

A-level GEOGRAPHY

Paper 1 Physical geography

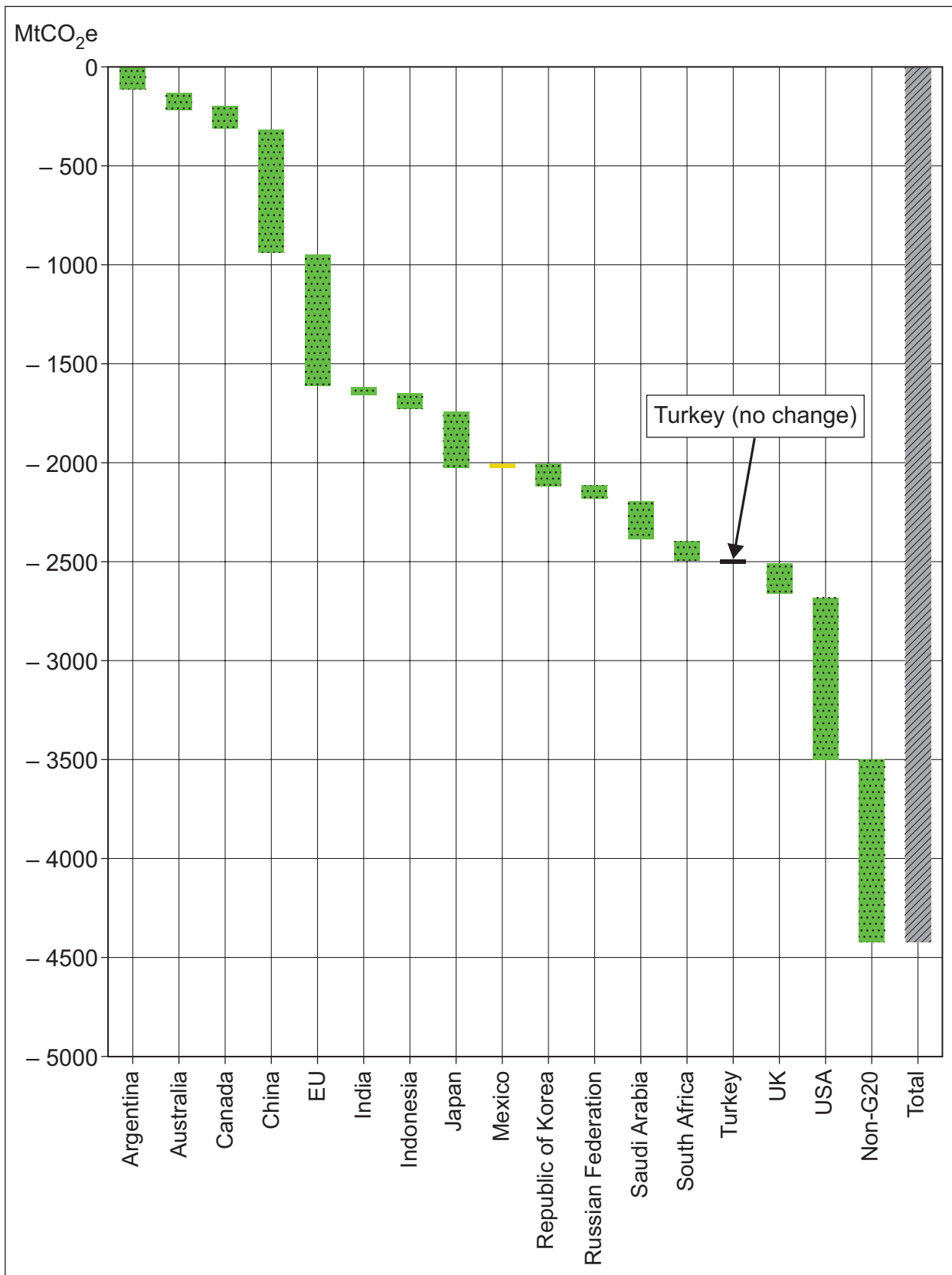
Insert

This insert contains:

- Figure 1 for use with Question 1
- Figure 2 for use with Question 1
- Figure 3 for use with Question 2
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Figure 1

The projected cumulative changes in greenhouse gas emissions by selected countries and groups of countries from 2015 to 2030



See Key and Note on page 3

Key and Note for Figure 1**Key**

-  Decrease in emissions
-  Increase in emissions
-  No change
-  Overall change in emissions

Note: MtCO₂e = Million tonnes of carbon dioxide equivalent.

The zero line represents the position in 2015.

Non-G20 refers to all countries outside of the most powerful economies of the world.

