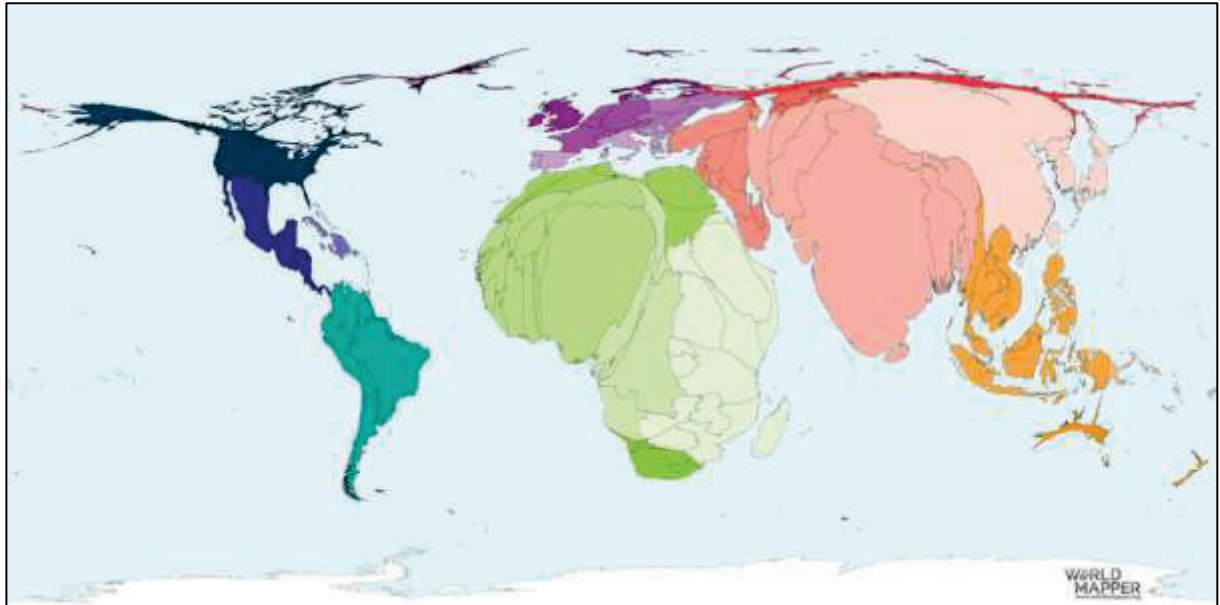


Multi-media-Test 2020 – Vorausscheidungen iGeo

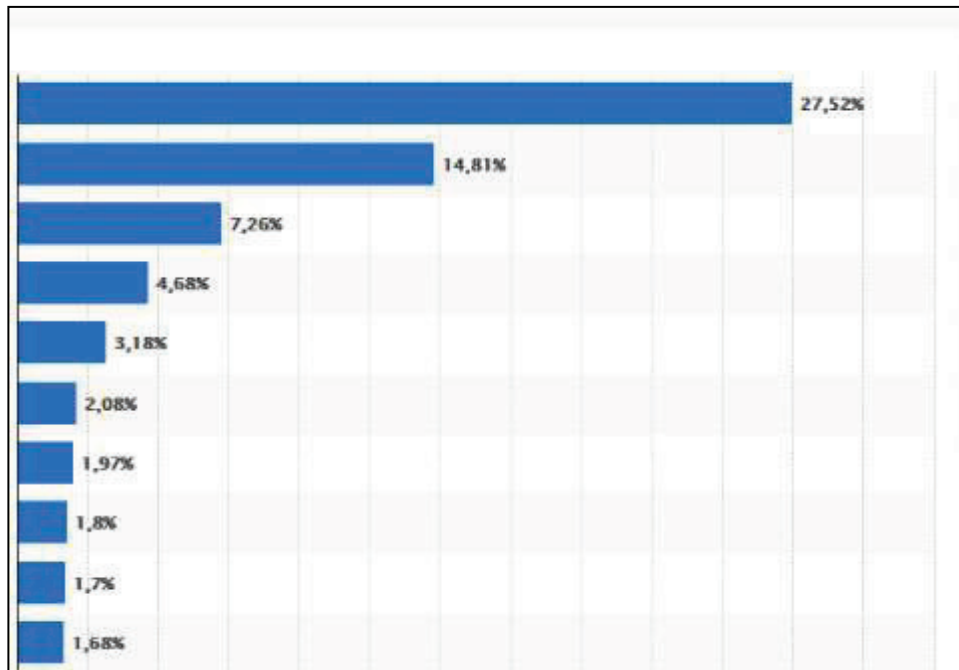
1. What is depicted in the map below?



(Quelle: <https://tinyurl.com/set8267>)

- a. recycled deposits per year
- b. consumption of fossil fuels per capita
- c. **increase of life expectancy between 2015 and 2050**
- d. number of homicides

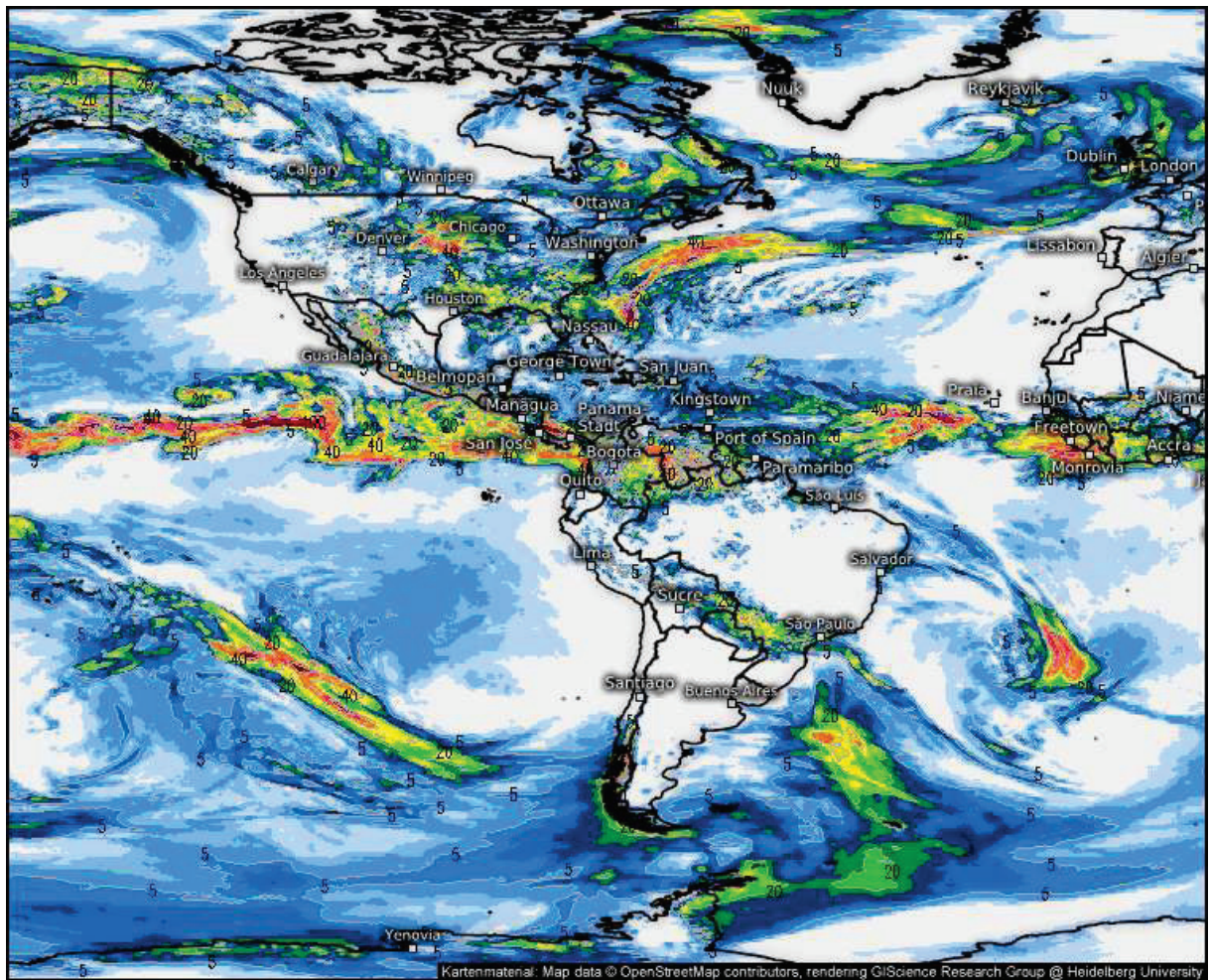
2. The below graph shows the proportion of global CO₂-emissions. What countries are ranks 1 to 3?



