



GCE A Level

1110U30-1

THURSDAY, 6 JUNE 2019 – AFTERNOON

GEOGRAPHY – A2 unit 3

Global Systems and Global Governance

2 hours plus your additional time allowance

ADDITIONAL MATERIALS

A WJEC pink 16-page answer booklet.

INSTRUCTIONS TO CANDIDATES

Use black ink, black ball-point pen or your usual method.

Write your answers in the separate answer booklet provided.

Write your name, centre number and candidate number in the spaces at the top of the answer booklet.

Answer questions 1 AND 2 and EITHER 3 OR 4 in Section A.

Answer questions 5 AND 6 and EITHER 7 OR 8 in Section B.

Answer ONE question in Section C.

INFORMATION FOR CANDIDATES

The number of marks is given in brackets [] at the end of each question or part-question; you are advised to divide your time accordingly.

THIS PAPER REQUIRES THAT YOU MAKE AS FULL USE AS POSSIBLE OF APPROPRIATE EXAMPLES AND REFERENCE TO DATA TO SUPPORT YOUR ANSWERS. SKETCH MAPS AND DIAGRAMS SHOULD BE INCLUDED WHERE RELEVANT.

SECTION A: GLOBAL SYSTEMS

**ANSWER QUESTIONS 1 AND 2 and
EITHER 3 OR 4.**

**Make the fullest possible use of examples in
support of your answers.**

1 (a)(i)

**Using FIGURE 1 opposite state the rainfall
intensity at Grizzly Peak. [1]**

**(ii) Suggest ONE reason for the use of a logarithmic
scale to display these data. [2]**

**(b) Explain TWO causes of overland flow in a drainage
basin system. [5]**

- 2 (a) Suggest TWO reasons for variations in the size of carbon stores shown in FIGURE 2 opposite. [5]
- (b) Outline TWO ways in which human activity can lead to changes in the size of the carbon store in the tropical rainforest. [4]

EITHER

- 3 Examine the role of human factors in generating excess runoff. [18]

OR

- 4 Examine how carbon pathways and processes vary over time. [18]

**SECTION B: GLOBAL GOVERNANCE:
CHANGE AND CHALLENGES**

Answer questions 5 AND 6, and EITHER 7 OR 8.

Make the fullest possible use of examples in support of your answers.

- 5 (a) Use FIGURE 3 opposite to describe the global distribution of the Indian diaspora. [3]**
- (b) Outline ONE way in which superpowers may influence flows of international migrants. [5]**

- 6 (a) Suggest TWO consequences of the exploitation of marine ecosystems for countries reliant on fish such as those shown in FIGURE 4 opposite. [5]**
- (b) Outline TWO causes of ocean pollution. [4]**

EITHER

- 7 Examine the success of actions to tackle refugee movements. [18]**

OR

- 8 Examine why the ownership of ocean resources sometimes leads to international conflicts. [18]**

SECTION C: 21ST CENTURY CHALLENGES

Answer EITHER question 9 OR question 10.

In your answer to either question 9 OR 10, you should use the resources in Figures 5, 6, 7 and 8 and apply your knowledge and understanding from across the whole specification.