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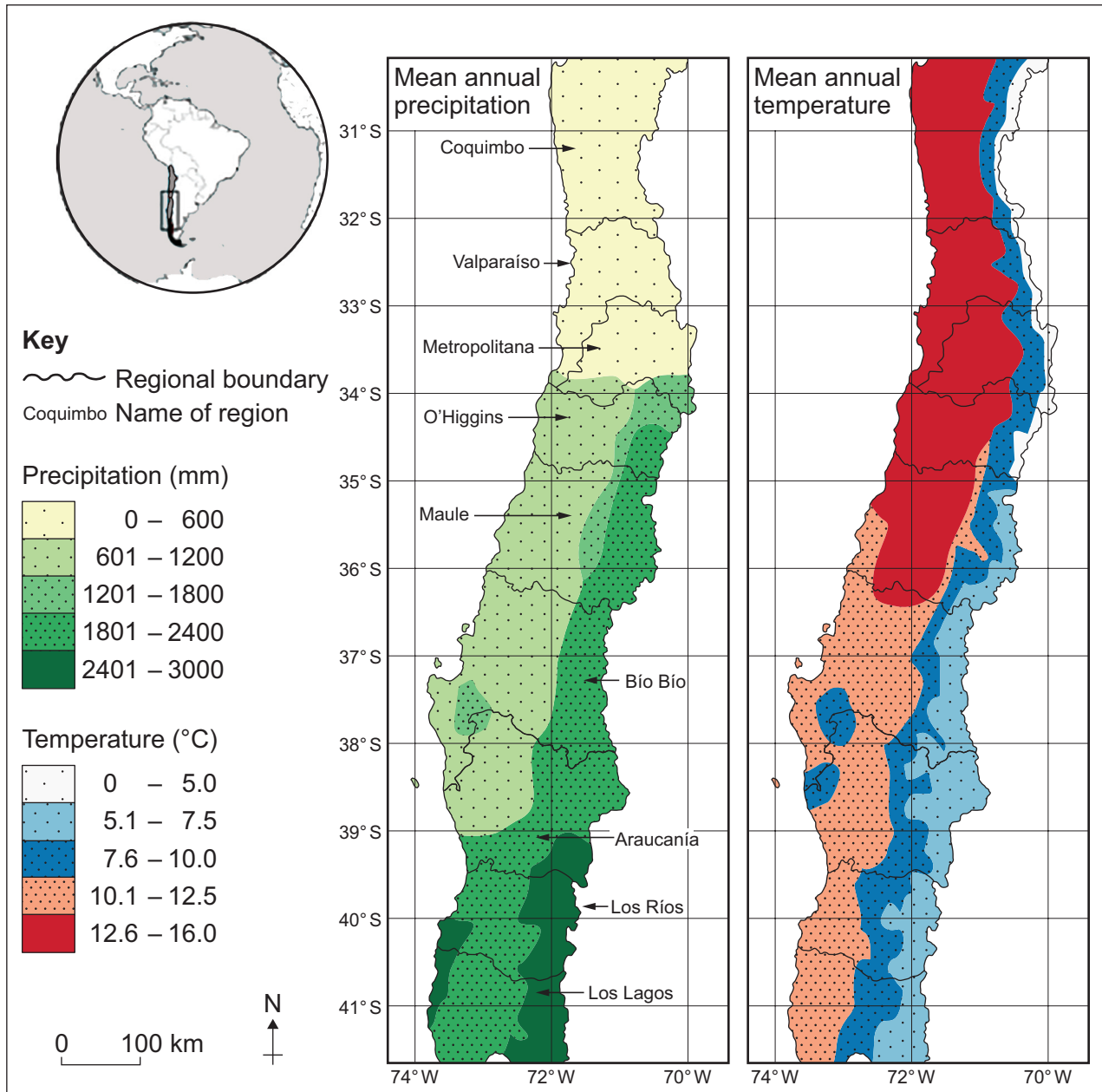
Figure 2**A simplified sustainable water supply system in north-east Ohio, USA**

The graphic showing a simplified sustainable water supply system cannot be reproduced here due to third-party copyright restrictions.

Note: A sustainable water supply meets the present-day need for safe, reliable and affordable water. It also minimises adverse effects on the environment, whilst protecting water supply for future generations.

Figure 3

Mean annual precipitation and mean annual temperature in central Chile



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Figure 4

Progress in the development of the Great Green Wall reforestation scheme
in the Sahel region of Africa

