

Multi Media Test 2010



Red. Joop van der Schee, Luc Zwartjes



- **Instructions**

Look at the PowerPoint slides and read the questions carefully.

This multi media test has 40 questions. You have 1 hour to complete the test.

Each question is multiple-choice. Choose A, B, C or D. Only one answer is correct.

Mark your choice on the Answer Sheet with a circle around the letter that you want to select. If you make a mistake, delete the selected letter and make a new choice.

Some questions have a movie, indicated by an icon. Click on the image to start the movie. You can replay the movie once it's finished by clicking on it again.

For navigation it is best to use the arrows \uparrow \downarrow on the keyboard to move to the next page. *Do not click on the escape button, as that ends the presentation.*

When you reach the last page the screen will be black. Click on the \uparrow to go back in the presentation if you want to check your answers.

- Instructions

Good luck!



- Question 1



These three photographs were all taken in the same country. Look carefully. In which country were they taken?

- A Sweden
- B Greece
- C Egypt
- D Costa Rica

This photo was taken some time after a:

- A volcanic eruption
- B hurricane
- C landslide
- D bush fire

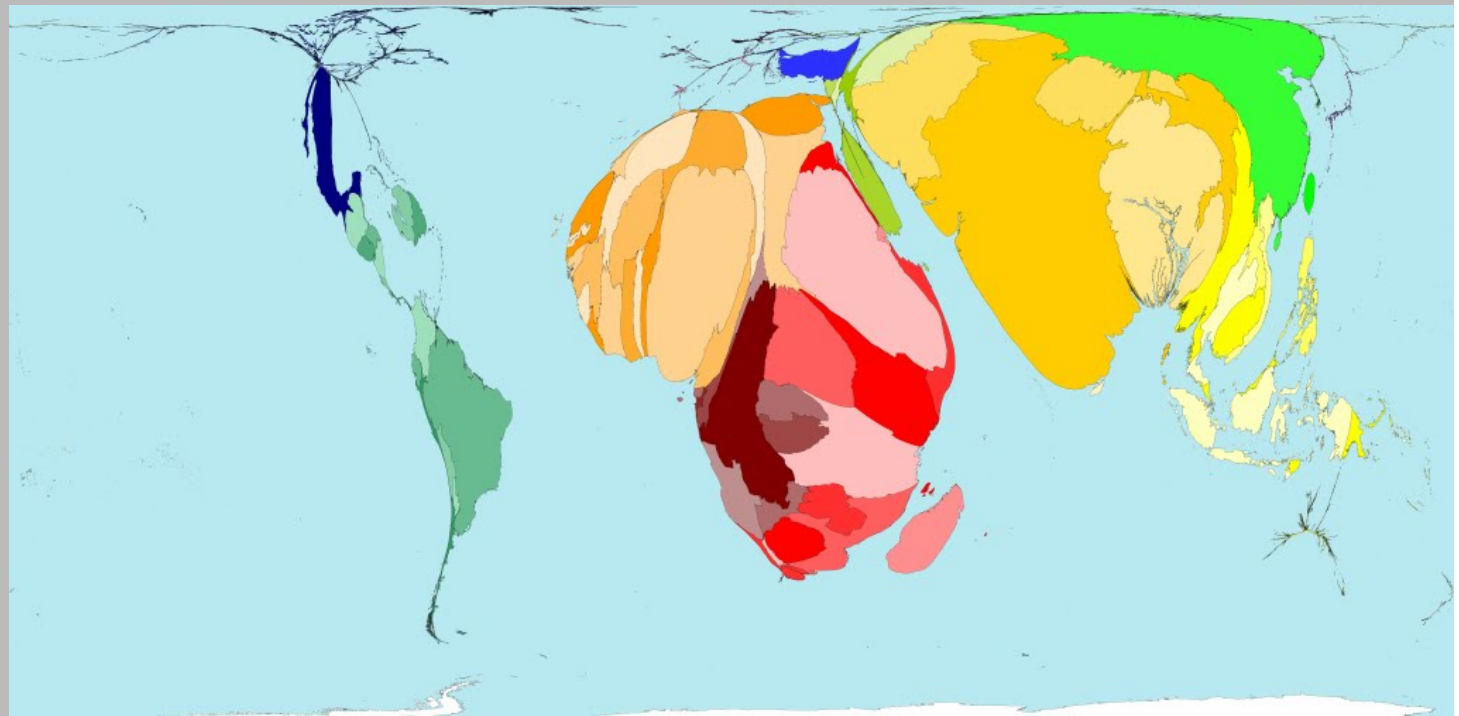


- Question 3



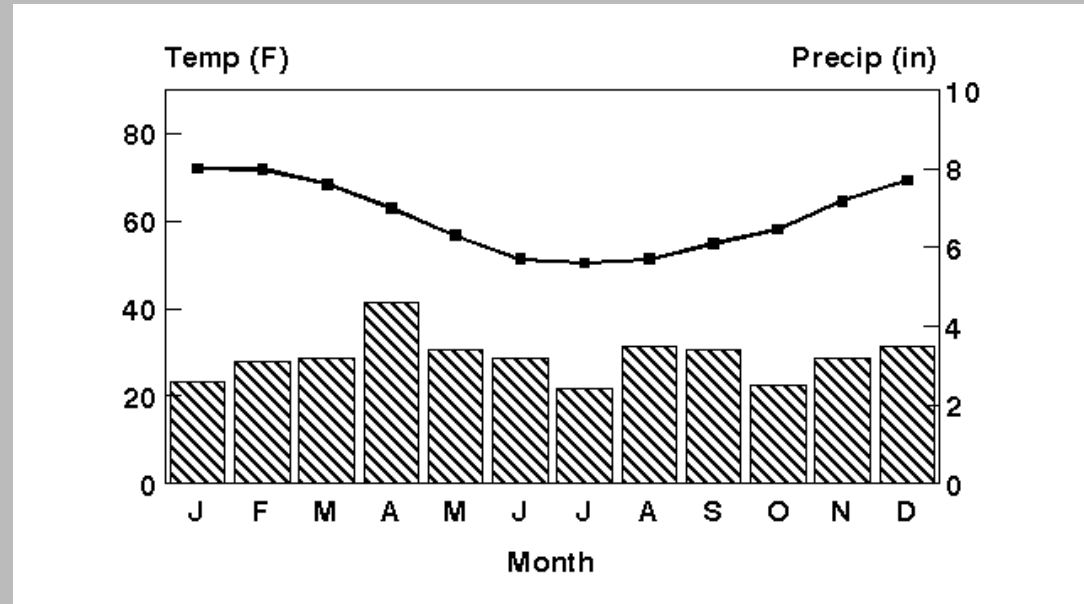
The three images are related in that they all show the effects of:

- A deforestation and soil erosion
- B earthquakes
- C melting permafrost
- D rainfall and landslides



This world map shows the geographical distribution of:

- A child labour
- B pollution by cars
- C deforestation
- D emigration



These two images and the climate graph relate to the same city. They are of which city?

