

# iGeo 2022 MMT

0% (0/40)

✗ 1. In what country were these photographs taken?

0/1 PUNT

- A Greenland
- B Iceland
- C Norway
- D Sweden



✗ 2. Once a year, only briefly, 99% of the world's population will be in the Sun. About 6.4 billion people in the daytime, while more than 1.2 billion people experience twilight.

**What is this specific moment?**

0/1 PUNT

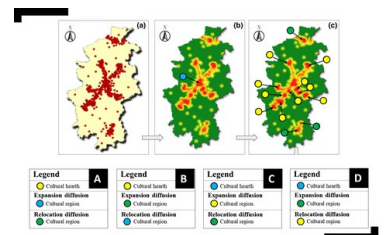
- A 11:14 UTC on January 8th.
- B 11:14 UTC on April 8th.
- C 11:14 UTC on July 8th.
- D 11:14 UTC on October 8th.



✗ 3. Which legend fits these maps on cultural diffusion?

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- A legend A
- B legend B
- C legend C
- D legend D

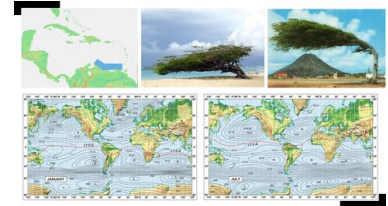


- ✗ 4. The divi-divi is a native Caribbean tree on the Leeward Antilles (indicated blue on the map). Its growth is strongly influenced by the trade winds that batter the exposed coastal sites where it often grows.

**In which direction are both pictures taken?**

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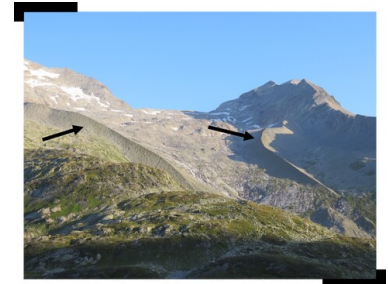
- A northwest (NW)
- B northeast (NE)
- C southeast (SE)
- D southwest (SW)



- ✗ 5. The ridges indicated with arrows are:

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- A arêtes
- B eskers
- C a hanging valley
- D lateral moraines



- ✗ 6. The *Scala di Turchi* (Turkish staircase) rock formation on the southern coast of Sicily (Italy) show a 21,000 year cycle of white-grey-white-beige layers.

**To which climate variable are these cycle related?**

0/1 PUNT

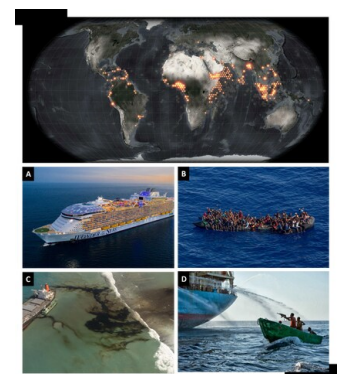
- A axial tilt or obliquity
- B eccentricity
- C solar flares
- D precession



- ✗ 7. To which image does this map relate?

0/1 PUNT

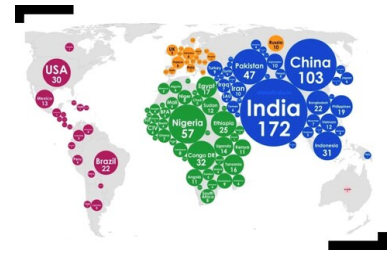
- A image A
- B image B
- C image C
- D image D



✗ 8. This map shows:

0/1 PUNT

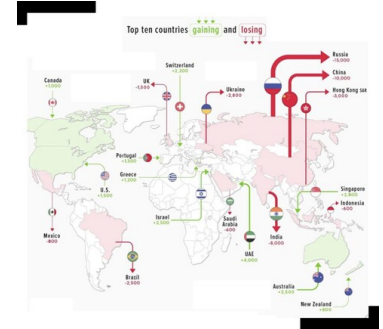
- A Where the next 1000 babies will be born.
- B Where the next 1000 languages will disappear.
- C Where the next 1000 intercultural marriages will take place.
- D Where the next 1000 new factories will open.



✗ 9. On which specific group is this migration map?

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- A nuclear scientists migration
- B millionaire migration
- C olympic athletes migration
- D university professor migration



✗ 10. Tour du France stage 13 on 15.07.2022: a ride from Le Bourg D'Oisians to Saint-Étienne.

**Which elevation profile corresponds to the 13th stage of the Tour du France?**

0/1 PUNT

- A profile A
- B profile B
- C profile C
- D profile D



✗ 11. The 2002 eruption of the Etna volcano was used as background in the movie *StarWars Episode III – Revenge of the Sith*.