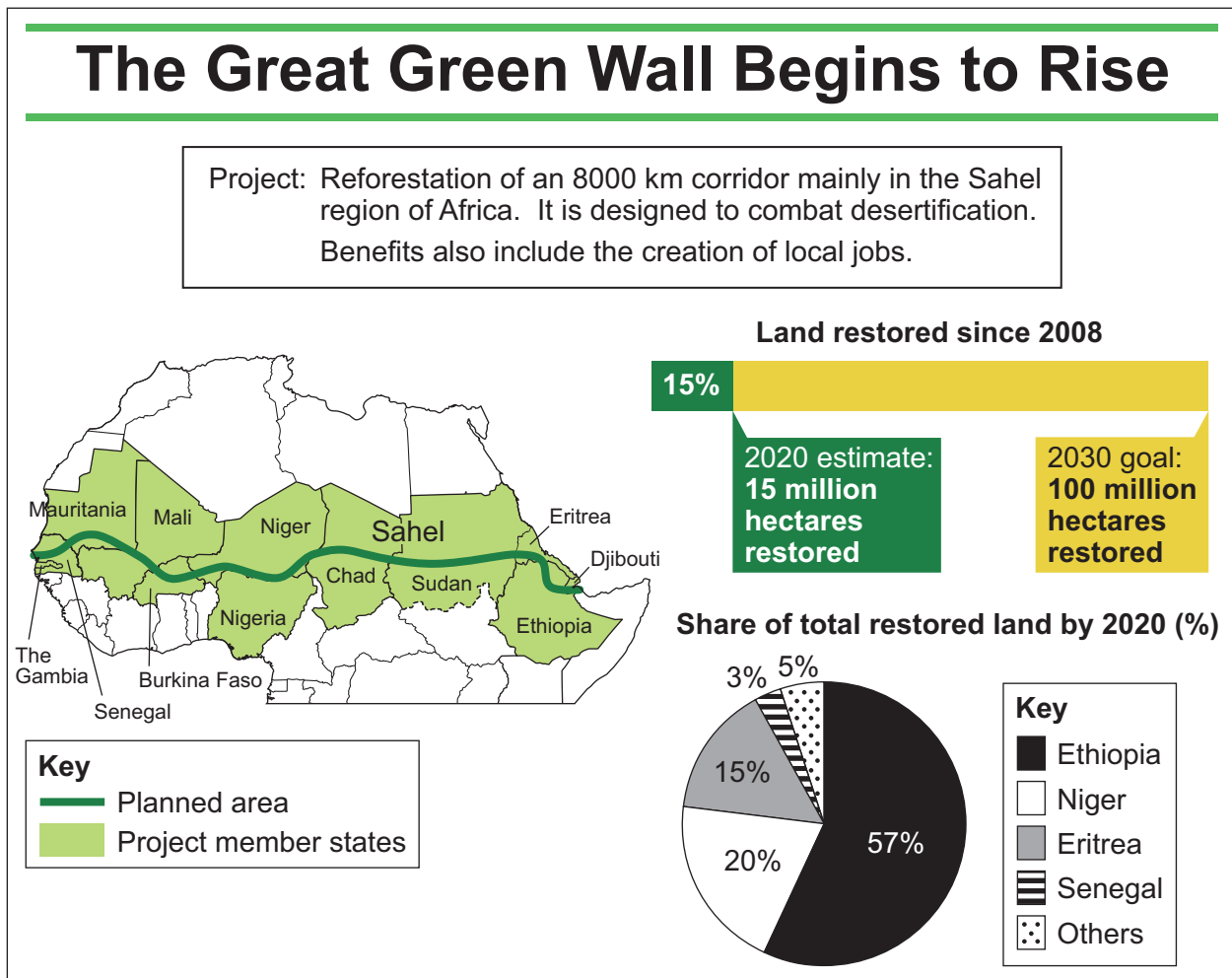
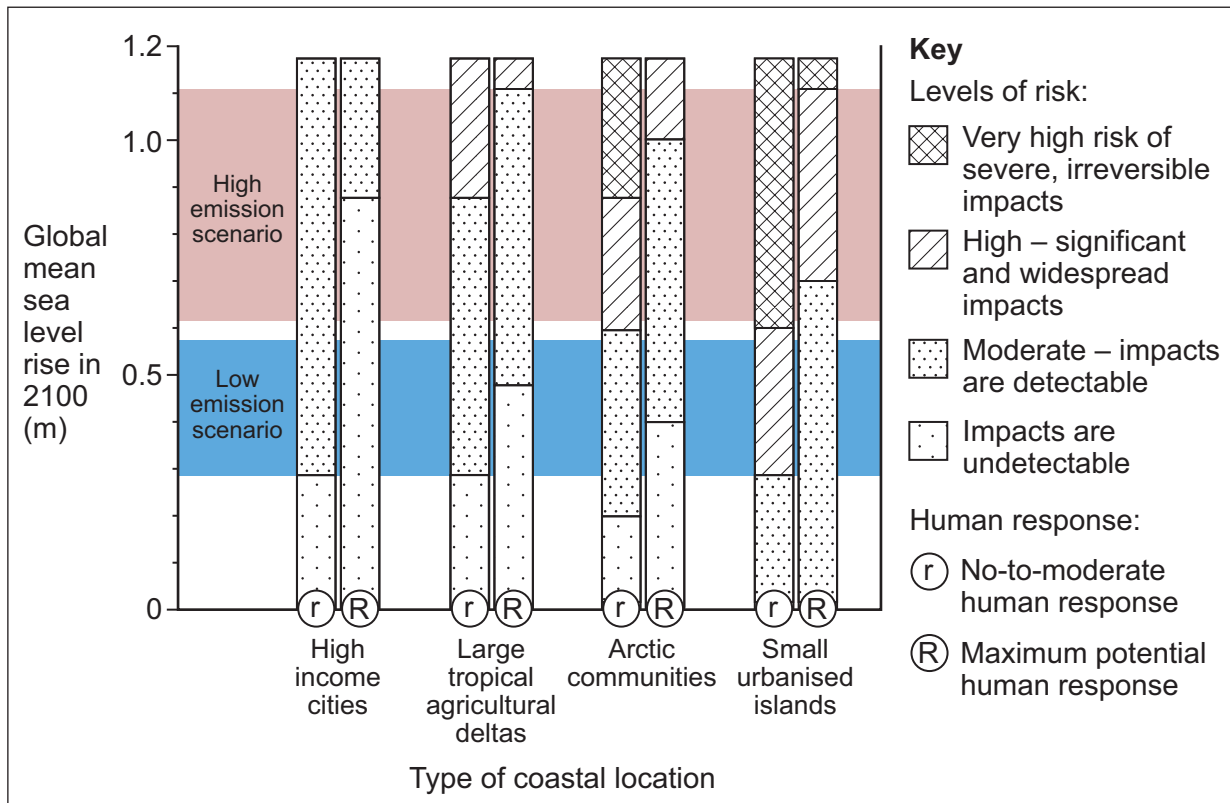