- A San Diego
- B Vancouver
- C Lima
- D Montevideo

- Question 6

The USA has 7 million people with the same characteristic as that shown in this graph of some African countries. The graph shows:

- A criminality
- B illiteracy
- C agricultural workers
- D infant mortality

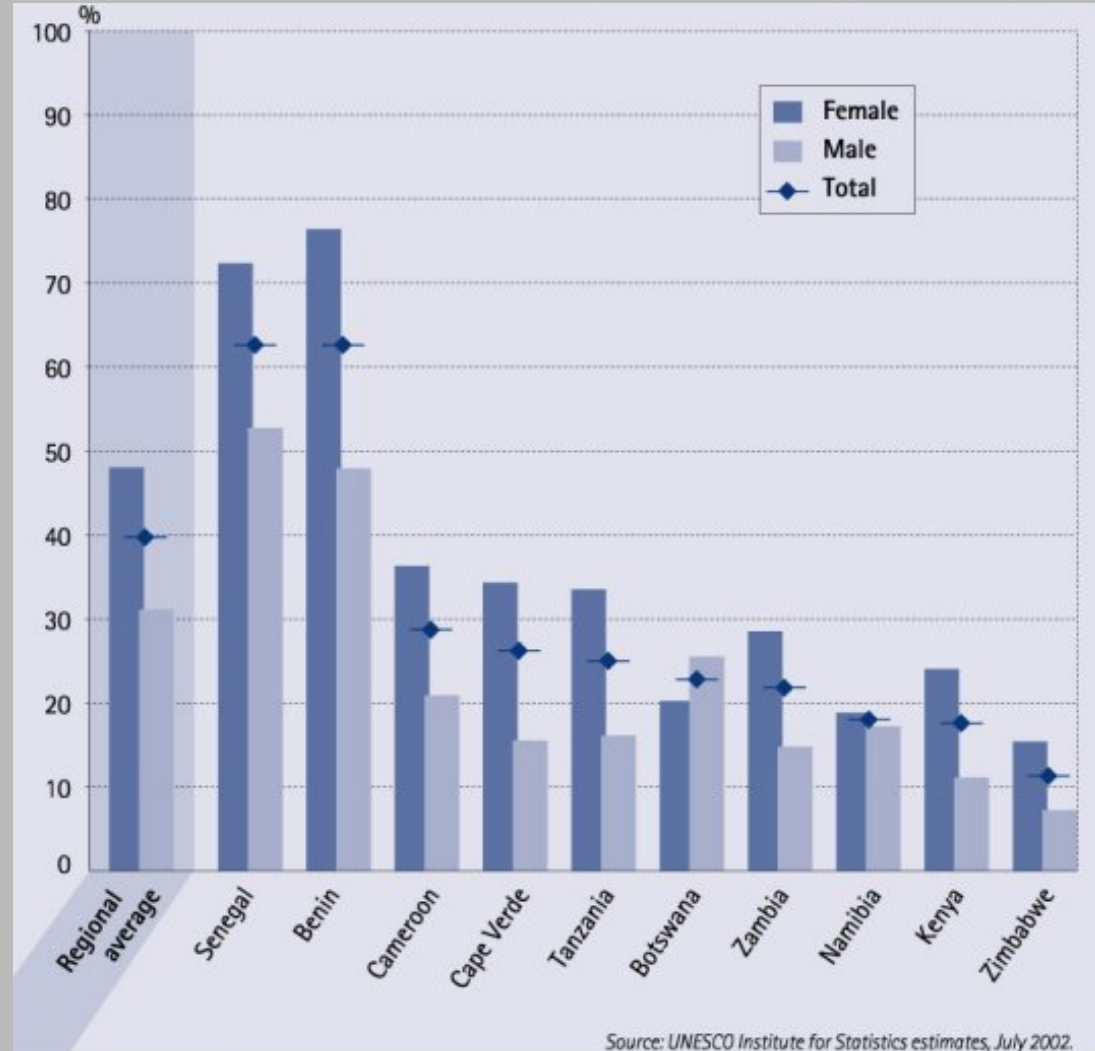


Table 1. Perceived Corruption (2007, based on an analysis of 13 surveys)
Source: Transparency International

	Africa	Americas	Asia	Europe	Oceania
1	Botswana	Canada	Qatar	Moldova	Vanuatu
2	Somalia	Haiti	Afghanistan	Ukraine	Papua New Guinea
3	South Africa	USA	Iraq	Albania	Solomon Islands
4	Sudan	Venezuela	Israel	Sweden	Samoa

Which row gives the country perceived as the most corrupt in its region, according to Transparency International?

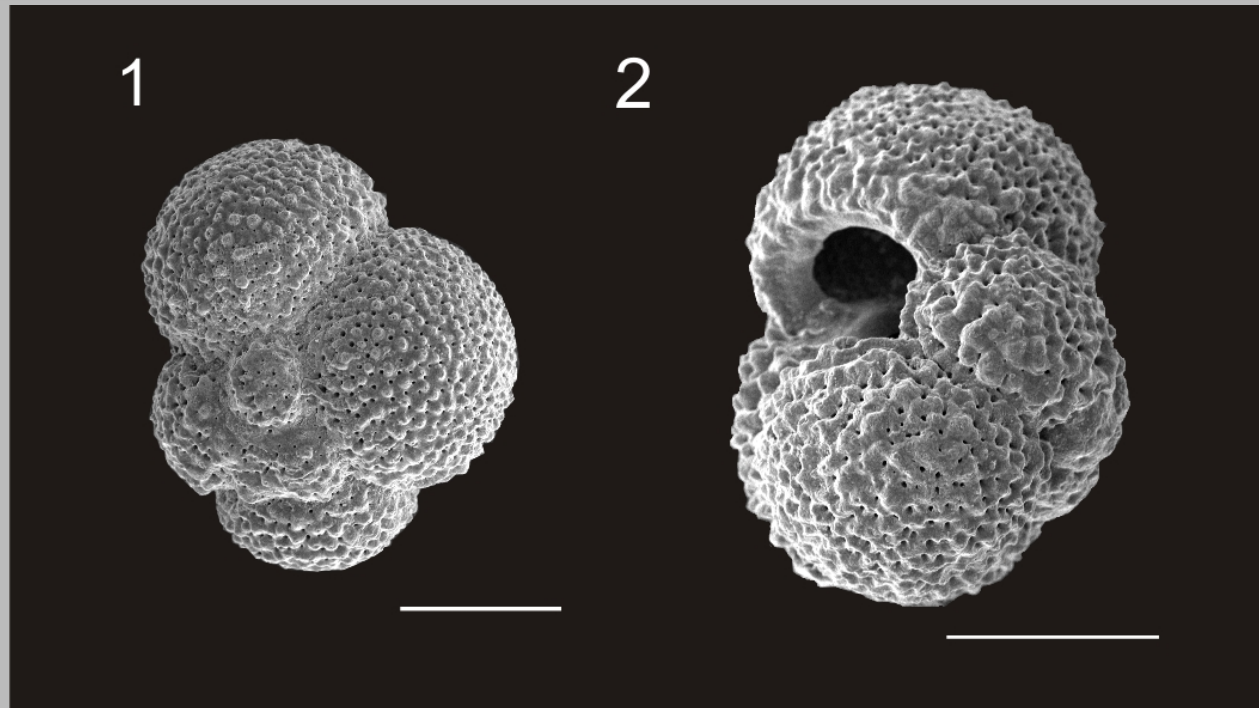
- A Row 1
- B Row 2
- C Row 3
- D Row 4

- Question 8



This landform is the result of:

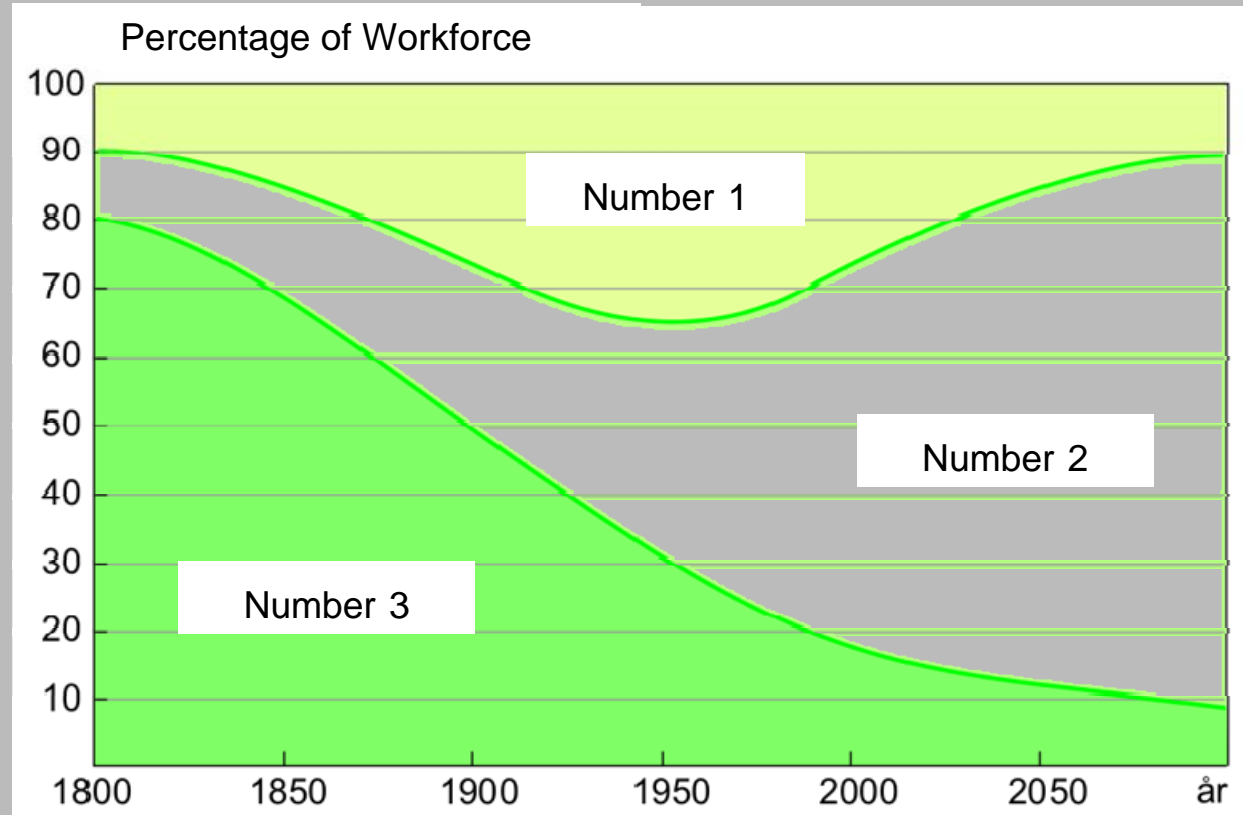
- | | |
|--------------|-------------------|
| A deposition | C longshore drift |
| B refraction | D sea level rise |



Foraminifer are tiny animals that are important in the food chain. The shells of foraminifer in the Southern Ocean have reduced in weight by about 30% since pre-industrial times. What has caused this?

- A changes in diet
- B sea level rise
- C evolution
- D ocean acidification

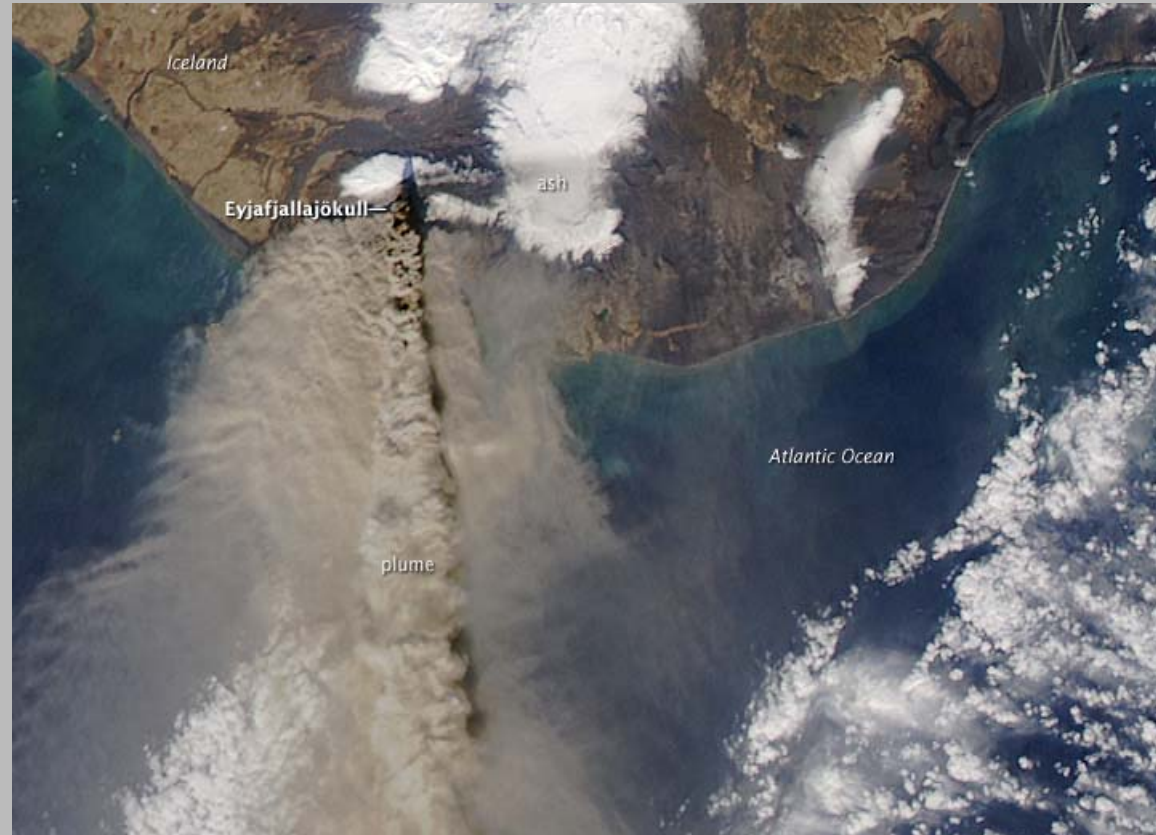
This diagram shows the size of workforce sectors in the Western World, as classified using the three-sector hypothesis. Which sector is labelled by which number?



- A 1-primary, 2-secondary, 3-tertiary
- B 1-secondary, 2-tertiary, 3-primary
- C 1-tertiary, 2-primary, 3-secondary
- D 1-secondary, 2-primary, 3-tertiary

Volcanic Eruption

The image shows the plume from the volcano near Eyjafjallajökull in Iceland. This particular volcanic activity is due to the fact that Iceland is:

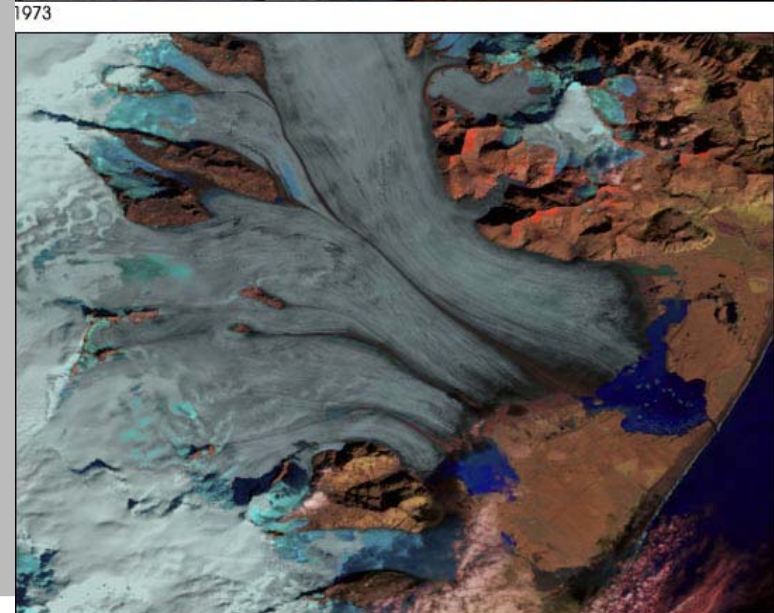
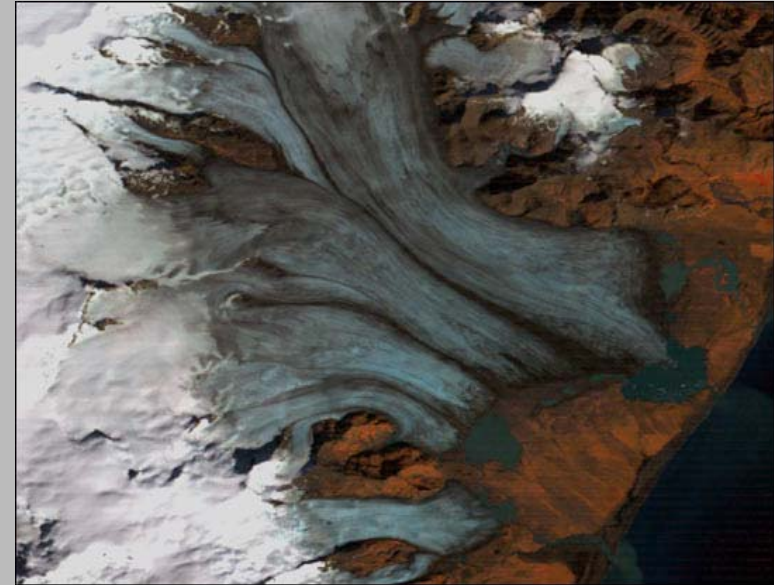