**What type of eruption is shown on the pictures?**

0/1 PUNT

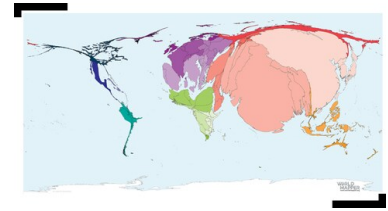
- A Surtsey type
- B Hawaiian type
- C Strombolian type
- D Plinian type



✗ 12. In this map countries are sized by:

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- A CO<sub>2</sub>-emissions.
- B amount of money which is spend on military.
- C average education level.
- D wealth 2021 years ago.

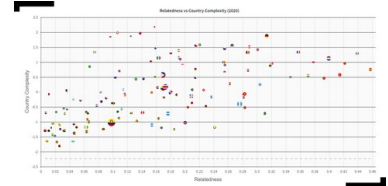


✗ 13. The Complexity-Relatedness diagram compares the risk and the strategic value of a product's potential export opportunities.

*Relatedness* is predictive of the probability that a country increases its exports in a product.

*Complexity*, is associated with higher levels of income, economic growth potential, lower income inequality, and lower emissions.

Note: the size of the circle is indicating the absolute value of the export.



**For which product is this complexity-relatedness diagram?**

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- A bananas
- B crude oil
- C computer chips
- D wine

✗ 14. On average, the greatest output from the wind farm shown in the diagram occurs during:

0/1 PUNT

- A autumn evenings
- B spring evenings
- C summer afternoons
- D winter afternoons

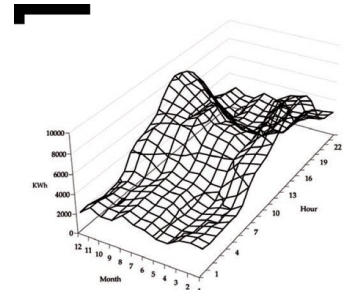
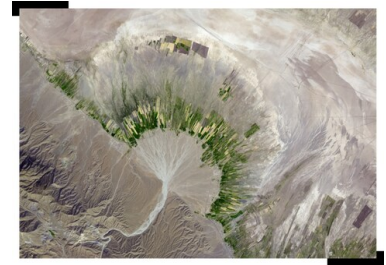


Figure 1: Seasonality in mean half-hourly wind power output from a wind farm in the southern hemisphere.  
Source: H Swanaga and M Langford

✗ 15. The feature in the satellite image has been formed primarily due to:

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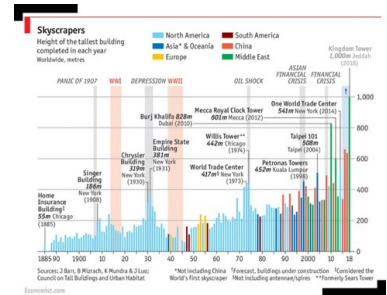
- A an abrupt change in slope
- B a change in the rainfall pattern
- C bioturbation
- D a large landslide



✗ 16. Which geographic concept best describes the development in this figure?

0/1 PUNT

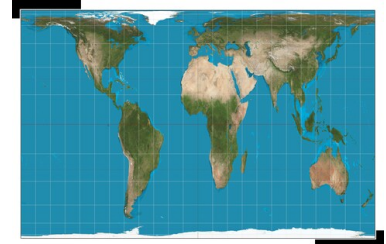
- A cultural assimilation
- B global shift
- C urban densification
- D urban heat island



✗ 17. The world map according to the Gall-Peters projection. Which statement is true?

0/1 PUNT

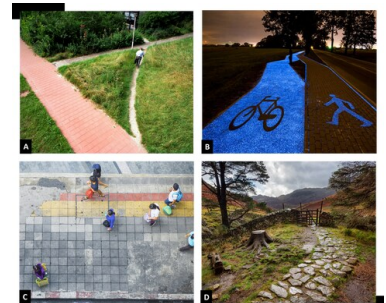
- A On this map, you have an exact view of the continent's outlines.
- B On this map, you have an exact view of the continent's surfaces.
- C On this map, equal distances north-south and east-west correspond to equal distances in reality.
- D On this map, the path of the shortest distance EW between two places, corresponds to the path of the shortest distance between these places in reality.



✗ 18. What picture fits best to what is called a 'desire line' or 'elephant path' in urban traffic design?

0/1 PUNT

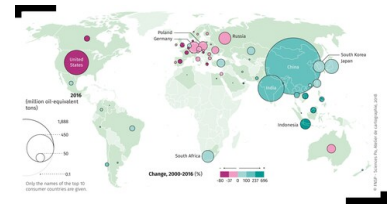
- A picture A
- B picture B
- C picture C
- D picture D



✗ 19. The map shows the worldwide consumption in 2016 and the change from 2000 to 2016 of which energy source?

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- A coal
- B natural gas
- C peat
- D solar energy



✗ 20. What explains the different colours of this salt pond?