EITHER

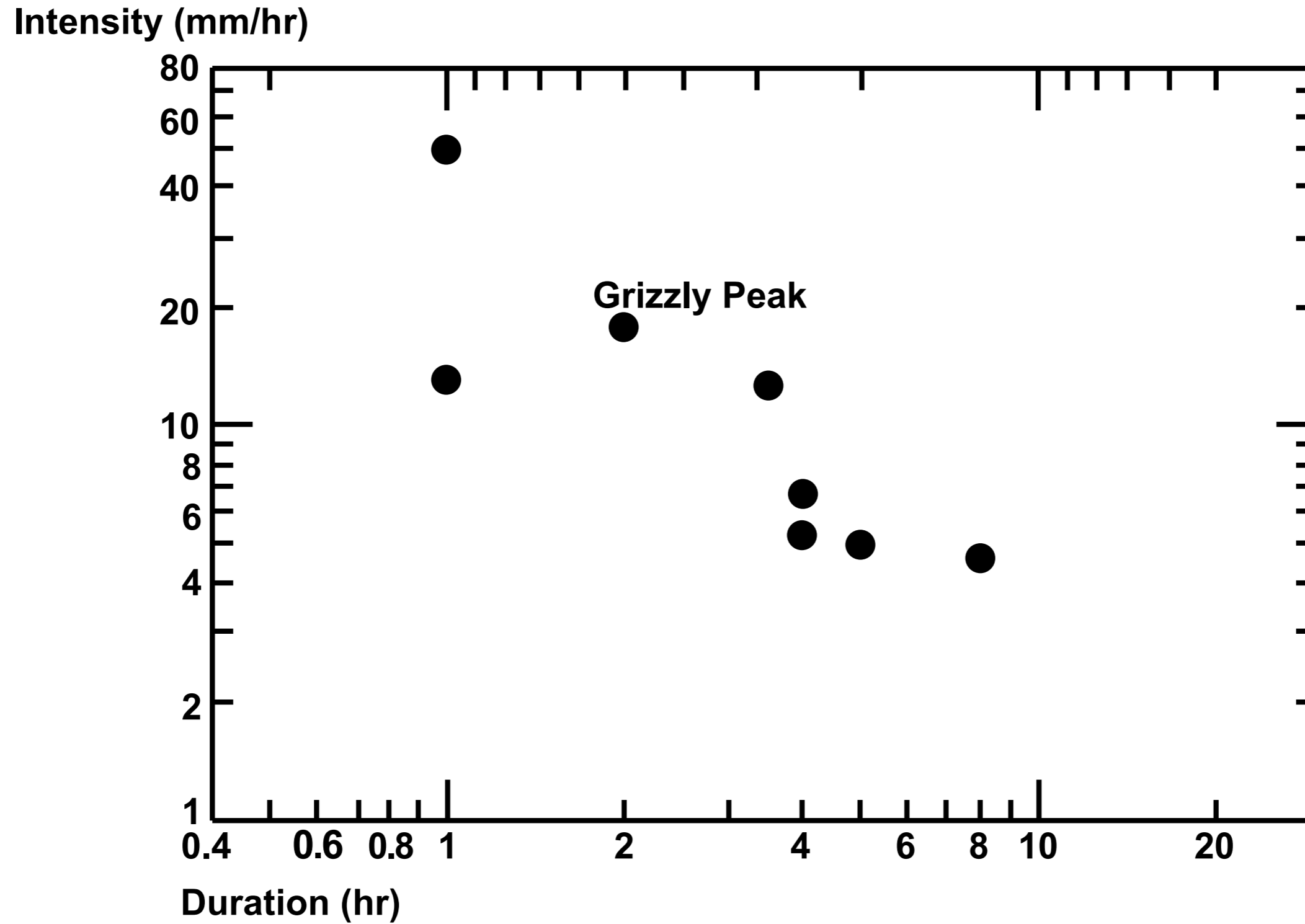
9 Discuss the view that migration leads to positive changes to the characteristics of places. [26]