- A on a hot spot
- B on the Mid Atlantic Ridge
- C on a destructive plate edge
- D near the Arctic Circle

Retreating glaciers

Which of the following statements explains glacier retreat most accurately?

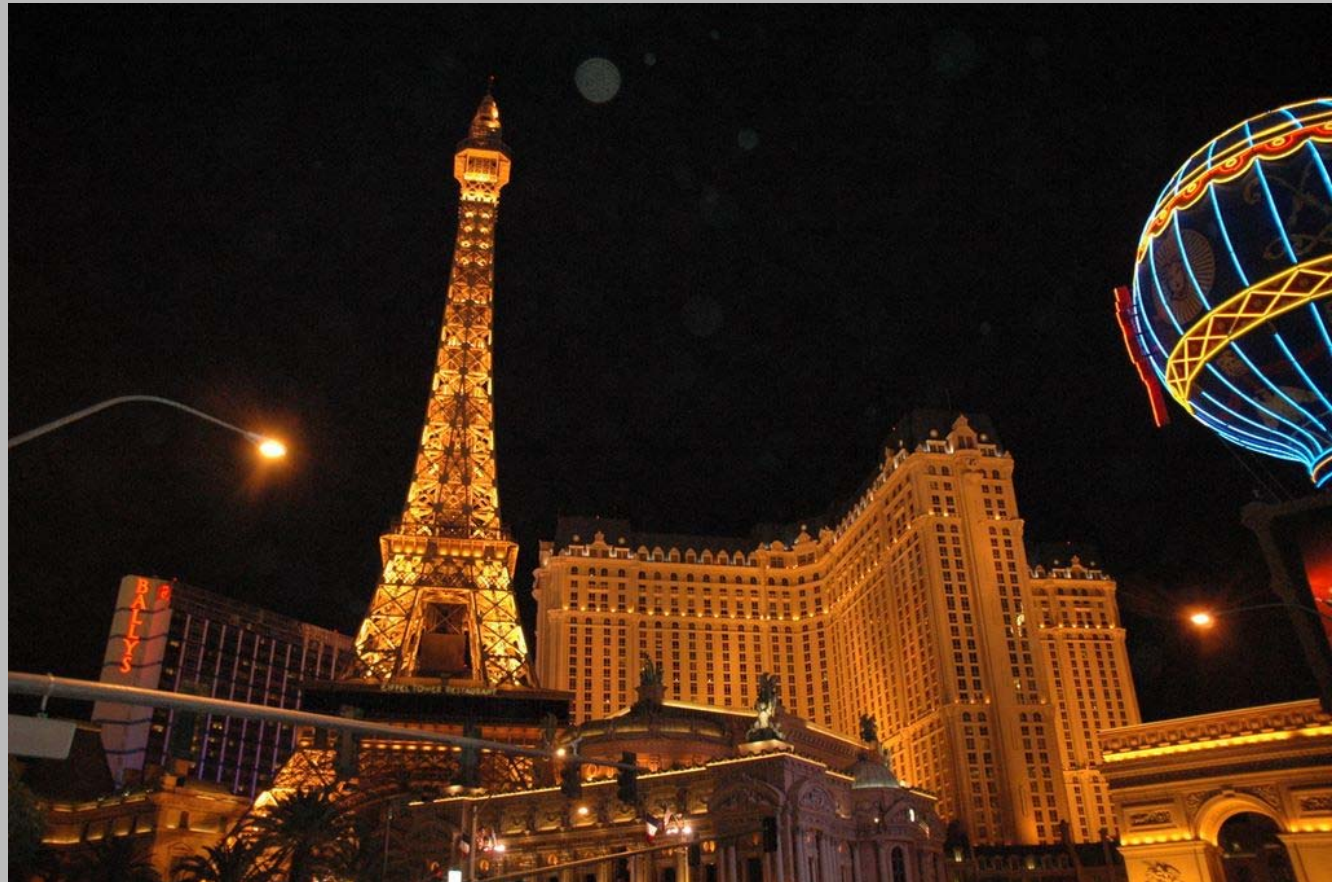
- A A warmer climate raises the albedo of the ice, thus melting the ice.
- B A warmer climate melts the ice, thus lowering the overall albedo, reinforcing the melting process.
- C Global warming causes more precipitation, thus causing the glaciers to retreat.
- D Global warming causes less precipitation, thus causing the glaciers to retreat.



- Question 14

Look carefully at the photo. The services sector of this city mainly caters for:

- A tourism
- B finances
- C trade
- D politics



Where was this photo taken?

- A South Africa
- B Germany
- C Brazil
- D New Zealand



In which mid-latitude region is this landscape located?

- A Atacama Desert
- B Barents Sea
- C Dead Sea
- D Nam-Tso Lake



- Question 17



These three photographs were all taken in the same country. Look carefully. In which country were they taken?

- A Bolivia
- B Myanmar
- C Switzerland
- D Nepal



- Question 18



Here are three photographs. Despite language, religious and cultural differences, these people belong to the same racial group. Which racial group is it?

- A caucasian race
- B mongoloid race
- C negroid race
- D mixed race



- Question 19



The city where this photo was taken is located close to the:

- A Equator
- B Tropic of Cancer
- C Tropic of Capricorn
- D Arctic Circle

- Question 20

This photo of the London Eye was taken on 9 September 1999. In which part of the day was the photo taken?