0/1 PUNT

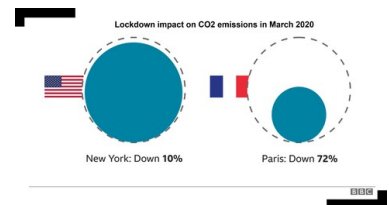
- A Alga that develop in middle- to high-salinity ponds.
- B Chemical treatments used to eliminate bacteria from the salt.
- C Protective canvas covering the ponds.
- D High concentration of shellfish.



✗ 21. Why was there such a dramatic difference between these two cities regarding CO2 emissions?

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- A Paris' public transportation system is more efficient than New York's.
- B New York does not have any fossil fuel plants within city limits.
- C The U.S.A. had fewer people participate in lockdown restrictions.
- D France's main source of electricity is nuclear power.



✗ 22. Which cartoon relates best to the type of city renewal shown in the satellite images?

0/1 PUNT

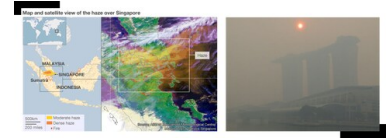
- A cartoon A
- B cartoon B
- C cartoon C
- D cartoon D



✗ 23. What is the most appropriate scale-level of the haze problem in Singapore?

0/1 PUNT

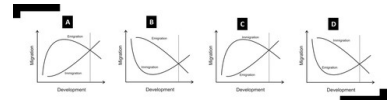
- A local
- B national
- C transboundary
- D global



✗ 24. Which diagram shows the transition in international migration driven by development of a country?

0/1 PUNT

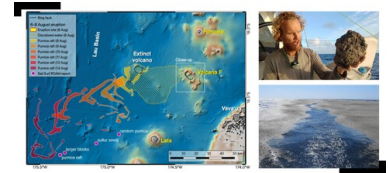
- A diagram A
- B diagram B
- C diagram C
- D diagram D



✗ 25. After the eruption of the *Hunga Tonga–Hunga Ha’apai volcano* (Tonga) a large pumice raft occurred in the Pacific Ocean. What is the direct cause of the pumice raft to change position between 8 and 14 August?

0/1 PUNT

- A ocean currents
- B tides
- C waves
- D wind

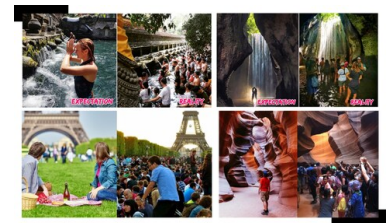


✗ 26. #instagramvsreality is used by people to show the 'image' of places on Instagram\* and reality. (Instagram is a social media platform.)

For which type of tourism does the #instagramvsreality especially counts?

0/1 PUNT

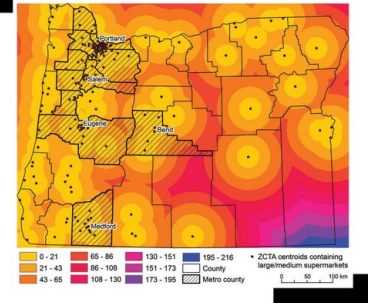
- A dark tourism
- B ecotourism
- C honeypot tourism
- D pilgrimage tourism



✗ 27. This map, based on a ZIP Code Tabulation Area (ZCTA) analysis depicts:

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- A commodities distribution
- B Von Thunen circle
- C Weber's distribution
- D food desert



✗ 28. This act of kneeling, is a form of protest against what kind of issue?

0/1 PUNT

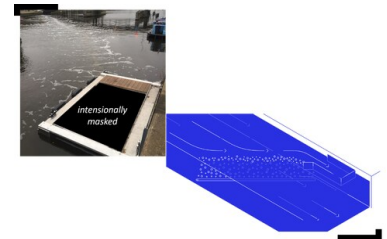
- A corruption and unfair play in sports
- B racially motivated violence against black people
- C act of mourning of one's death
- D paying tributes to veteran



✗ 29. What is the main purpose of this air bubble barrier?

0/1 PUNT

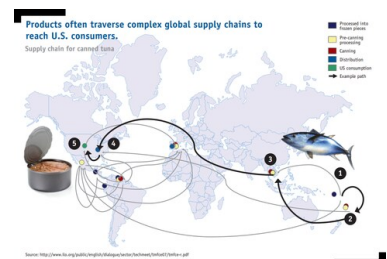
- A To catch fresh water fish as a way of urban farming.
- B To prevent salt water to intrude into the fresh water areas.
- C To prevent macro plastics to enter the ocean.
- D To divert peak discharges.