Figure 5

Risk in the year 2100 under different sea level rise and human response scenarios in four types of coastal locations



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Figure 6

Five steps of an integrated flood management plan aimed at reducing risk of coastal flooding

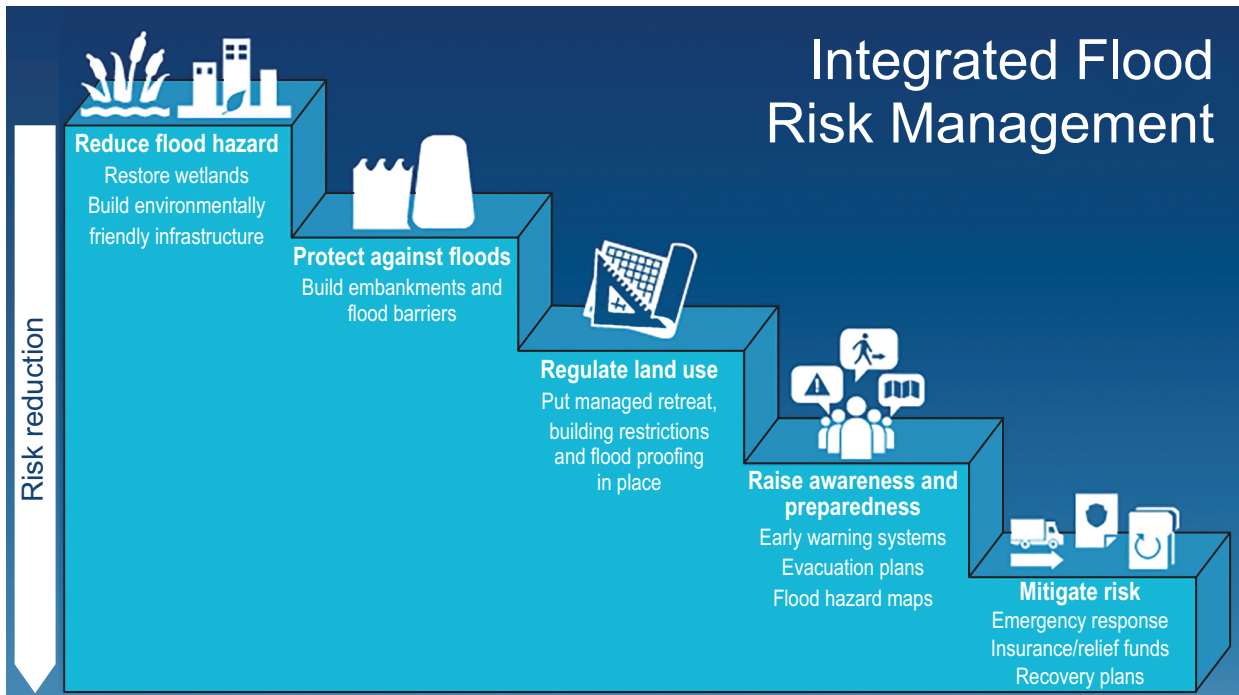
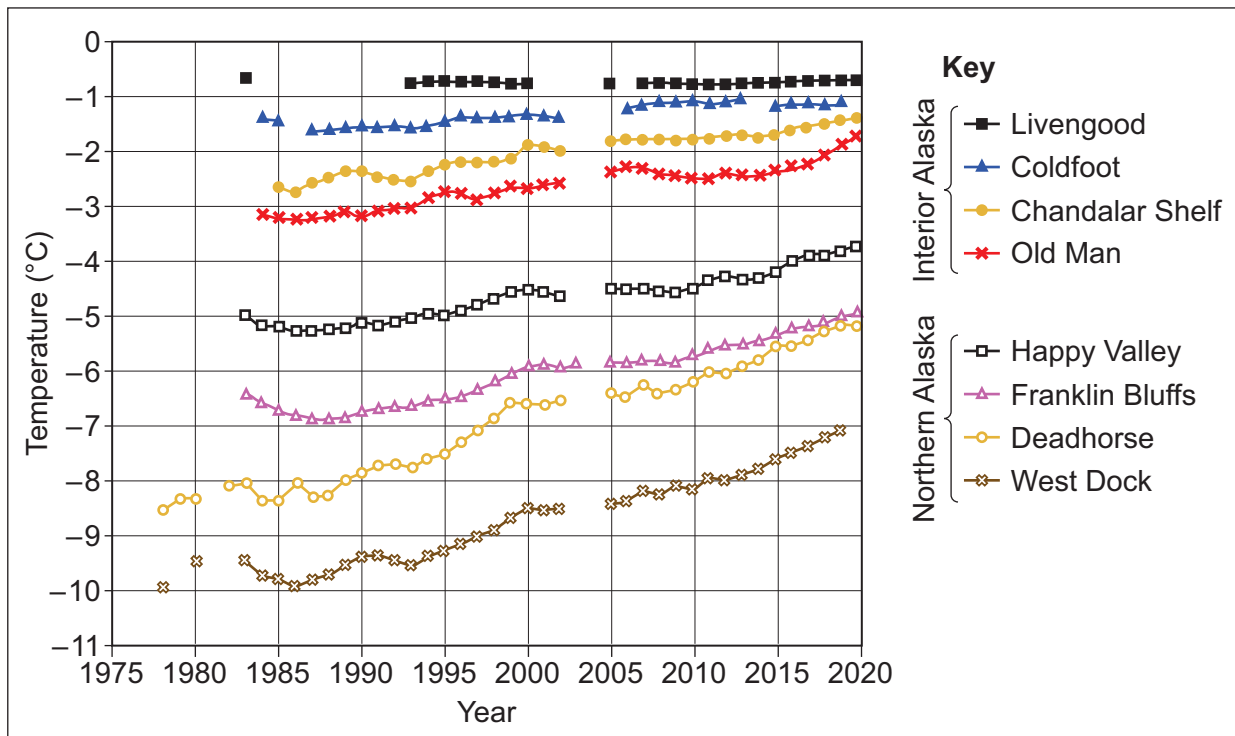