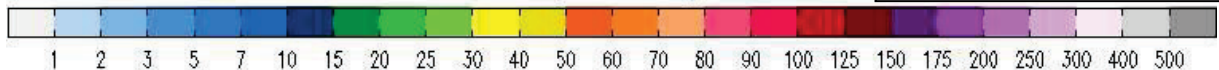
(Quelle: <https://tinyurl.com/y2nug99>)

- a. China, India, USA
- b. China, USA, India
- c. USA, India, China
- d. China, USA, Russia

3. Which month fits best to the satellite picture below?



Akkumulierte Niederschlagsmenge (mm)



(Quelle: <https://preview.tinyurl.com/rnztny5>)

- a. february
- b. may
- c. **august**
- d. november

4. What weather condition is present in Switzerland?



(Quelle: <https://tinyurl.com/vv3vx5p>)

- a. Westwindlage
- b. Südföhnlage
- c. Staulage
- d. Bisenlage

5. The below picture shows the eastern coast of Australia. What is the direction of the wind?

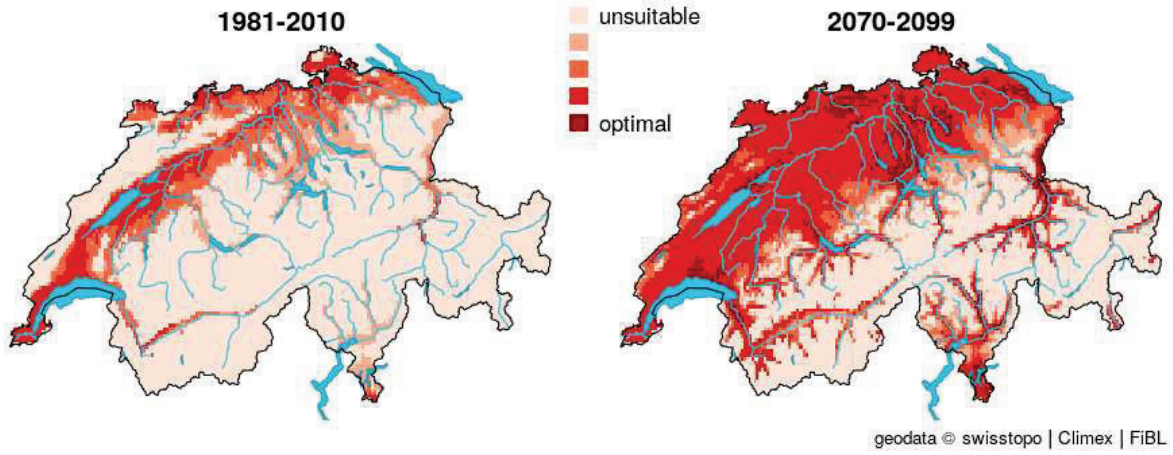


(Quelle: <https://tinyurl.com/wbkkknw>)

- a. North wind
- b. East wind
- c. South wind
- d. West wind

6. Which is not a thematic focus of the SDGs?
- a) Life on Land
 - b) Clean Water and Sanitation
 - c) No Poverty
 - d) Religious Freedom

7. The map shows the suitability of the climate under current and future scenarios for
- brown marmorated stink bugs**
 - viticulture
 - stationary wolf packs
 - rice production



8. When do the clouds shown in the picture normally form?
- a. When a cold front is approaching
 - b. When a warm front is approaching
 - c. When a cold front has just passed
 - d. When a warm front has just passed



https://cdn.pixabay.com/photo/2017/06/10/22/17/cirrus-2390932_960_720.jpg

9. What does the data from 2019 in the figure below show?

- a) Departure and arrival destinations at Zurich airport
- b) Swiss key trading partners for import and export
- c) Origins and destinations of mail from Swiss private households
- d) Origins of leaders and employees in Swiss enterprises



10. How was the pictured stone formed?

- a. Under high pressure and high temperature
- b. Under normal pressure and atmospheric temperature
- c. Under high pressure and atmospheric temperature
- d. Under normal pressure and high temperature



(<https://tinyurl.com/vz4x7ao>)

11. In which climate is the soil on the picture formed?
- a. dry-warm
 - b. dry-polar
 - c. humid-tropical
 - d. humid-temperate