✗ 30. The yellow and red dots are part of:

0/1 PUNT

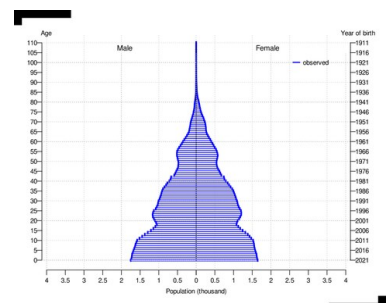
- A the primary sector
- B the secondary sector
- C the tertiary sector
- D the quaternary sector



✗ 31. This population graphs shows demographic information for:

0/1 PUNT

- A Kenya
- B Kiribati
- C Kuwait
- D Kyrgyzstan

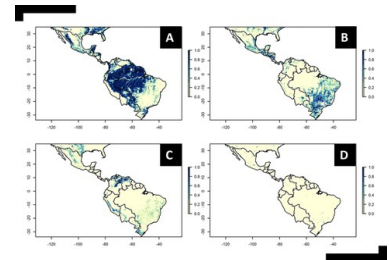




✗ 32. Which map is showing agricultural landuse (crops)?

0/1 PUNT

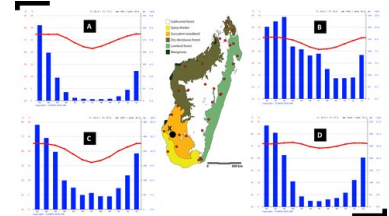
- A map A
- B map B
- C map C
- D map D



✗ 33. Which climate graph corresponds to place X on the island of Madagascar?

0/1 PUNT

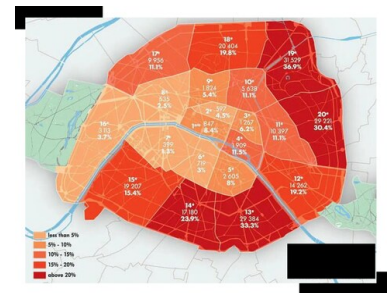
- A climate graph A
- B climate graph B
- C climate graph C
- D climate graph D



✗ 34. What is shown on this map of Paris (France)?

0/1 PUNT

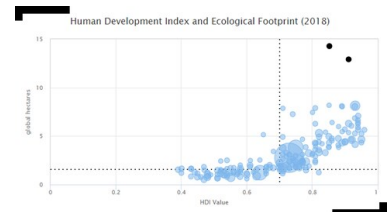
- A % overnight stays of tourists
- B % light pollution
- C % of social housing
- D % of people working in tertiary sector



✗ 35. Which two countries are indicated with black dots in this graph?

0/1 PUNT

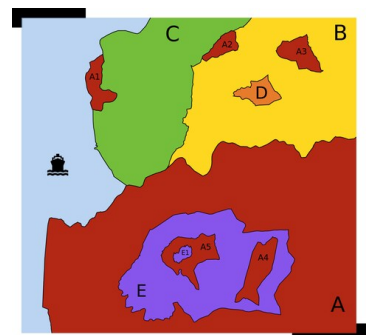
- A Niger and Chad
- B Panama and Fiji
- C Qatar and Luxembourg
- D Uruguay and Argentina



✗ 36. Which statement is TRUE?

0/1 PUNT

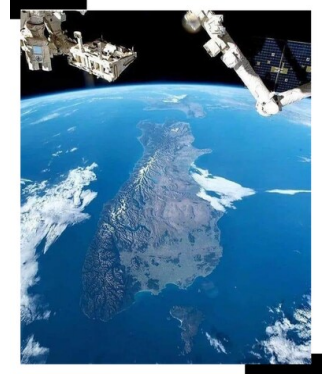
- A Area A2 is an enclave.
- B Area D is an exclave.
- C Area A4 is a counter-exclave of A.
- D Area A1 is a semi-exclave.



✗ 37. This photograph taken from the ISS shows a part of which continent?

0/1 PUNT

- A Asia
- B Africa
- C Central America
- D Oceania



✗ 38. How did the Crowley Lake Columns form?

0/1 PUNT

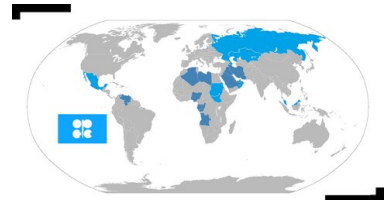
- A Recrystallization of fossilized large stems of fresh water lilies.
- B Differential crystallization during cooling of intrusive mafic magma.
- C Cold water percolating down into, and steam rising up out of hot volcanic ash.
- D Soil texture inversion caused by burrows of moles.



✗ 39. How are these countries connected?

0/1 PUNT

- A AUKUS and AUKUS+
- B MERCOSUR and MERCOSUR+
- C NAFTA and NAFTA+
- D OPEC and OPEC+



✗ 40. The picture shows an exaggerated model of the topography of Earth without water.

Which of the four points marked A-D shows the location of Paris?

0/1 PUNT

- A A
- B B
- C C
- D D