- A morning
- B noon
- C afternoon
- D late evening



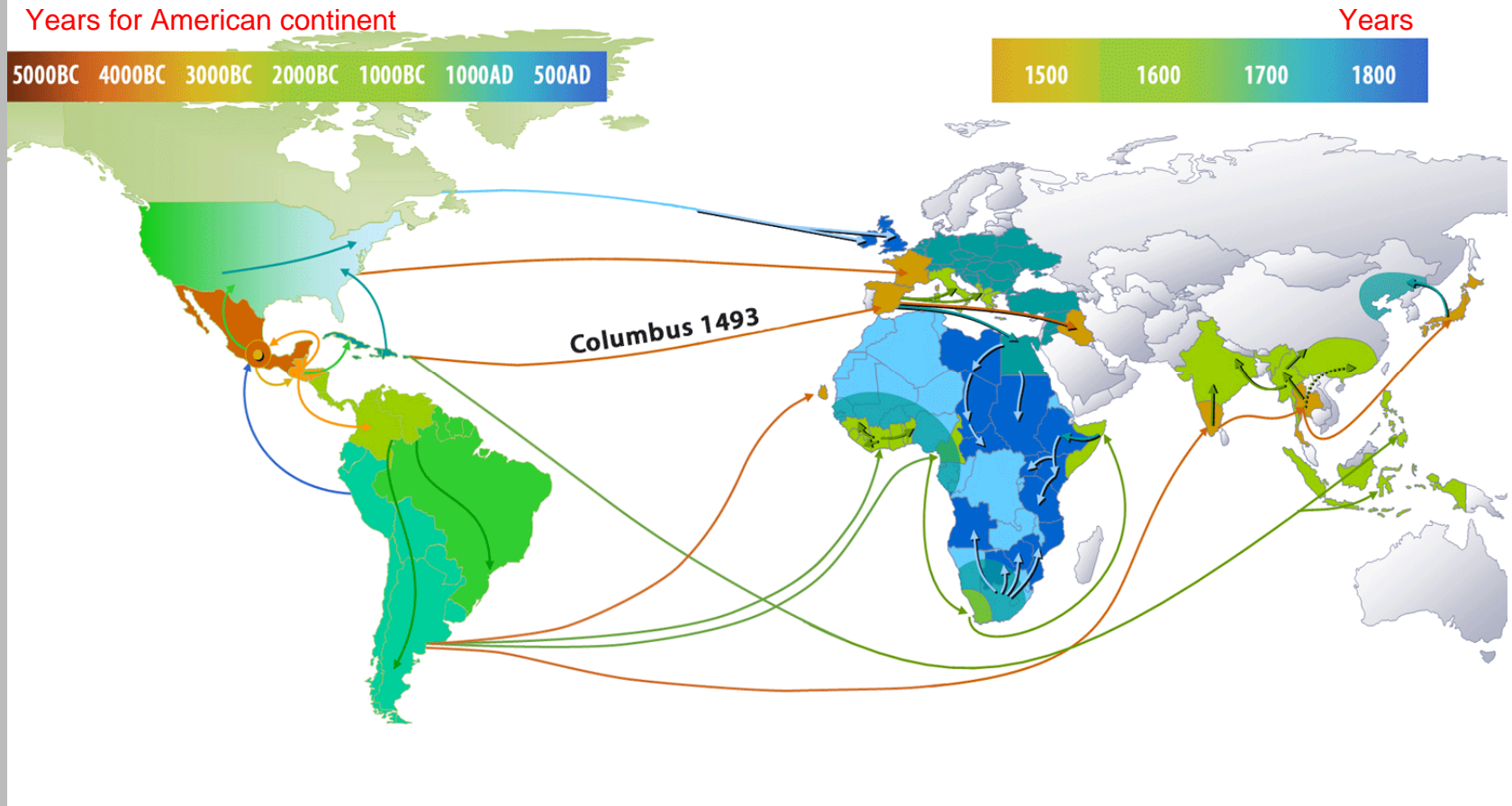
- Question 21

This is a photo of the Grand Place in Brussels, Belgium. It is located at $50^{\circ} 50'N$, $4^{\circ} 21'E$. The photo was taken on 8 June 2004 exactly at solar noon. What was the official time in Brussels when the photo was taken?

Hint: Belgium is in GMT+1 time zone. Remember that the photo was taken in summer.



- A 11.18
- B 12.18
- C 12.42
- D 13.42

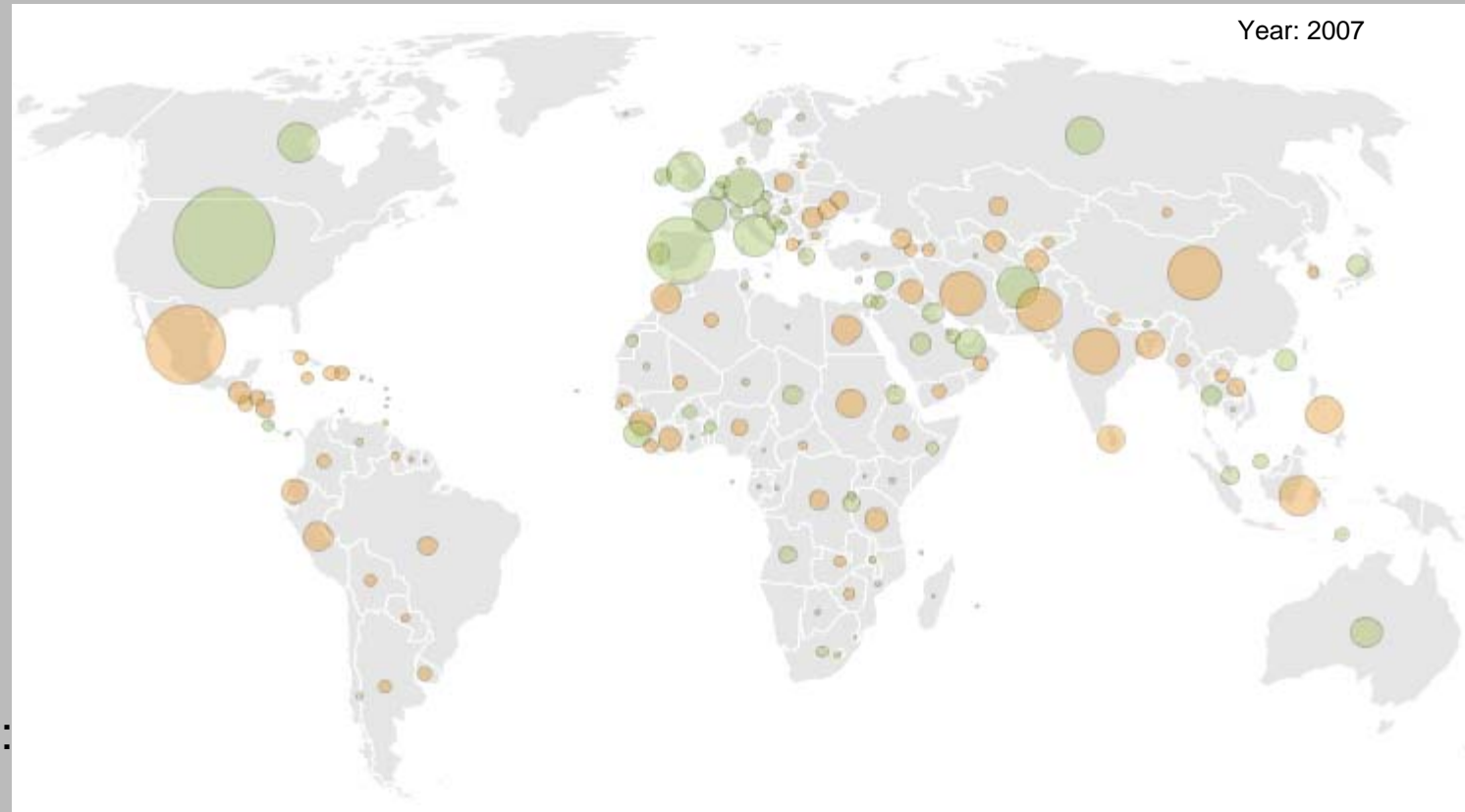


This map shows the flow of:

- A maize / corn
- B population
- C gold
- D birds

- Question 23

This map divides countries into 2 categories, based on the dominance in their populations of:



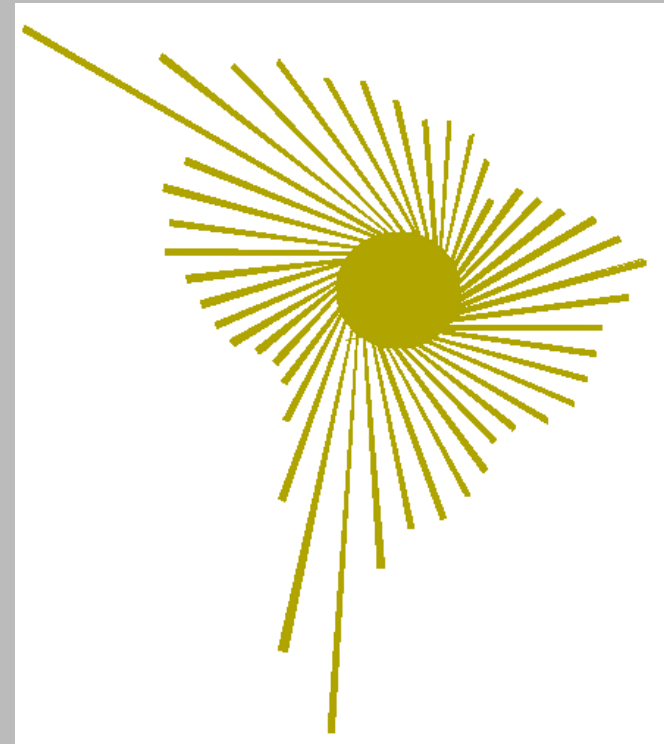
- A births or deaths
- B male or female
- C immigration or emigration
- D young or old

The yellow line on the image distinguishes between:

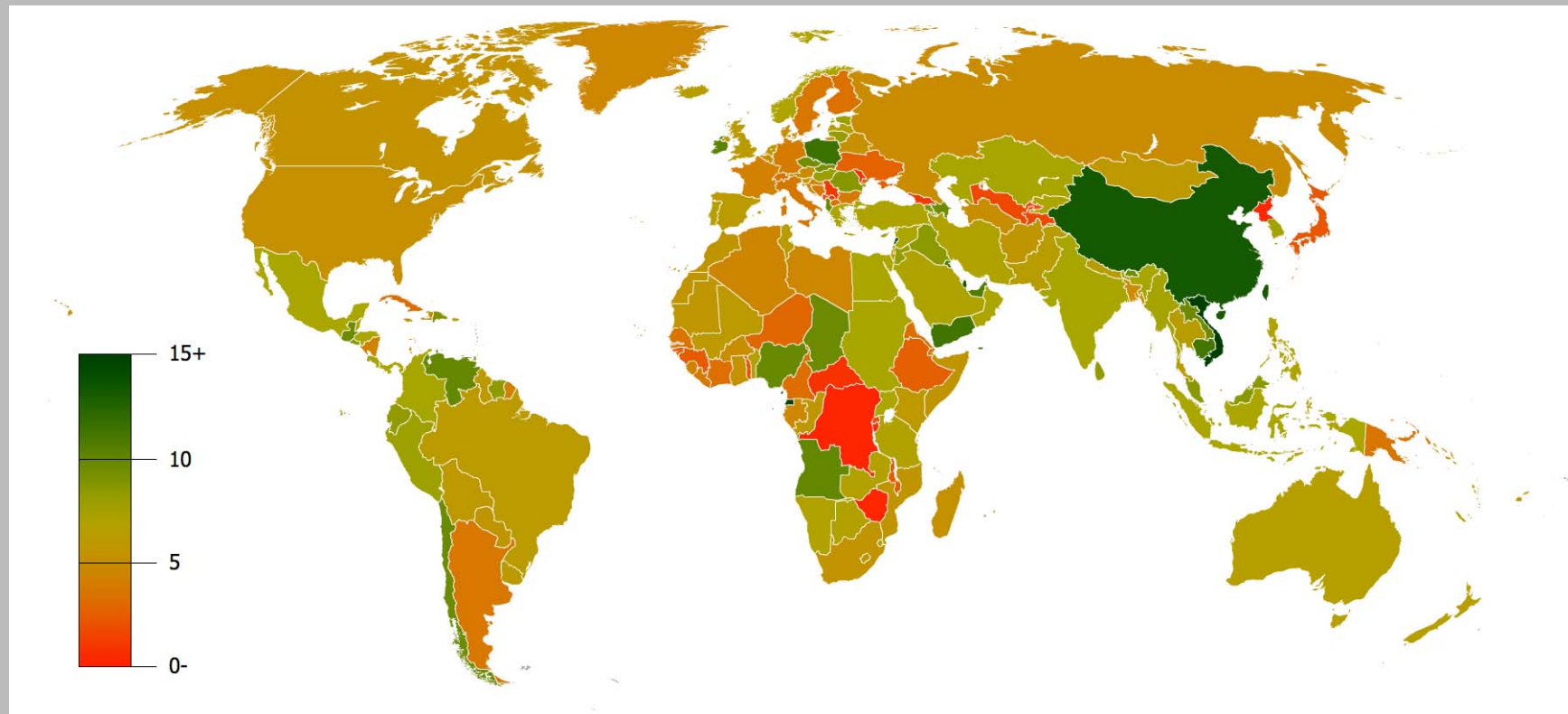
- A sizes of households
- B vegetation types
- C effects of a flash-flood
- D states



The alliance illustrated here was established by the leaders of two Latin American countries in 2004. What is the proposed common currency unit for this alliance?



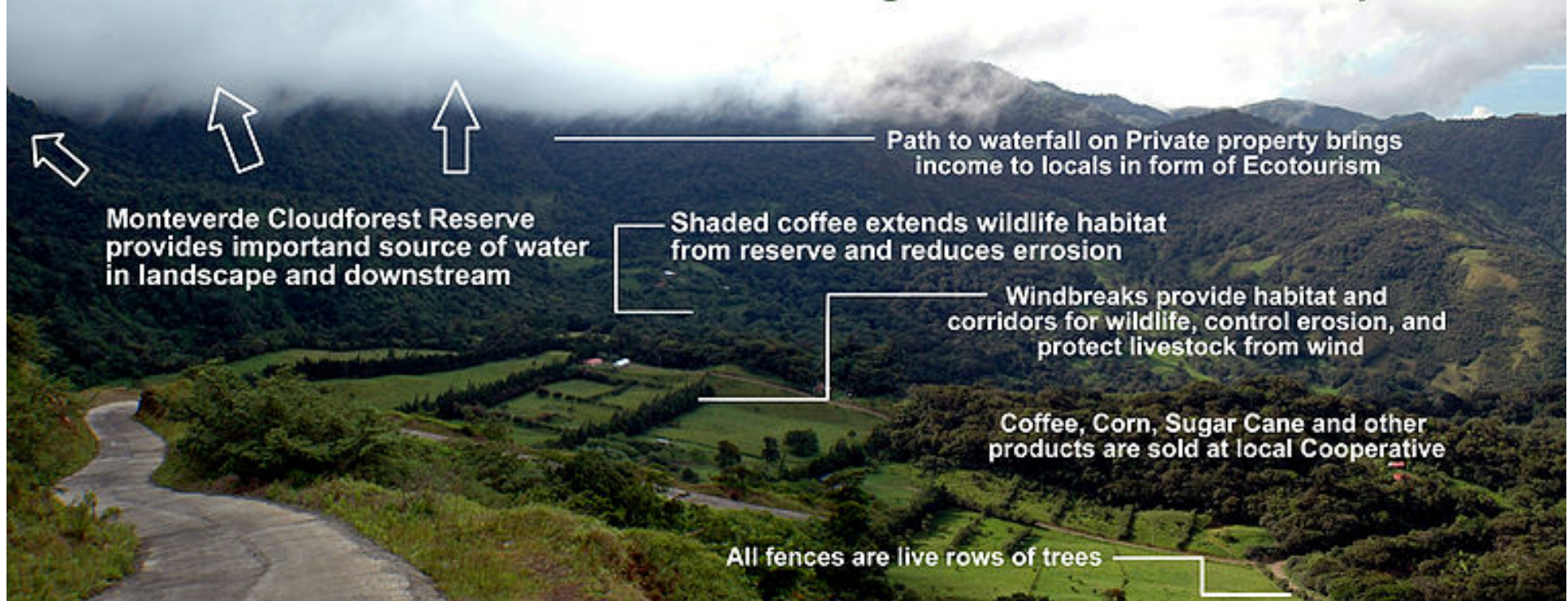
- | | | | |
|---|------------------|---|-------|
| A | bolivar | C | peso |
| B | Caribbean dollar | D | sucre |



This map shows the data by country for:

- A GDP growth 1990–2007
- B GDP per capita in 2009
- C employment in agriculture in 2009
- D population density in 2009

Some Elements in an Ecoagriculture Landscape



Look carefully at the photo and name the country in which it was taken.