OR

10 Discuss the view that the causes of migration are mainly human. [26]

END OF PAPER

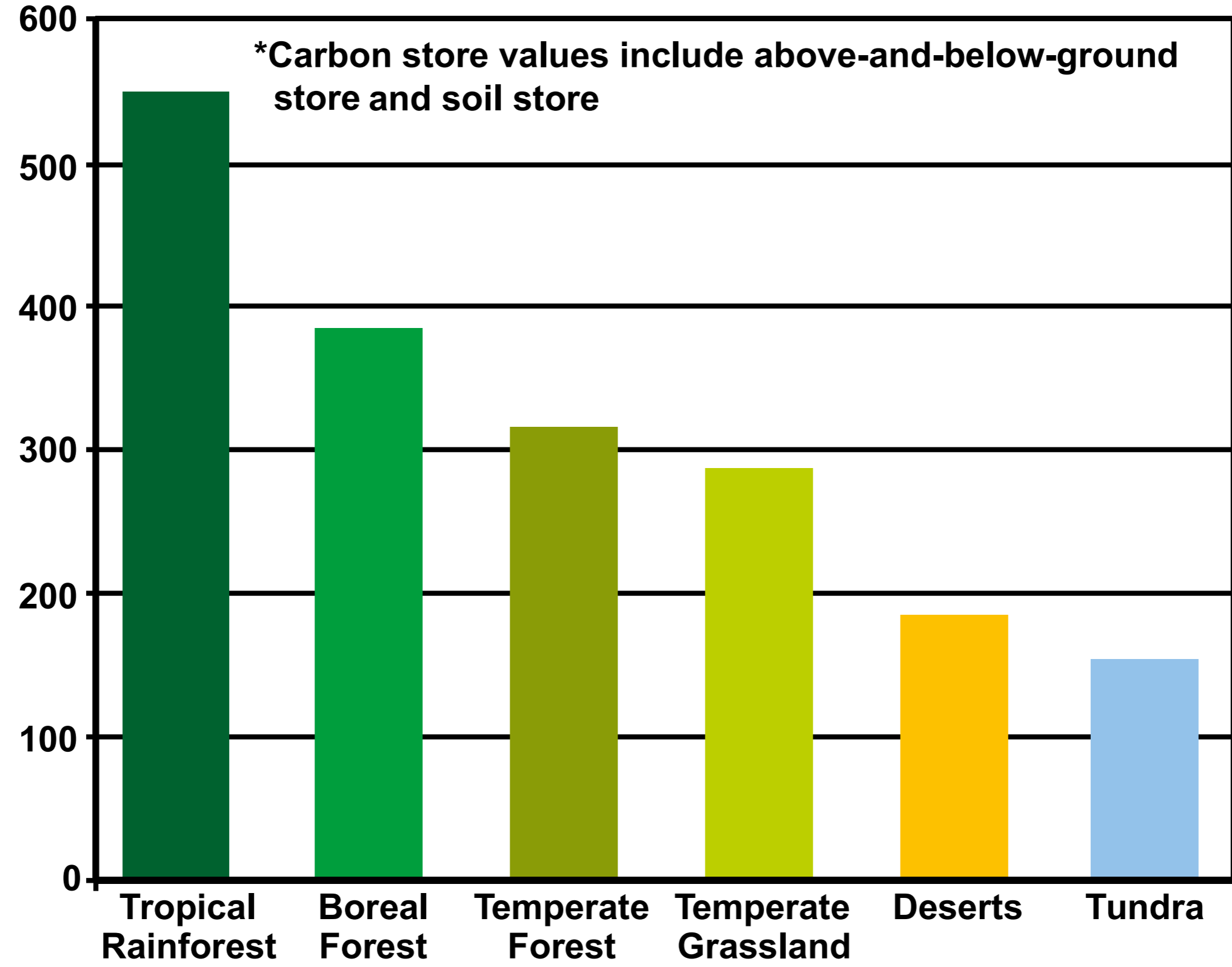
FIGURE 1: RAINFALL INTENSITY AND DURATION AT LOCATIONS ALONG THE COLORADO RIVER, USA