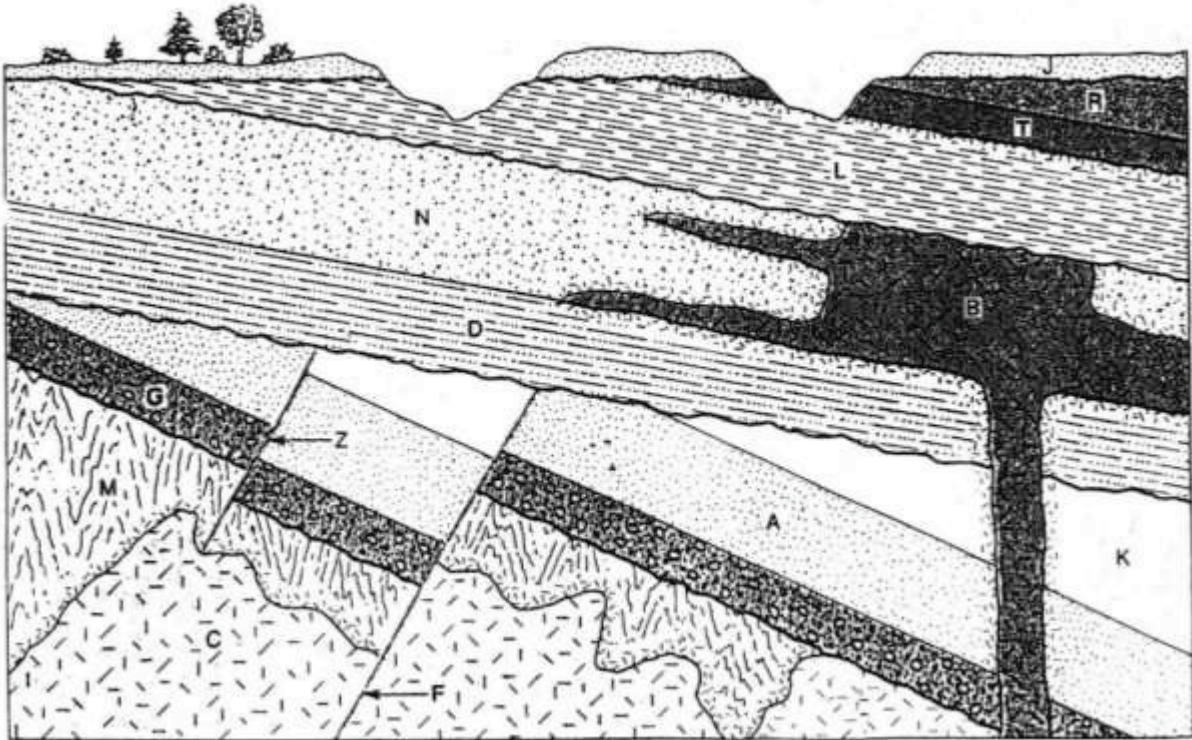
(<https://tinyurl.com/vxyuda9>)

12. Where is the city pictured on the map most likely situated?

- i. Africa
- ii. Europe
- iii. North America
- iv. South America



©marzzgraphics



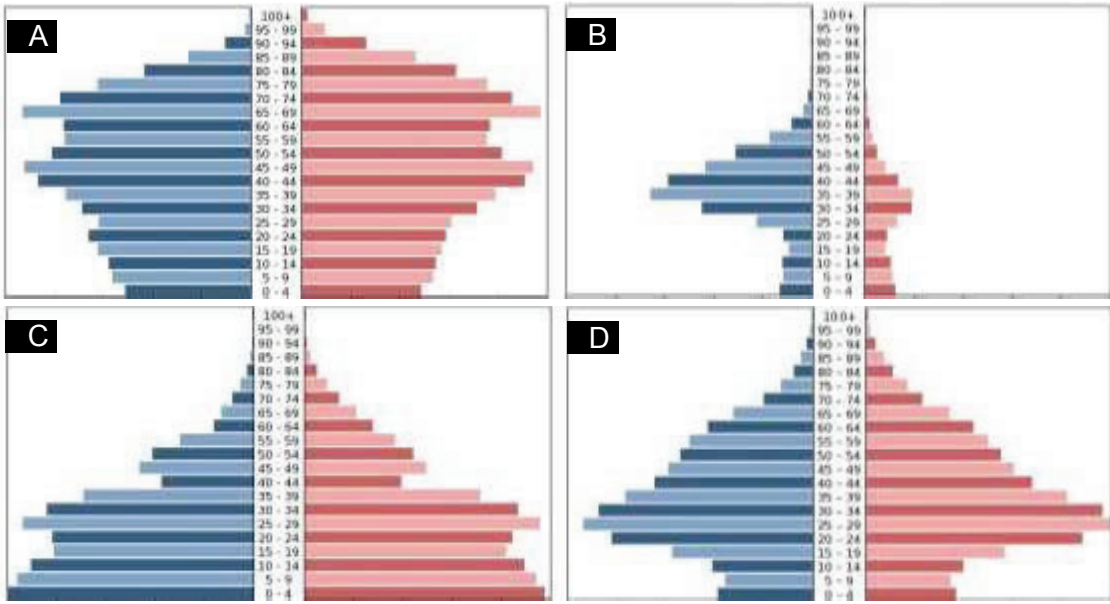
13) Which of the following statements is false?

- Z is older than C
- F is older than Z
- N is older than B
- D is younger than F



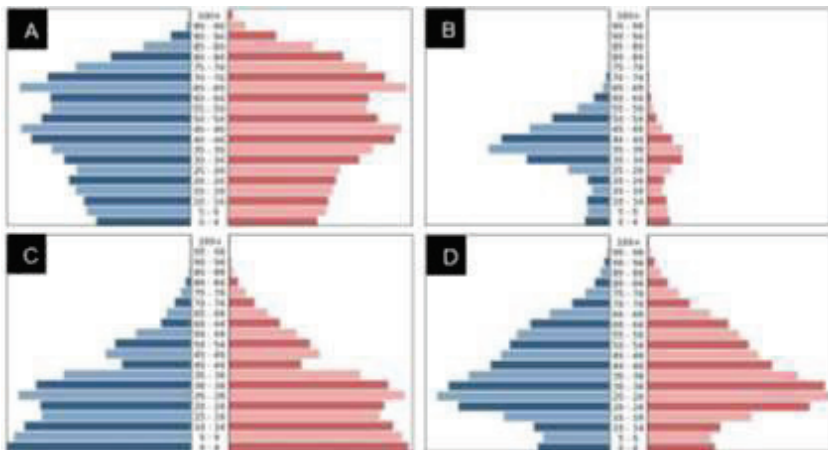
14) Areas as seen in the picture are connected with ...

- **urban sprawl**
- counterurbanization
- gentrification
- urbanization



15) These are the population pyramids of Cambodia, Japan, Singapore and the United Arab Emirates. Which pyramid is the one from the United Arab Emirates?

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





16) The picture shows a tropical storm. On which latitude was the picture most likely taken?

- 40° N
- 15° N
- 15° S
- 40° S



17) Which kind of weathering process is shown in the following picture?