Figure 7

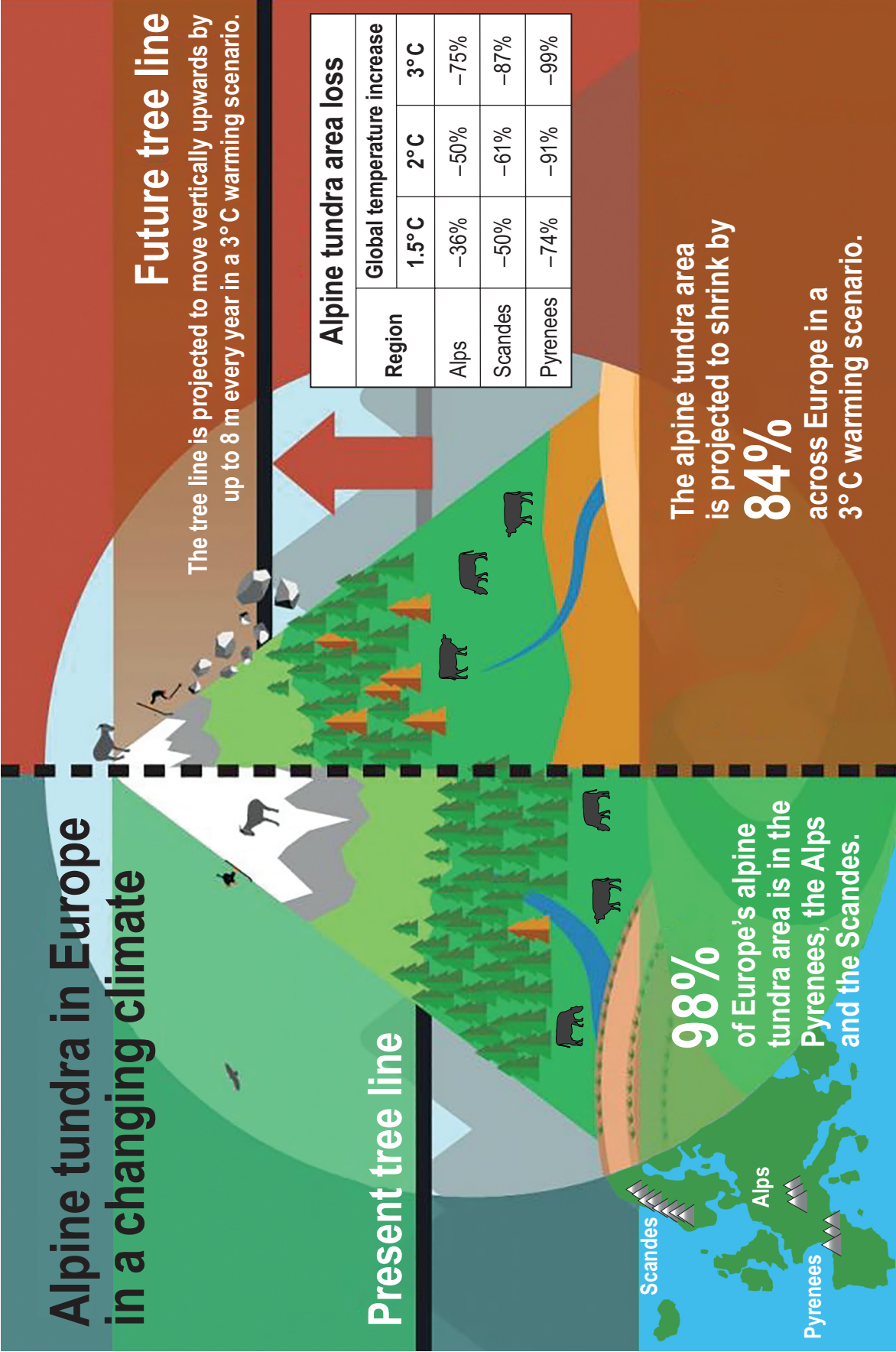
Permafrost temperature variation in interior Alaska compared to northern Alaska from 1978 to 2020