Source: Adapted from www.citeseerx.ist.psu.edu

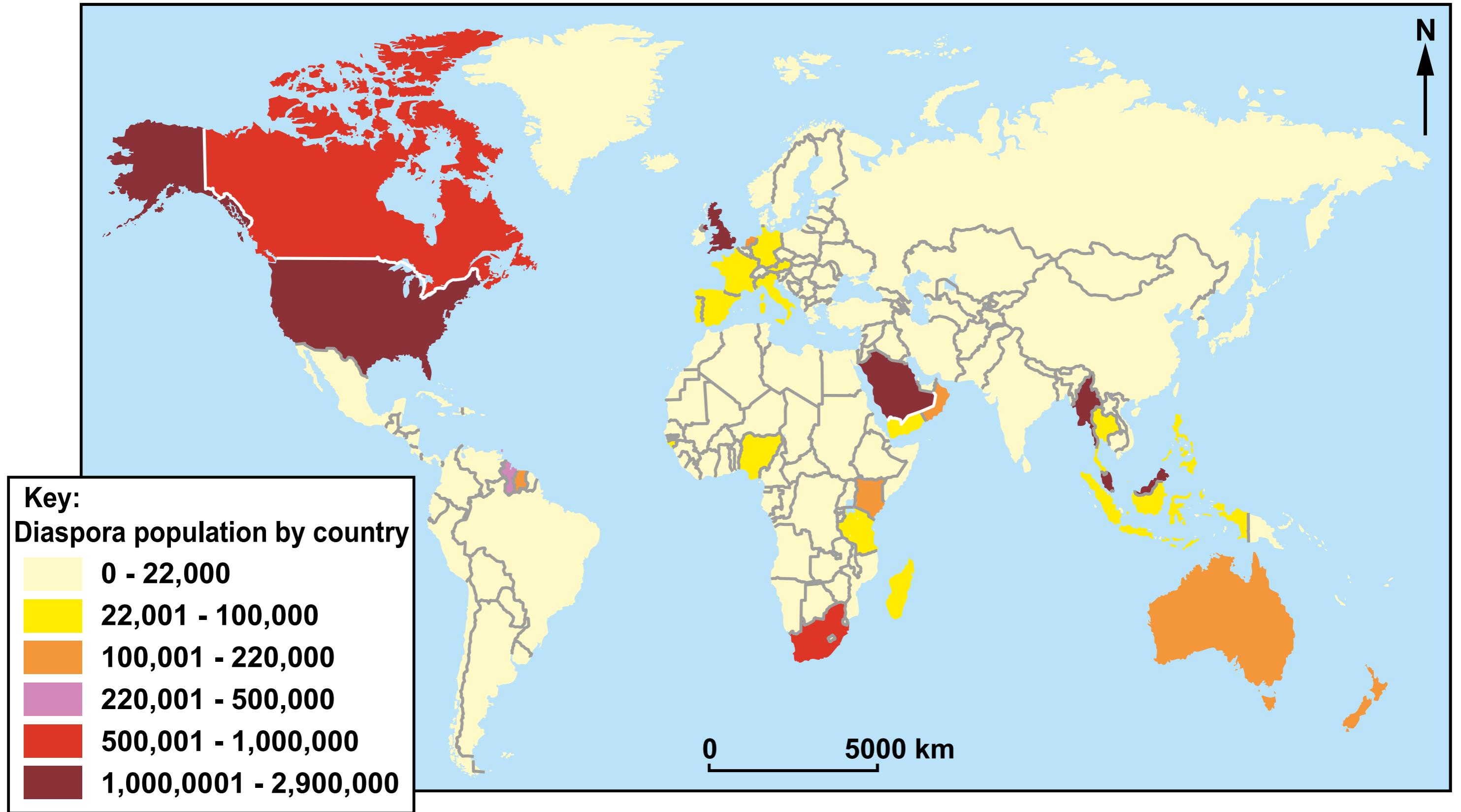
**Carbon Store
(Billion tonnes)***

FIGURE 2: CARBON STORES IN SELECTED BIOMES



Source: Adapted from Olson, D.M., Terrestrial Ecoregions of the World: A New Map of Life on Earth

FIGURE 3: GLOBAL DISTRIBUTION OF THE INDIAN DIASPORA



Source: Global Mapping International

FIGURE 4: PERCENTAGE CHANGE IN MARITIME CATCH POTENTIAL OFF THE AFRICAN COAST BY 2050 (RELATIVE TO 2000 LEVELS)

