town-finally-erupts-15846/attachment/statsis_energyconsumptionbysource/