

**Edexcel GCE**

# **Geography**

**Advanced Subsidiary  
Unit 1: Global Challenges  
Resource Booklet**

Friday 21 May 2010 – Morning

Paper Reference

**6GE01/01**

**Do not return the Resource Booklet with the question paper.**

*Turn over* ►

**M34128RA**

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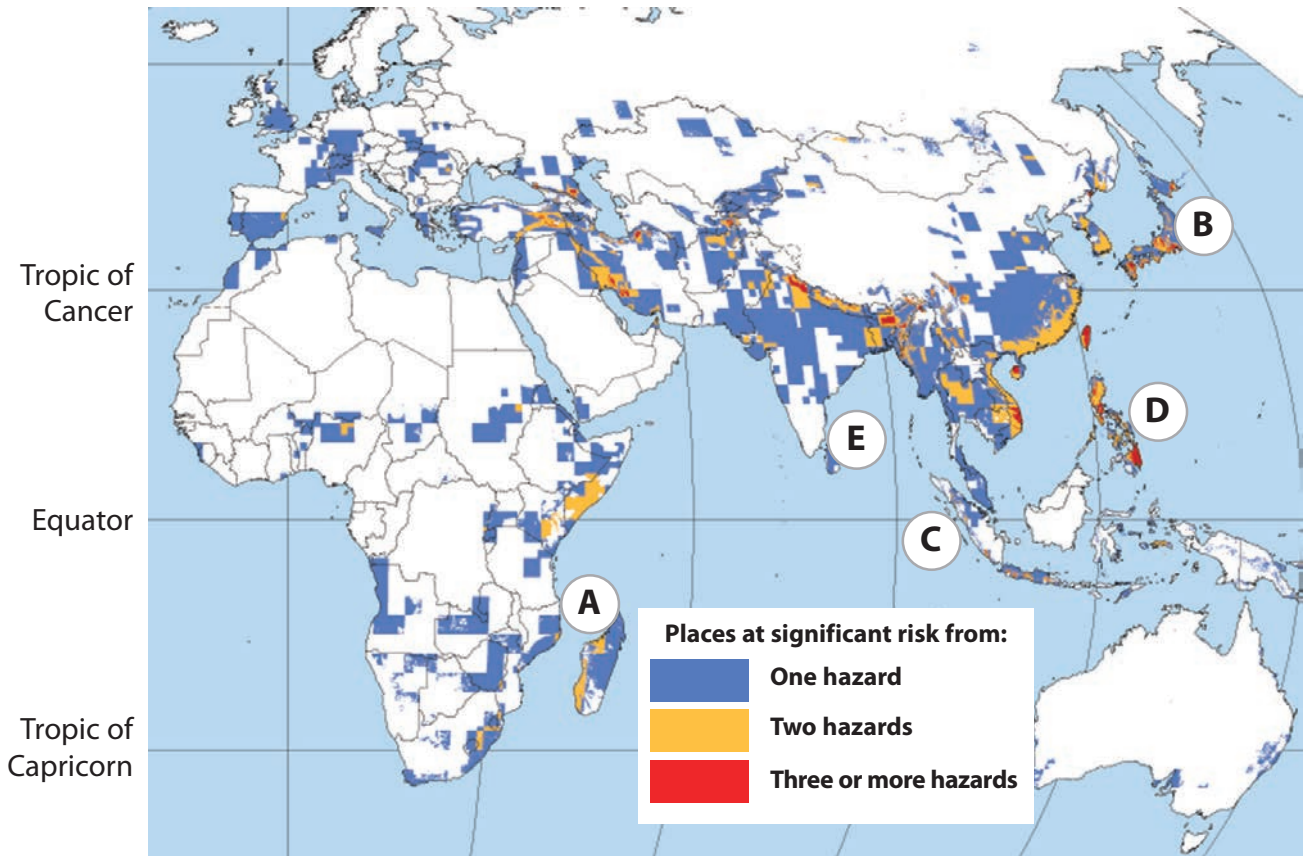
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### SECTION A