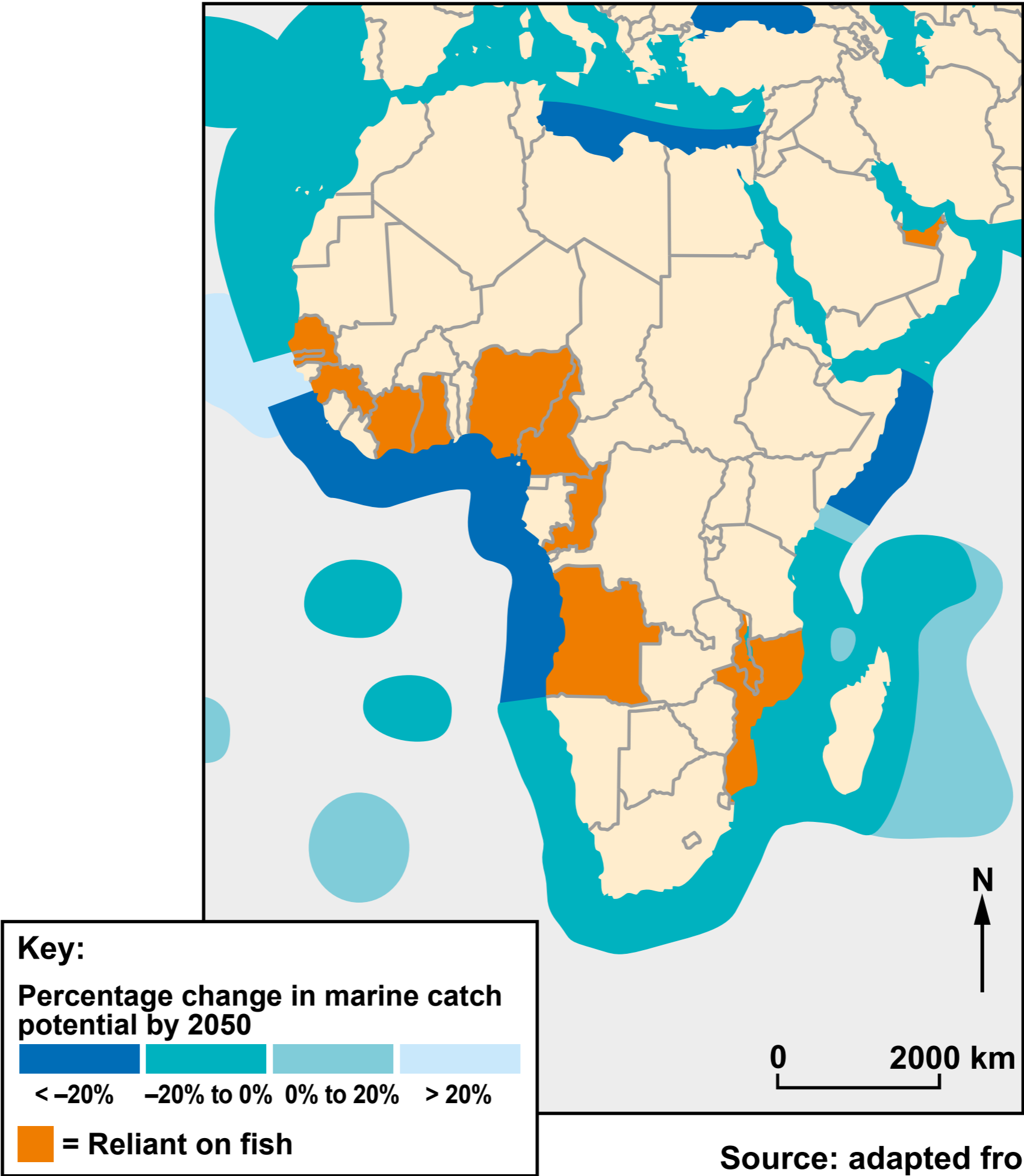