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Figure 8

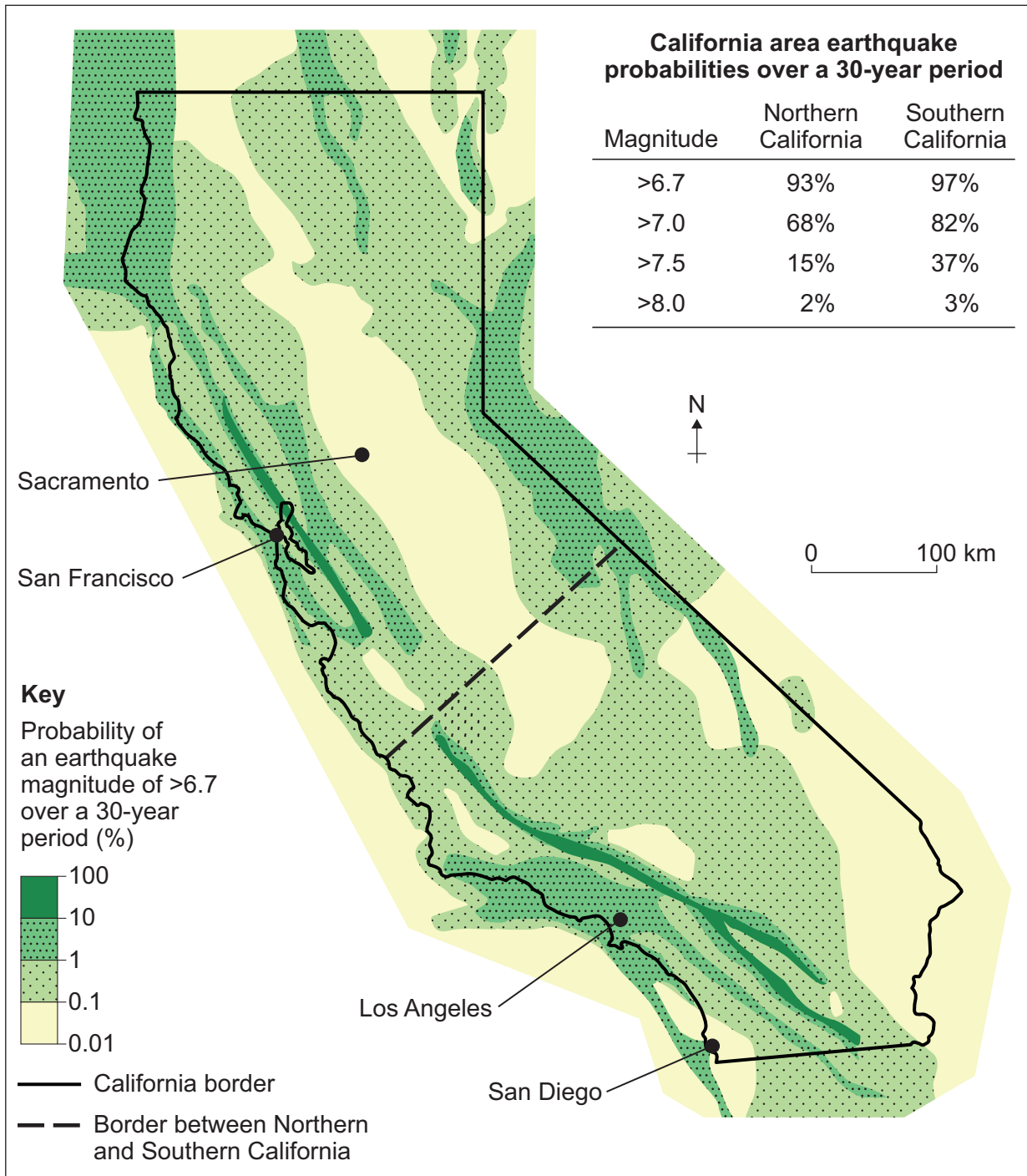
The impact on alpine tundra of a changing climate in Europe



Note: Alpine tundra is characterised by ground level shrubs. The harsh climate prevents tree growth.