- Ocean waves
- Thermal stress
- Haloclasty
- Biological

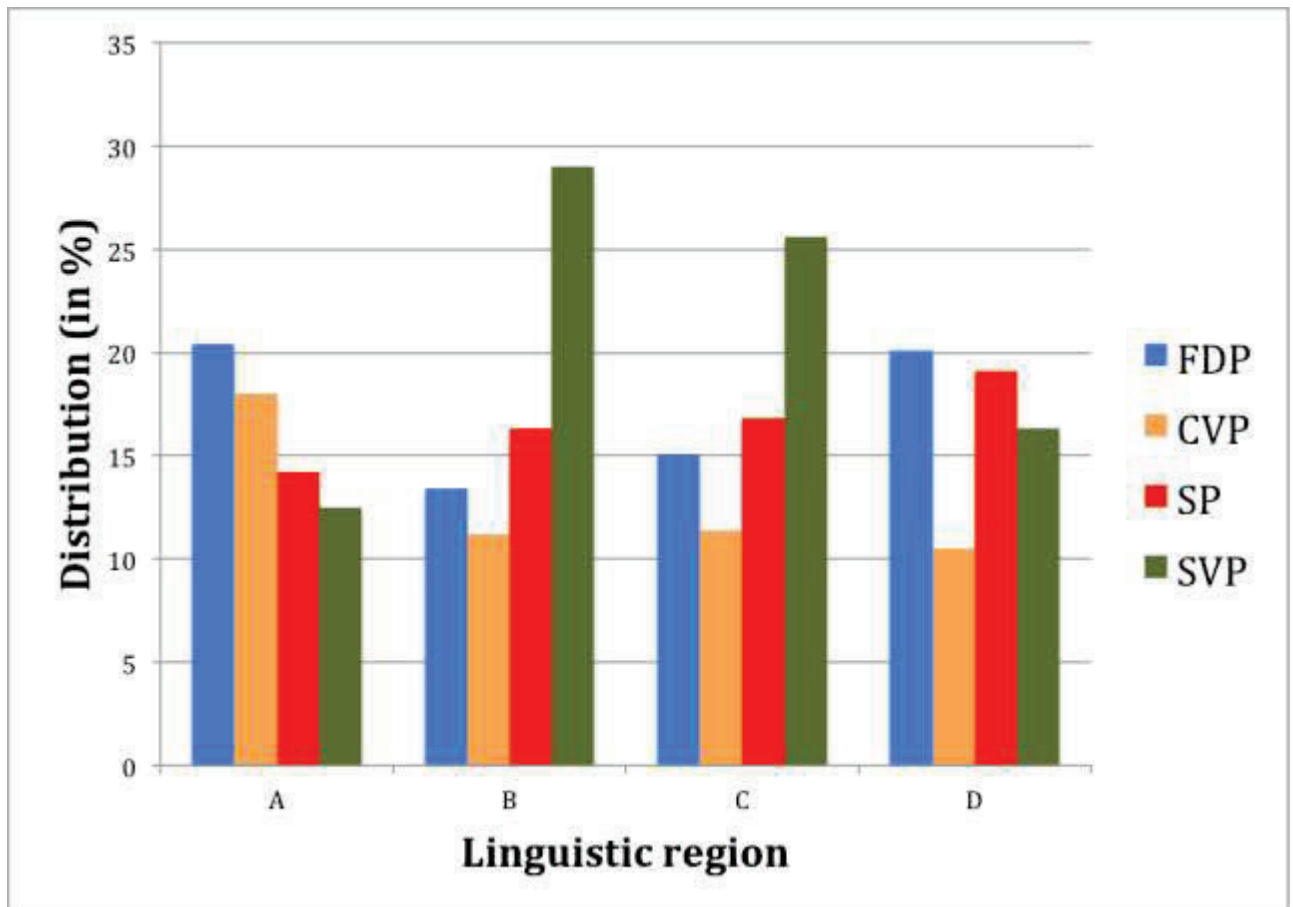


18) The lava from the Fuji volcano is ...

- basic with low viscosity.
- basic with high viscosity.
- acid with low viscosity.
- **acid with high viscosity.**

Question 19:

The following bar chart shows the distribution of the political parties in the different linguistic regions of Switzerland at the last national elections in 2019. Which order is correct (A to D)?



Source: data retrieved from Federal Statistical Office, own representation.

- a) Romandie, German-speaking Switzerland, Whole Switzerland, Italian-speaking Switzerland.
- b) German-speaking Switzerland, Whole Switzerland, Italian-speaking Switzerland, Romandie.
- c) Italian-speaking Switzerland, German-speaking Switzerland, Whole Switzerland, Romandie.
- d) Romandie, Italian-speaking Switzerland, German-speaking Switzerland, Whole Switzerland.

Question 20:

Which of the following statements about shifting cultivation is correct?



Source: Wikimedia.

- a) Returns the lowest net profit per hectare of any commercial type of farming. Relatively small capital investment in comparison with the size of the farm or ranch but the output per farmworker is high.
- b) Relatively few labourers are needed, technology is limited and capital is not involved. Outputs are very low, often only sufficient for the immediate needs of the family, tribe or local community.
- c) Needs considerable amounts of capital to invest in high technology and numerous workers. This type of farming gives the highest output per hectare and the highest productivity per farmworker.
- d) Large areas of forest are cleared and a single bush or tree crop is planted in rows, often resulting in a monoculture. The output is exported and not used or consumed locally.

Question 21:

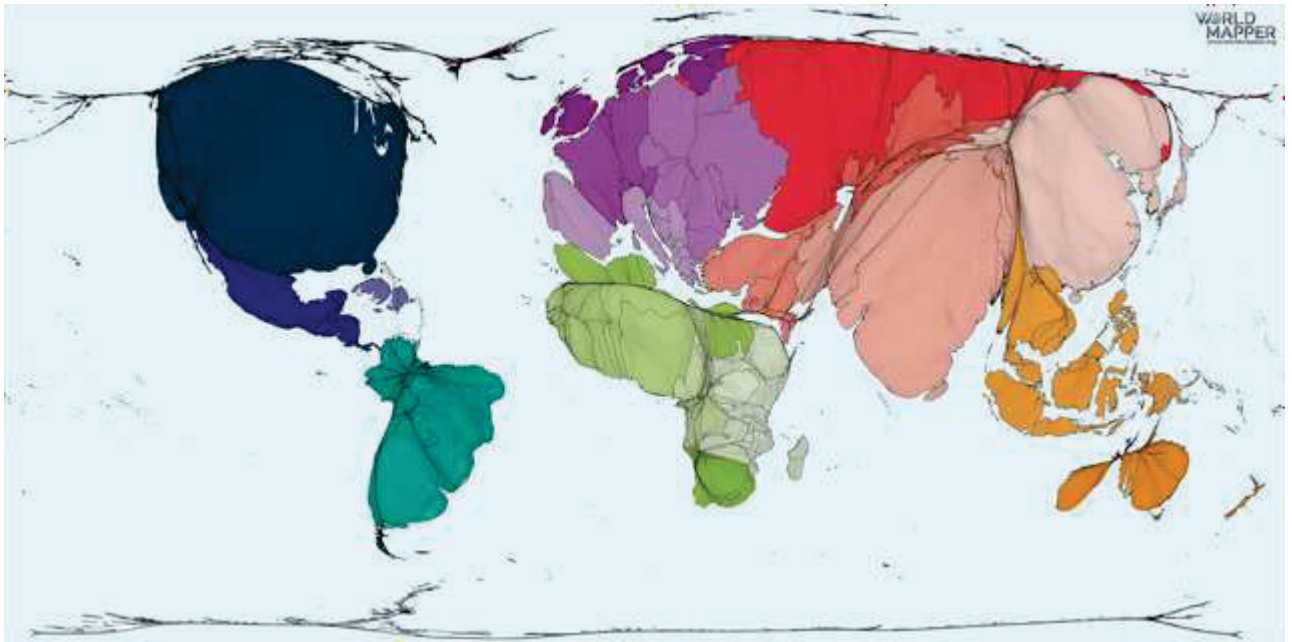
Where is this type of dwelling most likely to be found?