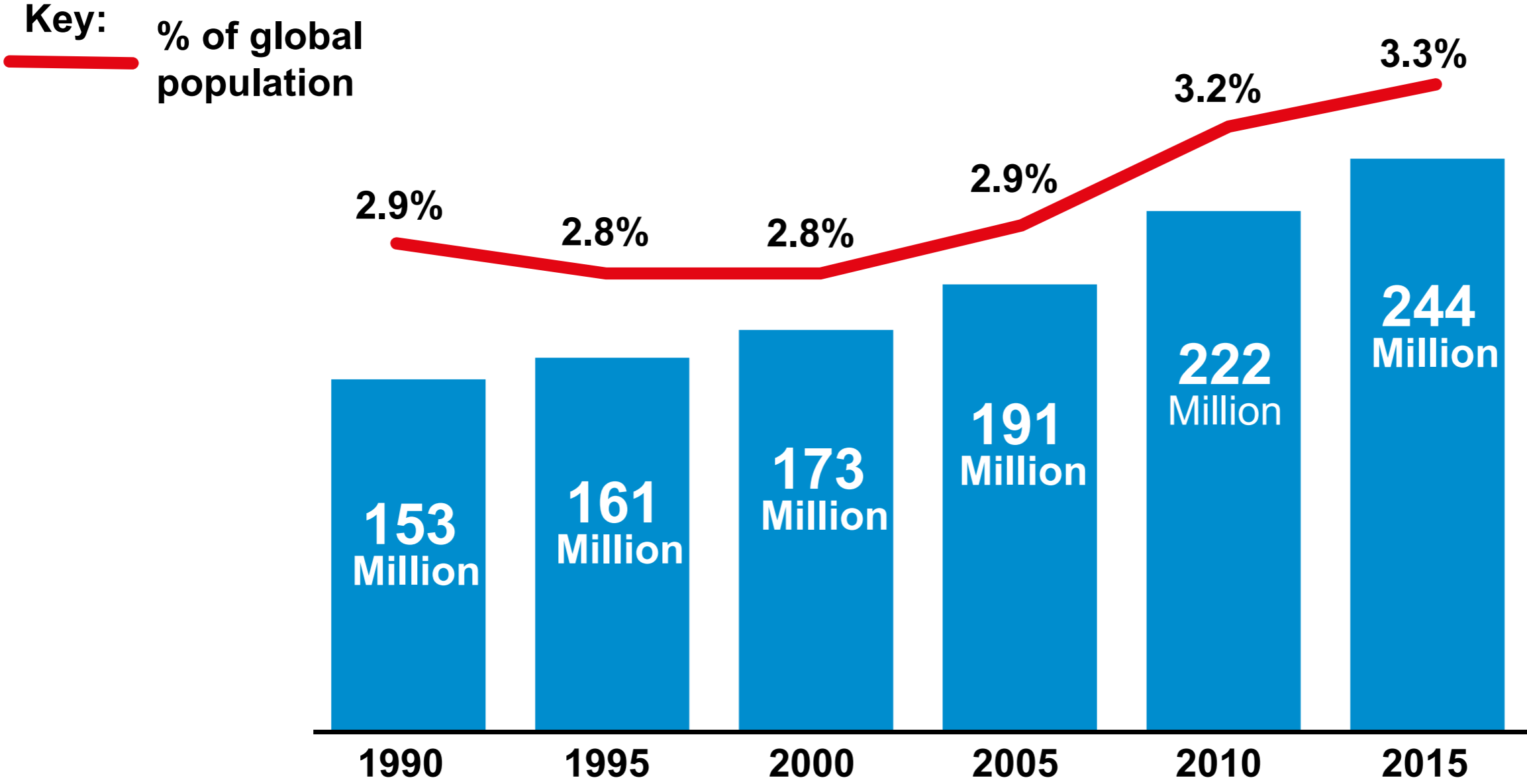