Figure 9

Probabilities of an earthquake greater than magnitude 6.7 (Richter Scale) in California and the probability of different magnitude events over a 30-year period



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Figure 10

Information about the impacts of Tropical Storm Megi in the Philippines in 2022

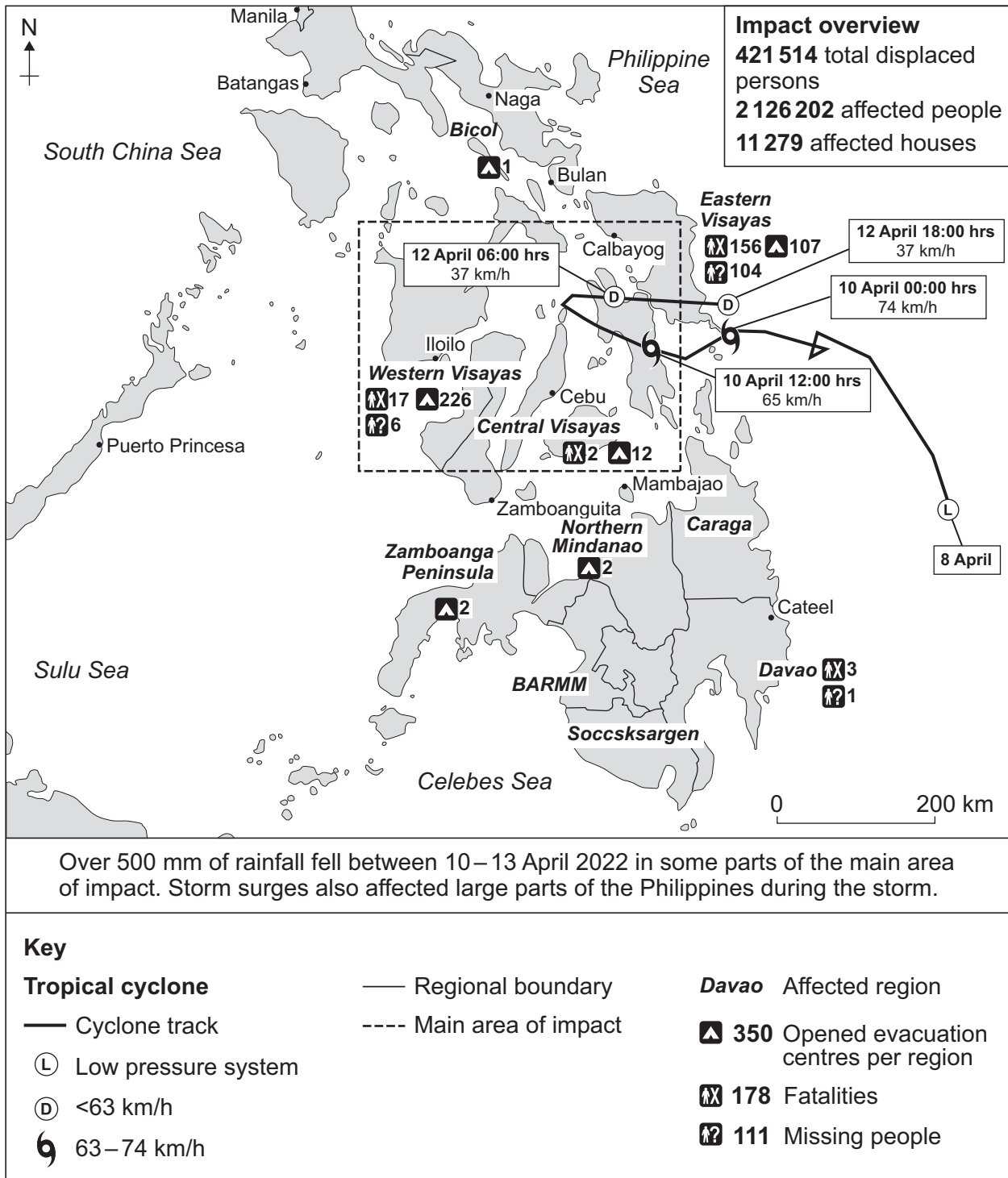
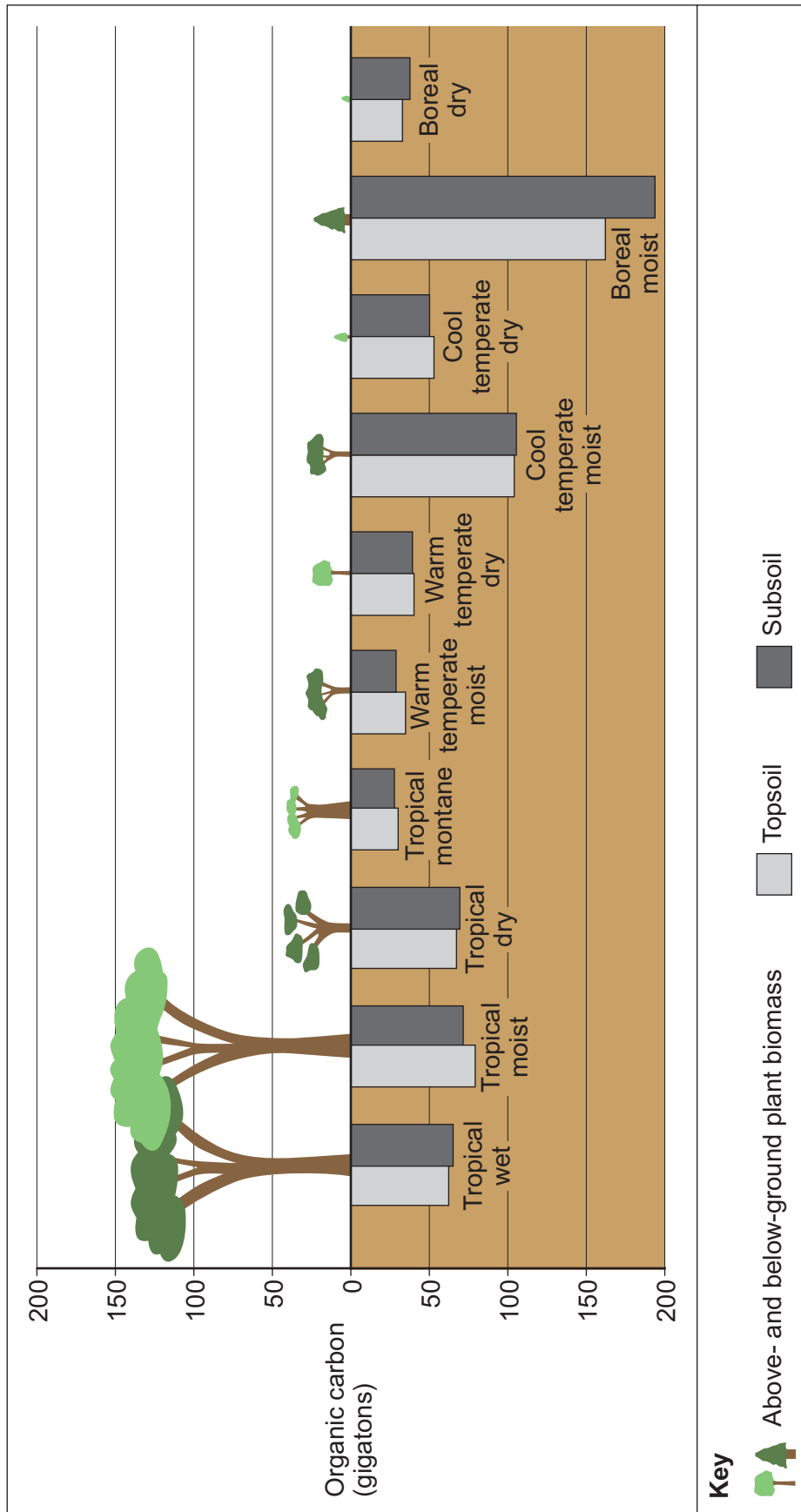