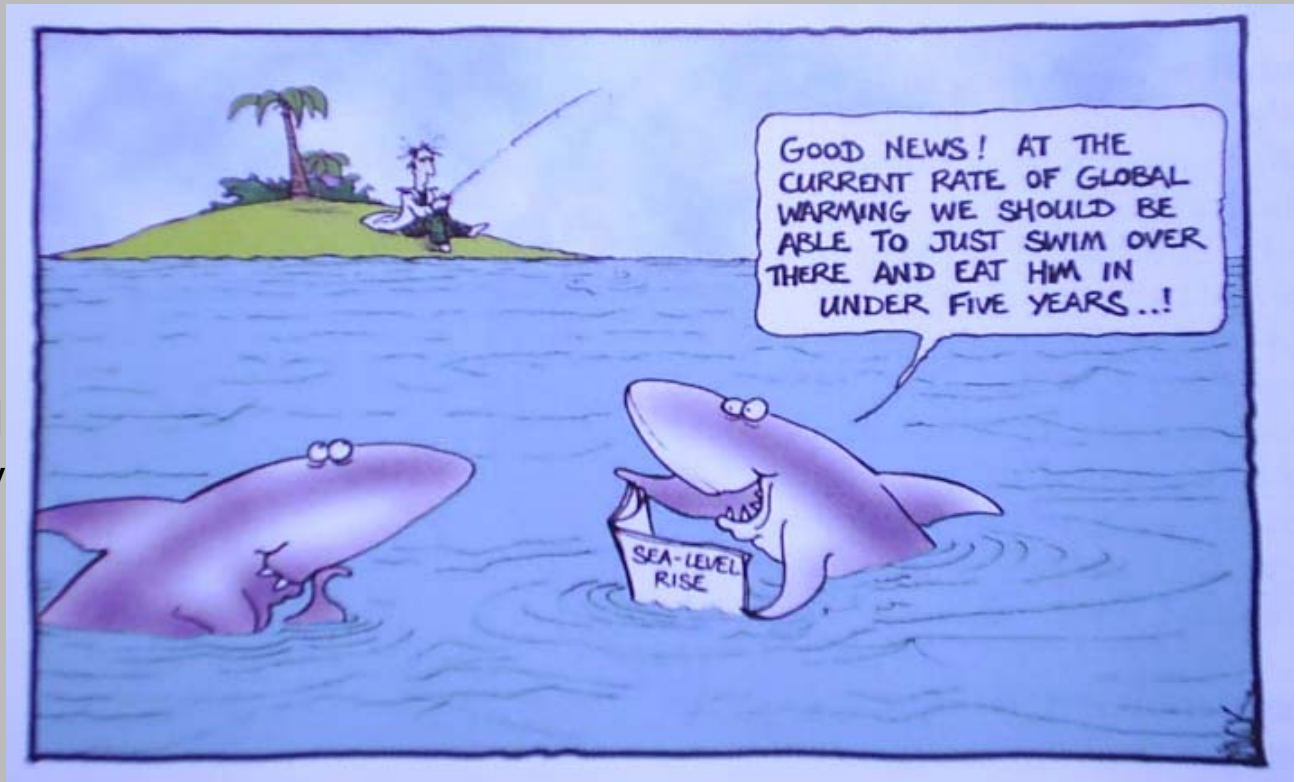
- A Gambia
- B New Zealand
- C Argentina
- D Costa Rica

- Question 28

Most of the world's coastal cities were established during the last few millennia, a period when global sea level has been near constant. Since the mid-19th century, sea level has been rising, most likely as a result of human-induced climate change.

During the 20th century, sea level rose by roughly:

- A 1.5 to 2.0 mm/year
- B 1.5 to 2.0 cm/year
- C 10 cm/year
- D 50 cm/year



- Question 29



In which country does this natural phenomenon occur?

- A Greece
- B Albania
- C Iraq
- D Bangladesh

✂ a short film :
<http://www.youtube.com/watch?v=cMGpBmiKEyc&feature=related>

Country 1 and 2 have different official languages. Which language is labelled by which number?



- A 1-Dutch, 2-Spanish
- B 1-English, 2- French
- C 1- French, 2-Spanish
- D 1-French, 2-Dutch



Source : TATSUMI, Masaru

In which country was this photo taken?

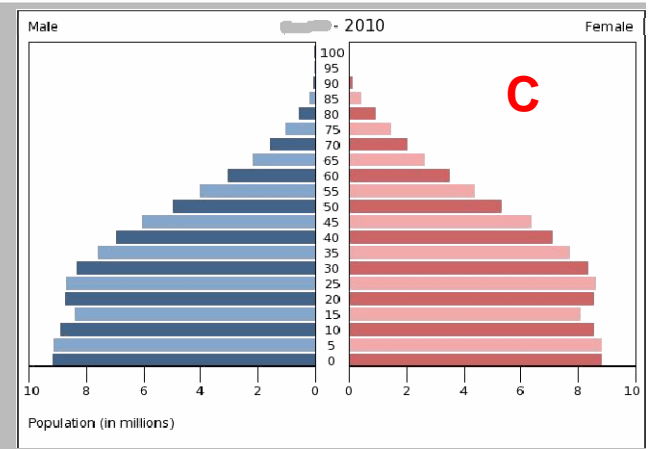
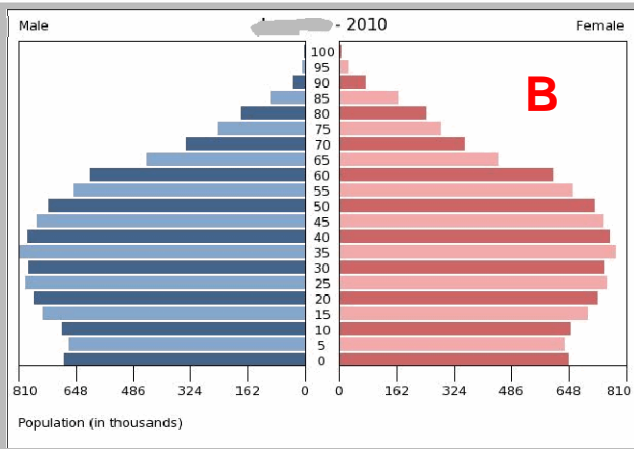
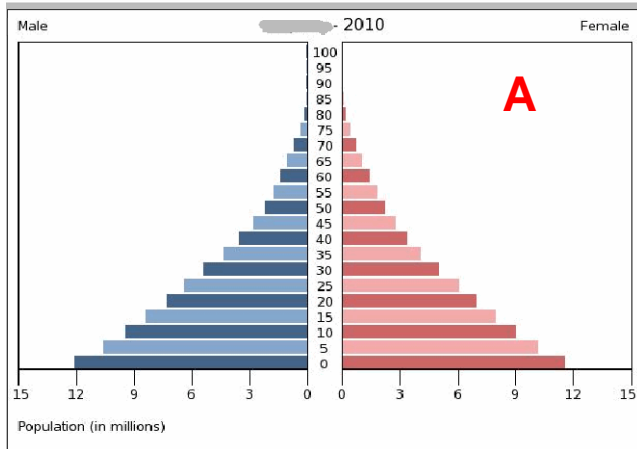
- A Bolivia
- B Fiji
- C Tunisia
- D Mongolia