FIGURE 5: GLOBAL INCREASE IN INTERNATIONAL MIGRATION, 1990-2015



Source: www.iom.int

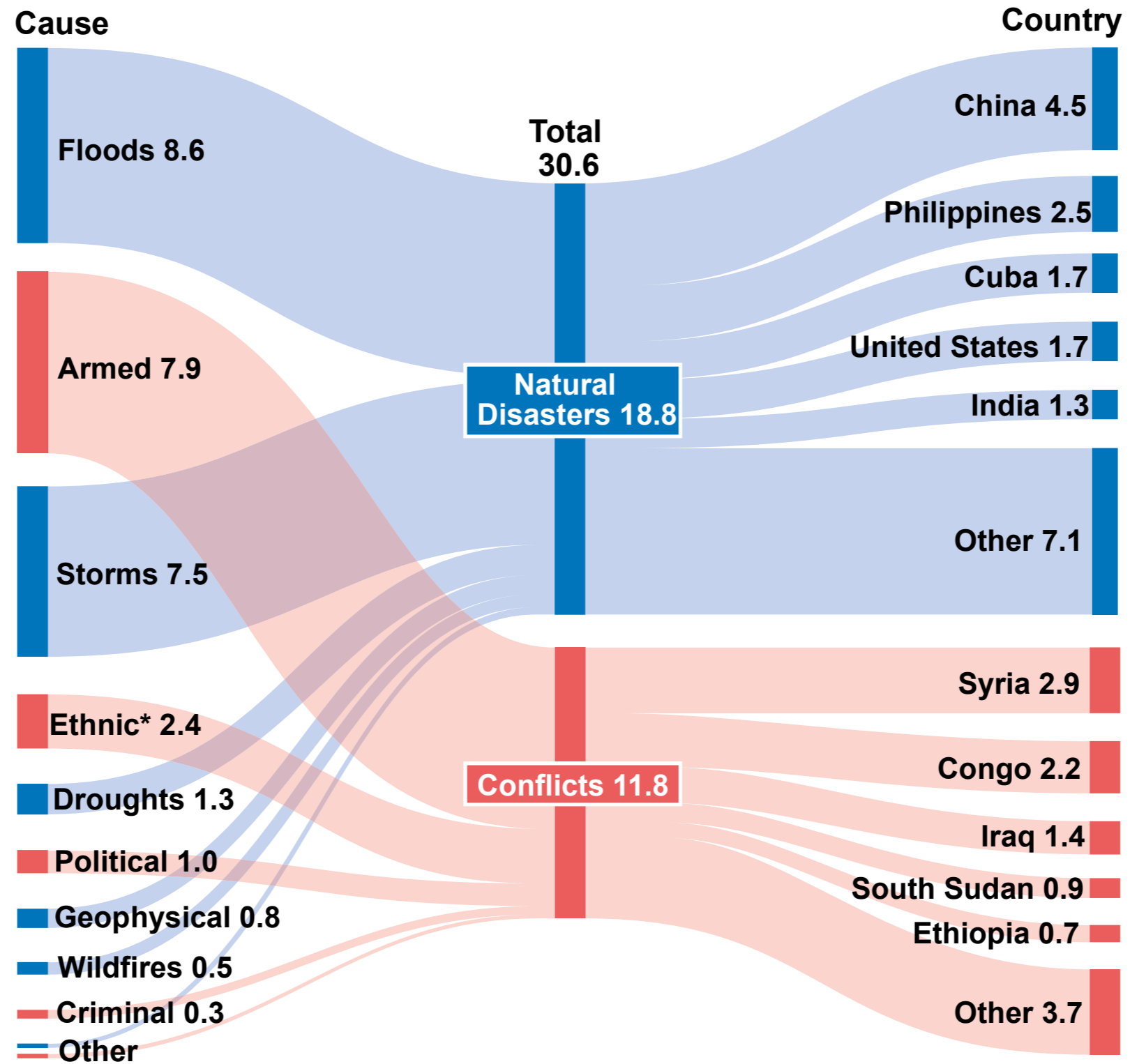
FIGURE 6: COWBRIDGE ROAD, CARDIFF: A MULTICULTURAL COMMUNITY



Source: olivesandartichokes.wordpress.com

FIGURE 7: CAUSES OF INTERNAL DISPLACEMENT OF PEOPLE BY COUNTRY, 2017

Graphic shows number of people (millions) displaced by each natural disaster/conflict type.



*Ethnic, religious or inter-communal violence

Source: The Economist

FIGURE 8: POSTER DISPLAYED IN MAINLINE RAILWAY STATIONS IN WALES, 2015

**I AM AN
IMMIGRANT**

**“I ASSIST AROUND
1000 CUSTOMERS
DAILY AND HAVE
BEEN WORKING IN
NATIONAL RAIL
STATIONS FOR
15 YEARS”**

NAME: MARY CHASI

COUNTRY OF ORIGIN: ZIMBABWE

OCCUPATION: CUSTOMER SERVICE ASSISTANT