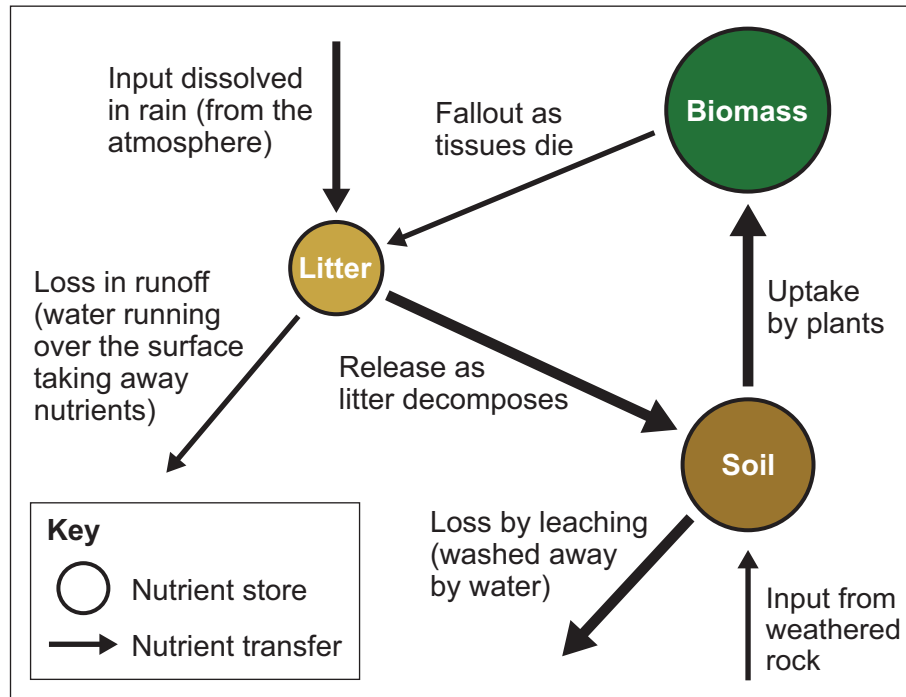


Figure 11

The amount of organic carbon stored in different parts of various world biomes



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Figure 12**The nutrient cycle in a typical temperate deciduous woodland**

Note: Size of nutrient stores and transfers are drawn proportionally to each other.

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