Look carefully. This satellite image represents:

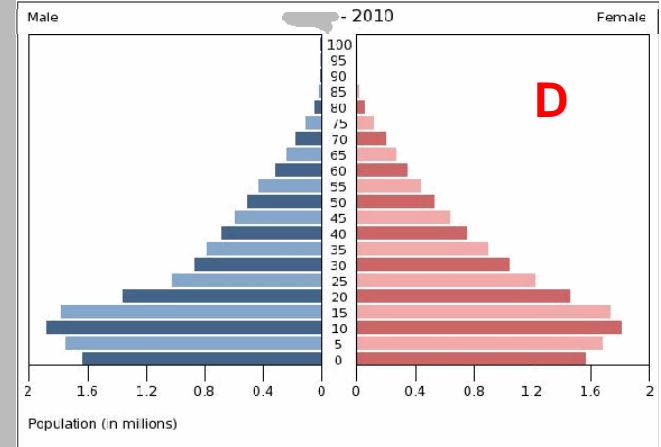
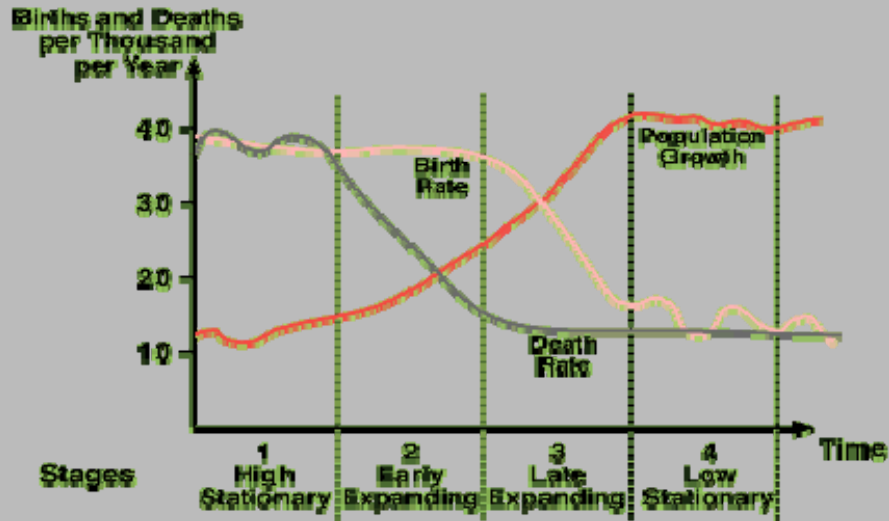


- A cyclones in the South Pacific
- B anticyclones in the North Atlantic
- C cyclones in the North Atlantic
- D anticyclones in the South Pacific

• Question 33



Demographic Transition Model



The diagram on the left shows the Demographic Transition Model. Which population pyramid – identified by letters A to D – is typical of Stage 2?

- **Question 34**

This photo shows a physical geographer (or two!) trapped in rock holes. In which type of rock does this kind of landform usually develop?

- A sandstone
- B limestone
- C granite
- D basalt





What does this film show?

- A annual migration of Orca whales
- B ocean surface currents
- C thermo-haline circulation
- D major global wind systems

✂ a short film :
http://www.youtube.com/watch?v=3niR_-Kv4SM&feature=player_embedded

- Question 36

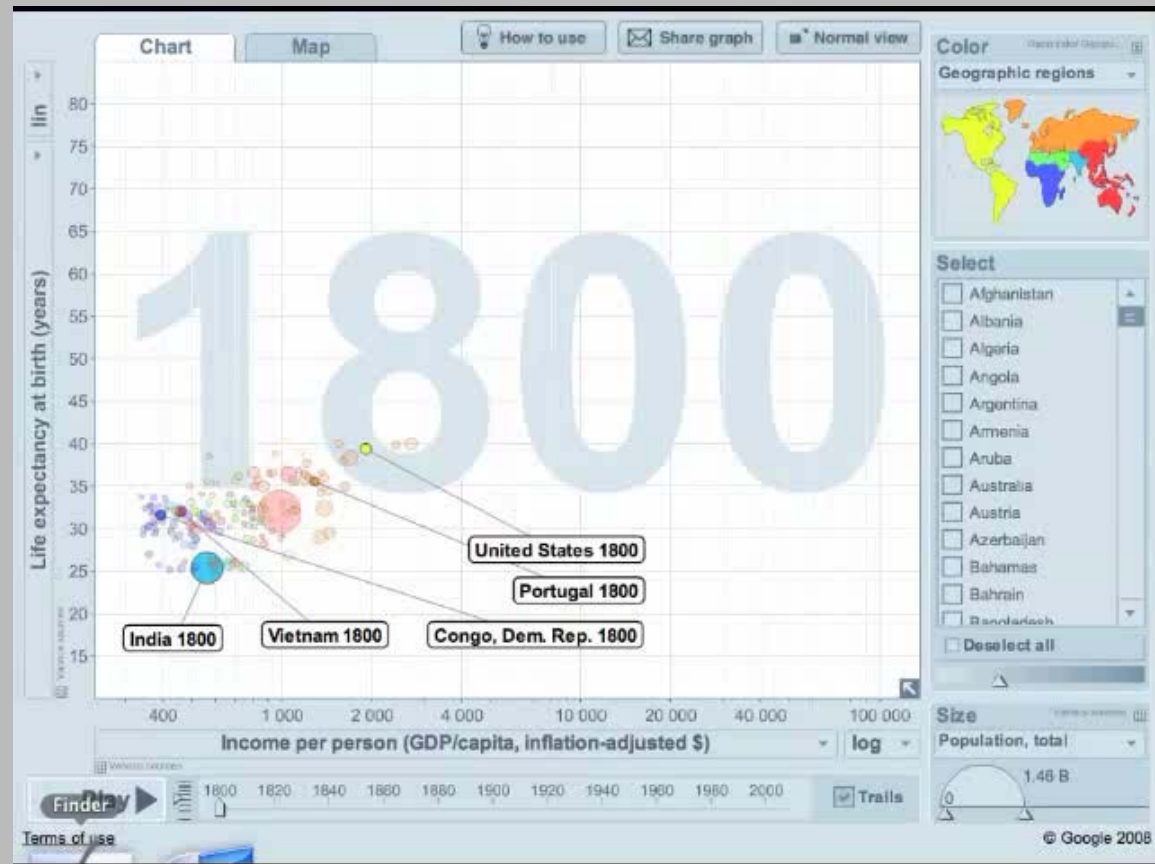
For the inhabitants of Quebec, when this image was taken it was a:

- A summer morning
- B autumn afternoon
- C winter morning
- D spring afternoon



Only one country (Congo Dem. Rep.) among the 5 shown does not follow the typical development path.

What is the main reason for this?



✘ a short film from [Gapminder World](http://0rz.tw/WVdHq) : <http://0rz.tw/WVdHq>

- A natural disaster
- B global warming
- C corruption
- D civil war

What is the immediate cause of the phenomenon you can see in this movie?



- A global warming
- B leaking gas pipelines
- C methane bubbles in the ice
- D gelifluction

❖ a short film :
<http://www.youtube.com/watch?v=B36EoEuKjVg>

- Question 39



What do we call this phenomenon?



- A mud flow
- B landslide
- C creep
- D solifluction

✂ a short film :

<http://www.youtube.com/watch?v=JJudA7Mbz98>

- Question 40



This is a typical example of:



- A a strato volcano erupting
- B the formation of a caldera
- C a shield volcano erupting
- D pyroclastic clouds

✂ a short film :
<http://www.youtube.com/watch?v=488BkTUsMa4&feature=related>