Source: Pixabay.

- a) Bolivia and Uruguay
- b) India and Nepal
- c) Sweden and Finland
- d) **Mongolia and Kazakhstan**

Question 22:
This map shows...

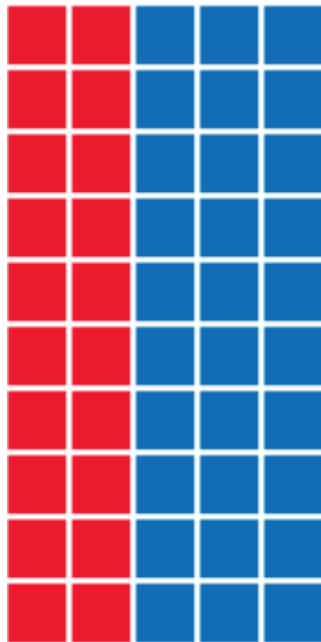


Source: WorldMapper.

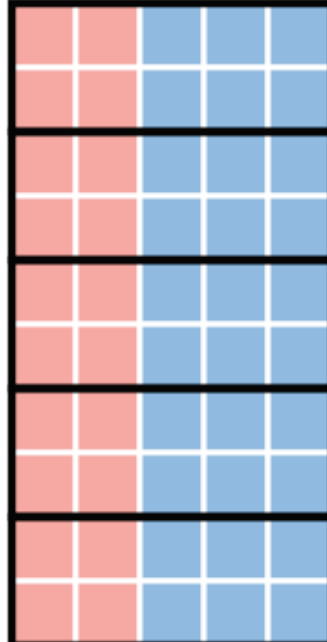
- a) Territory size in proportion to the amount of cropland.
- b) Territory size in proportion to the number of sheep in 2016.
- c) Territory size in proportion of all people living in rural areas in 2014.
- d) Territory size in proportion to Maize harvest in 2016.

Question 23:

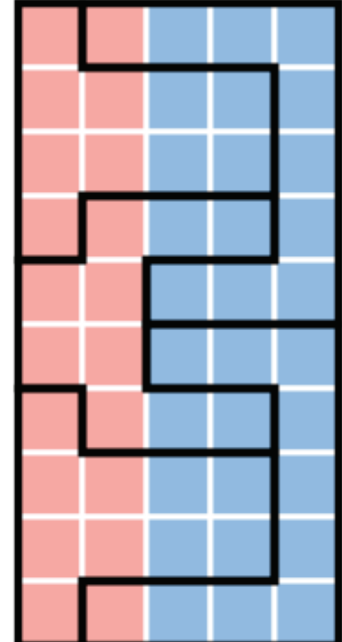
Gerrymandering is a practice by which governing parties try to cement themselves in power by redefining the boundaries of electoral districts. The goal is to draw boundaries of legislative districts so that as many votes as possible are likely to be won by the party. Why is this technique not used in Switzerland?



50 PRECINCTS
60% BLUE
40% RED



5 DISTRICTS
5 BLUE
0 RED
BLUE WINS



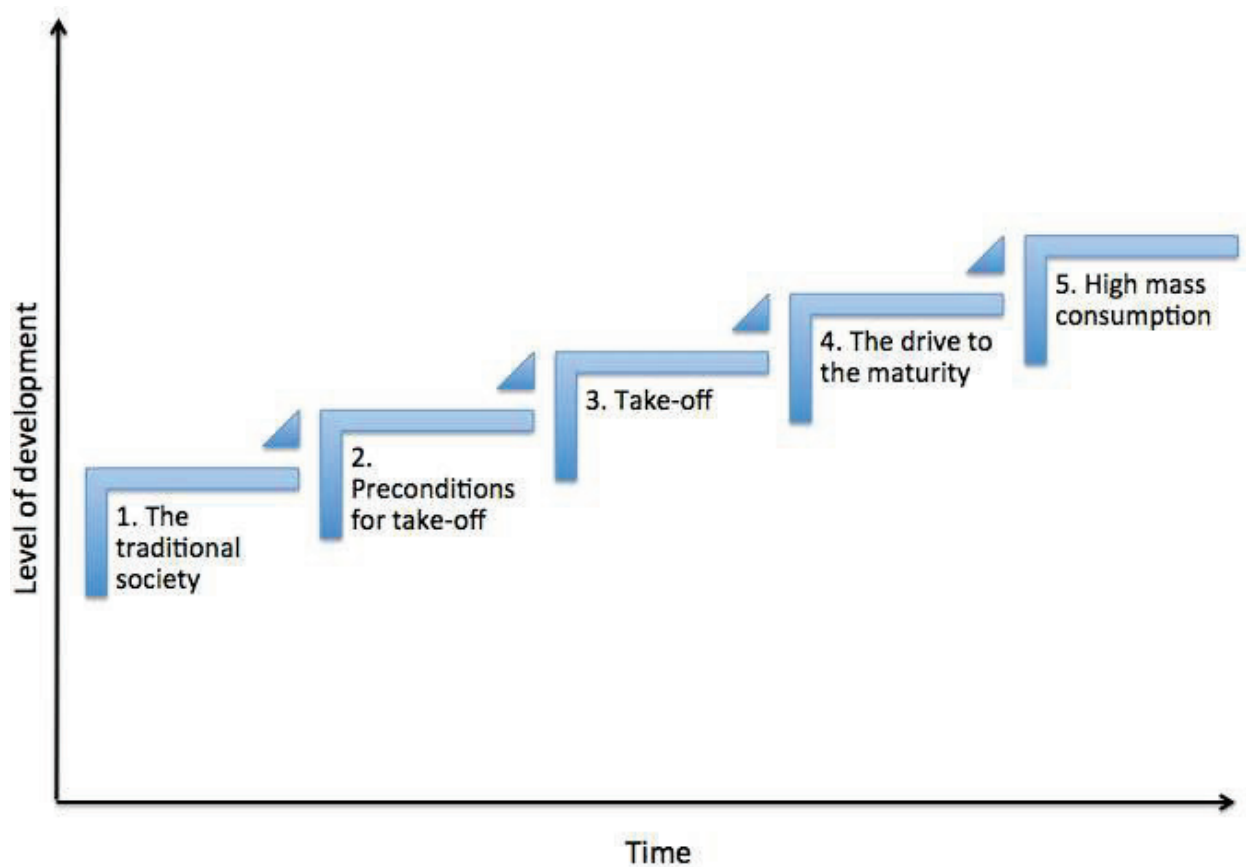
5 DISTRICTS
3 RED
2 BLUE
RED WINS

Source: Wikimedia.

- a) Switzerland has not a two-parties (for example Democratic vs. Republican) system.
- b) Switzerland has stable electoral districts, which can't be redefined by political parties.
- c) Switzerland is a Federal semi-direct democracy and not a presidential republic.
- d) The Swiss political Parties have agreed to a code of ethics, which prohibits "Gerrymandering".

Question 24:

Rostow's model of economic growth: What criticism of the model would you not agree with?



Source: own representation.

- The model assumes, incorrectly, that all countries start at the same level.
- The model overestimates the extent to which the development of some countries was at the expense of others.
- The model overemphasizes the effect of the learning curve, i.e. the time taken for a country to develop diminishes as countries learn from others that are already developed.
- The model is too Eurocentric.

Question 25:

“Swing States” are states, which could reasonably be won by either one political party or another. Also in Swiss polls there are “Swing States”. Which of this canton is a “Swing State” in European-politics issues in Switzerland?

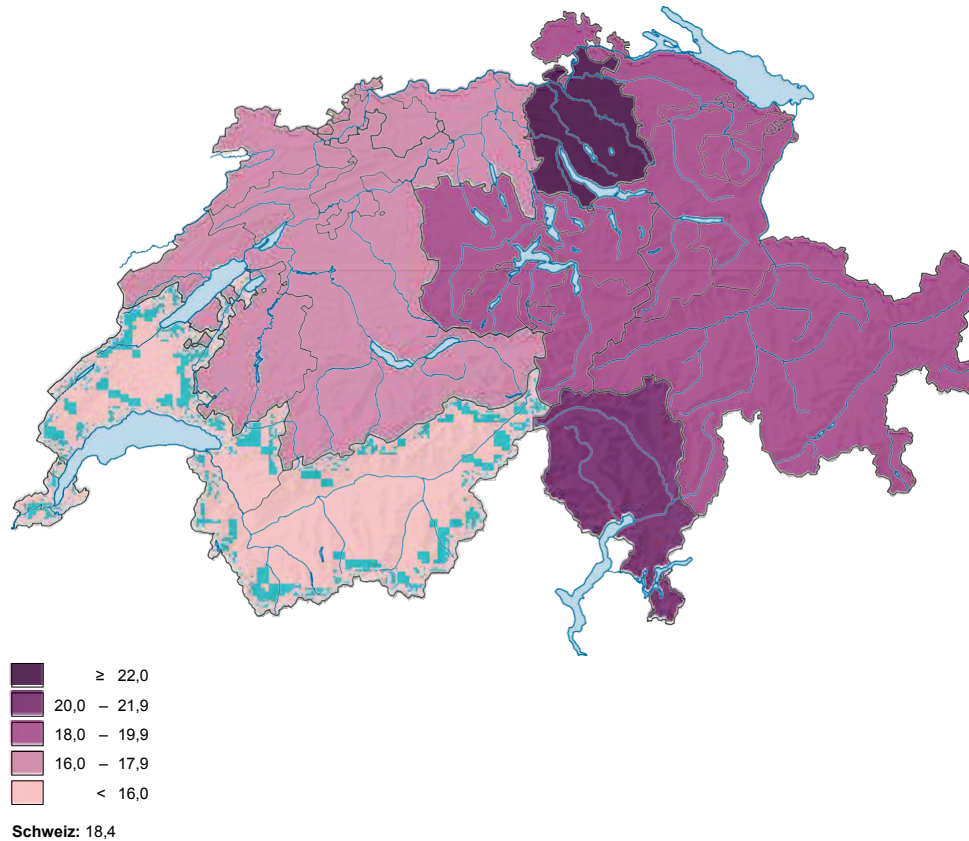


Source: Wikimedia.

- a) Ticino.
- b) Zürich.
- c) Bern.
- d) **Luzern.**

Question 26:

What is shown on the map below?



Source: Federal Statistical Office.

- a) Increase in social assistance rate since 2017.
- b) Increase in abortion since 2010.
- c) Change in the permanent resident population 2010-2017.
- d) Pay gap between women and men, as a percentage of men's pay.

Question 27:

Which image correlates best to the concept of religious tourism?

A)



B)



C)



D)



Sources: Wallpaperflare, Wikimedia, Pixabay.

- a) A.
- b) **B.**
- c) C.
- d) D.

Question 28:

The pictures below show a tree species, which mostly displaces native forest in monocultures and is planted en masse. What is produced from their raw material?



Sources: Pixabay,
Wikimedia.

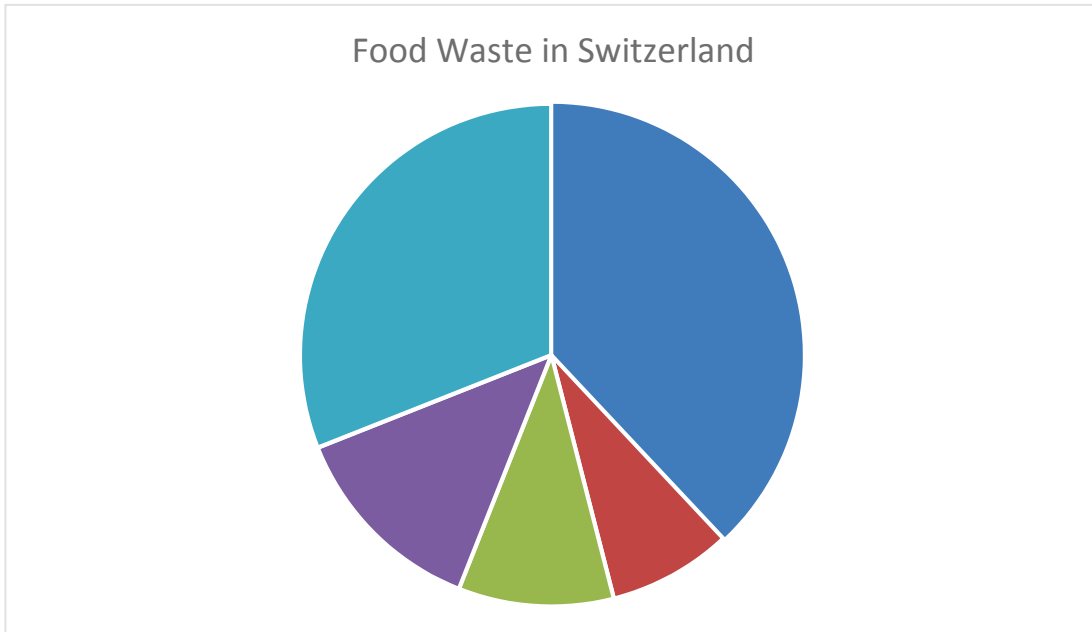
- a) Garden furniture.
- b) Birch sugar.
- c) **Condoms.**
- d) Cork.

29) Which geographical coordinates does Bolivia's capital have?

- a) $4^{\circ}36'00.0''\text{N } 74^{\circ}05'00.0''\text{W}$
- b) $4^{\circ}36'00.0''\text{S } 54^{\circ}05'00.0''\text{W}$
- c) $14^{\circ}36'00.0''\text{S } 74^{\circ}05'00.0''\text{W}$
- d) $14^{\circ}36'00.0''\text{N } 54^{\circ}05'00.0''\text{W}$

30) The figure shows origins of foodwaste in Switzerland. Which sector has the largest share?

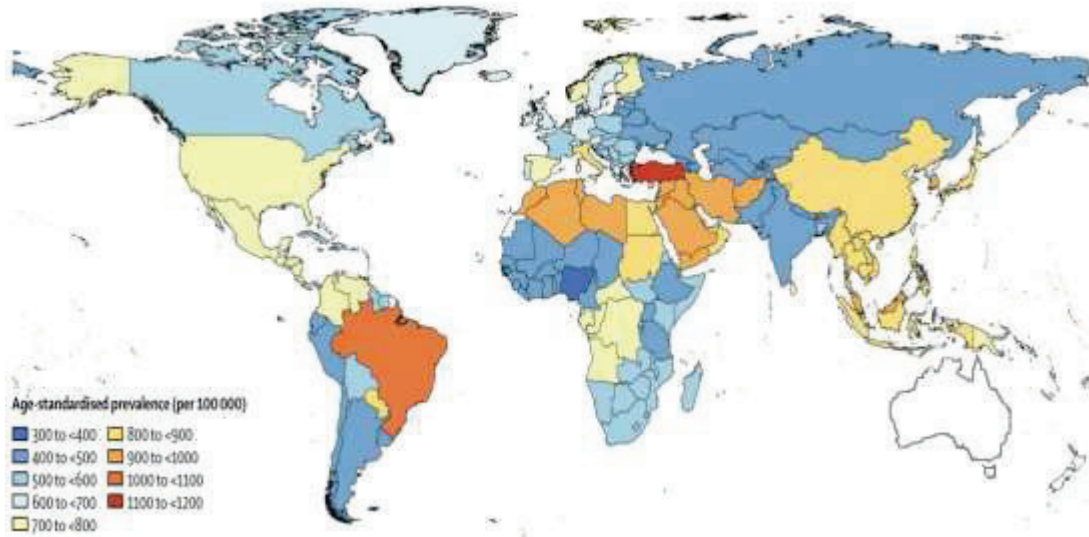
- a) Processing industry
- b) Agriculture
- c) Wholesale and retail trade
- d) End User



Source: <https://www.wwf.ch/de/unsere-ziele/foodwaste>

31) The map shows age-standardized prevalence for Alzheimer's disease and other dementias per 100000 people by location. How would you expect Australia to be coloured?

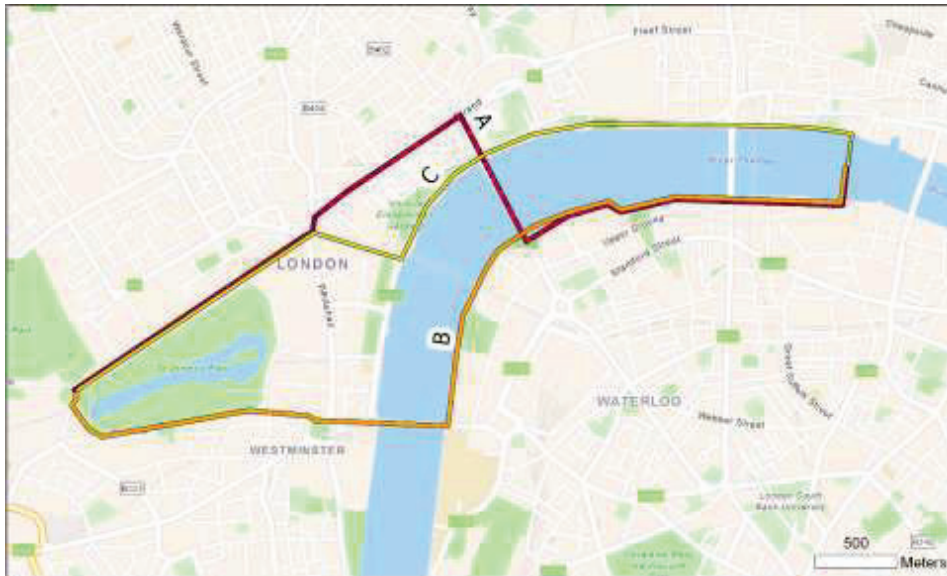
- e) Dark blue (300 to <500 per 100000 people)
- f) Light blue (500 to <700 per 100000 people)
- g) Yellow (700 to <900 per 100000 people)
- h) Orange (900 to <1100 per 100000 people)



© <https://pursuit.unimelb.edu.au/articles/why-the-number-of-dementia-cases-has-doubled>

32) The map shows different ways from the Millenium Bridge to the Buckingham Palace in London. Which statement is correct?

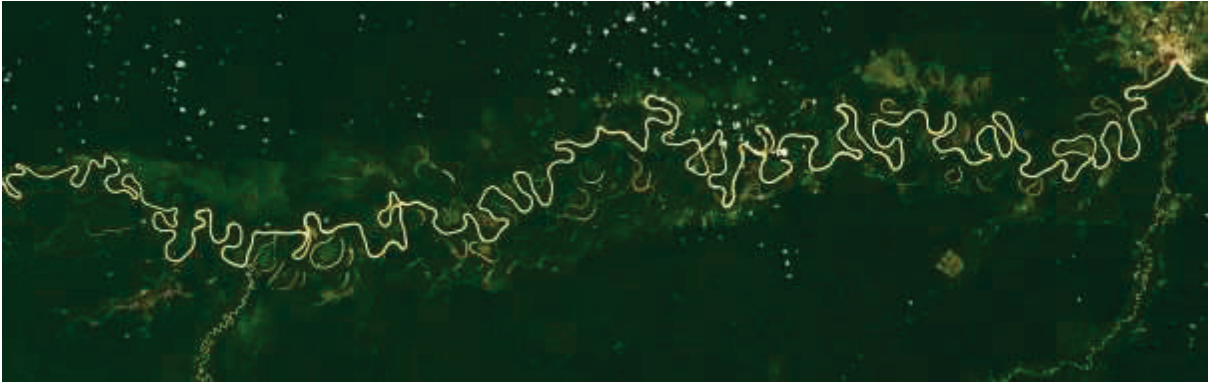
- i) C is the shortest way
- j) A and B have the same distance
- k) B is longer than C
- l) All of the above





<https://tinyurl.com/y8c4magl> (Wikipedia-Benutzer Cooper)

- 33) What process leads to a decrease in biodiversity on alpine meadows?
- a. increasing tourism
 - b. intensified agriculture
 - c. chemical additives in snow cannons
 - d. Nitrogen fertilization by air



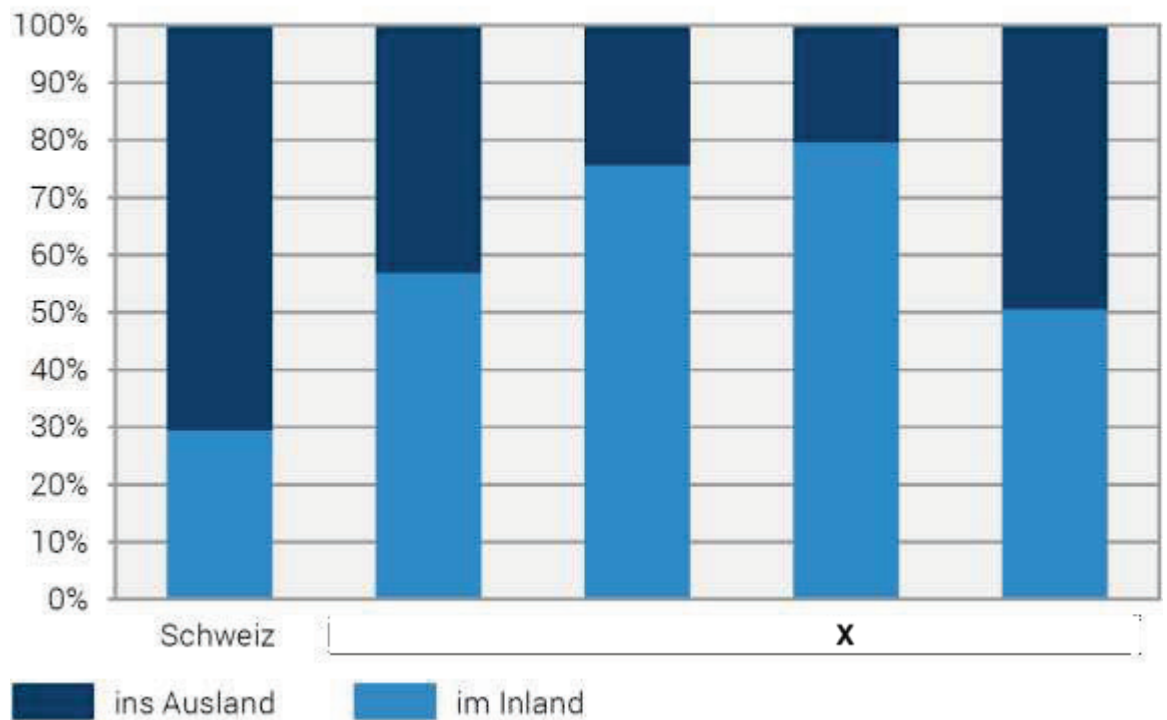
<https://tinyurl.com/ycdc9pr>

- 34) What term does NOT refer to the above fluvial structure?
- a. sliding slope
 - b. impact slope
 - c. meander
 - d. **headwaters**

Privatreisen mit Übernachtungen nach Wohnsitzland, 2018

Wohnbevölkerung ab 15 Jahren

G3.1.5



Quellen: BFS – Reiseverhalten; Eurostat

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35) Which of Switzerland's adjacent countries correlates to the column X?

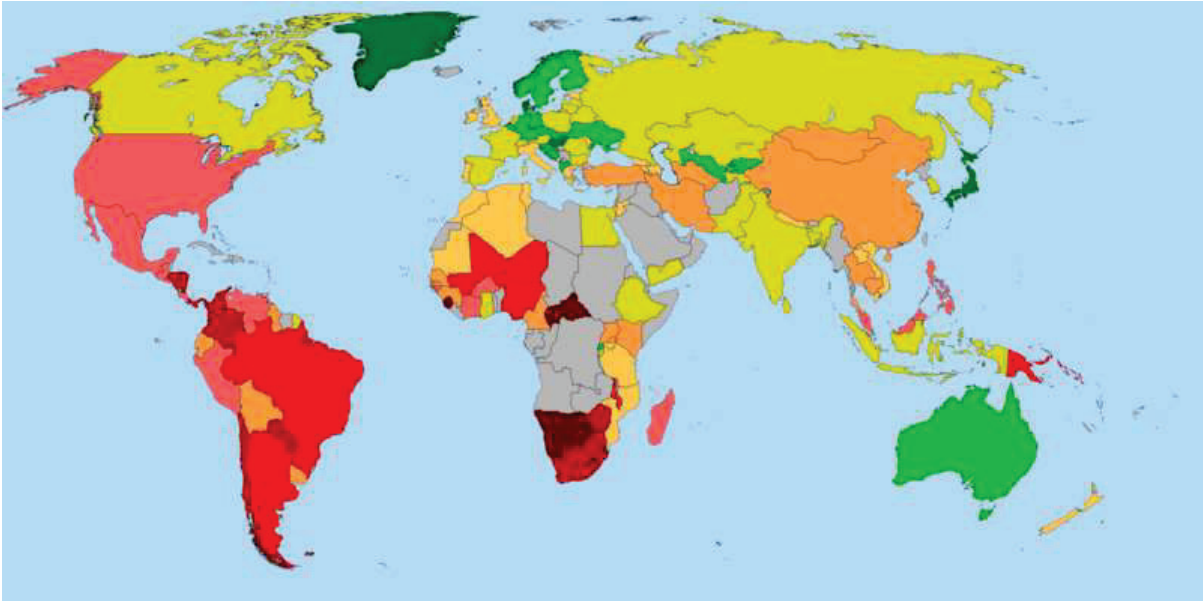
- A) Italy
- B) France
- C) Austria
- D) Germany



<https://tinyurl.com/y775y7hh>

36) The above picture shows a bauxite mine in Guinea. What metal will be produced from its ore?

- a. aluminium
- b. lithium
- c. cobalt
- d. iron



national inequality 2005
<https://tinyurl.com/yc6zh4pb>

37) What index is used to describe inequality?

- a. gini coefficient
- b. happy planet index
- c. international inequality index
- d. human development index