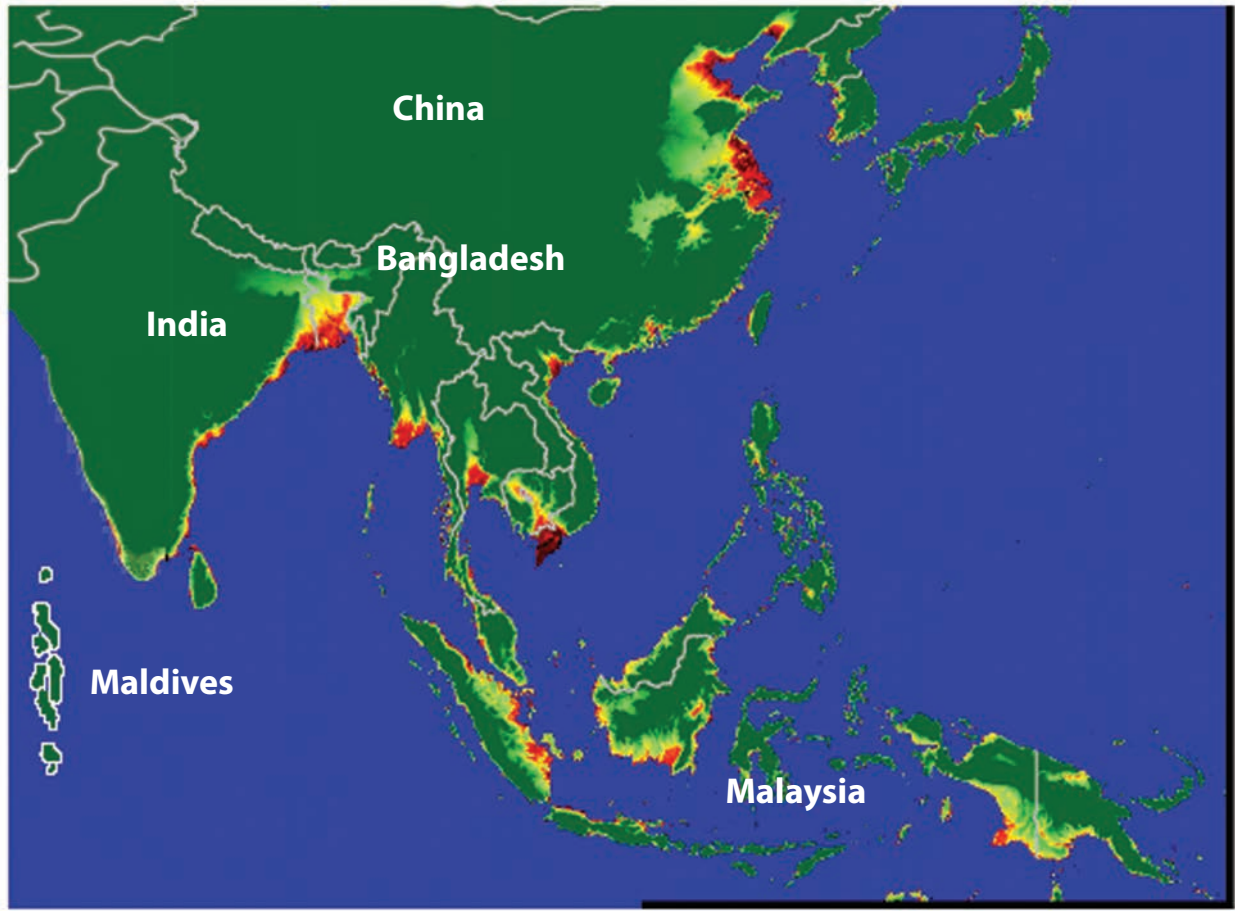
The following resources relate to Questions 1–6

**Figure 1** The number of natural hazards found in parts of the world



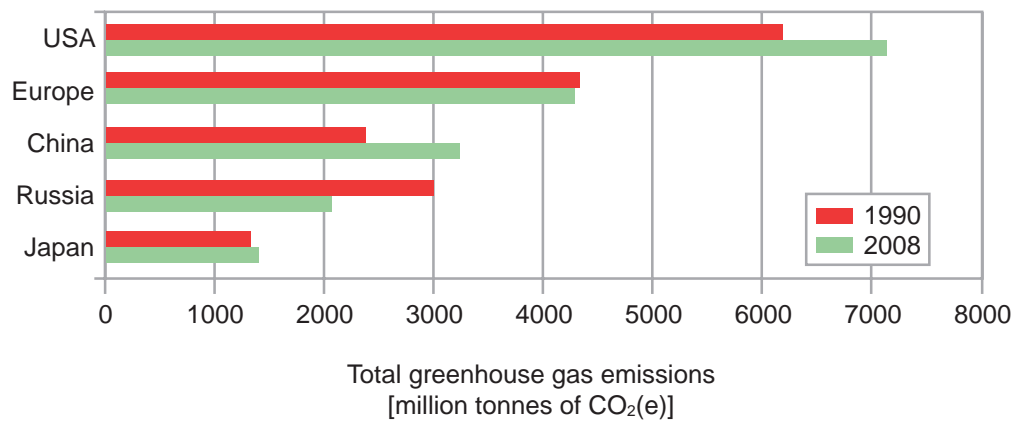
(Source: <http://sedac.ciesin.org/>)

Figure 2 The risk of sea level rise and land losses in southeast Asia



(Source: [www.globalwarmingart.com](http://www.globalwarmingart.com))

**Figure 3 Changing greenhouse gas emissions for selected countries and regions**

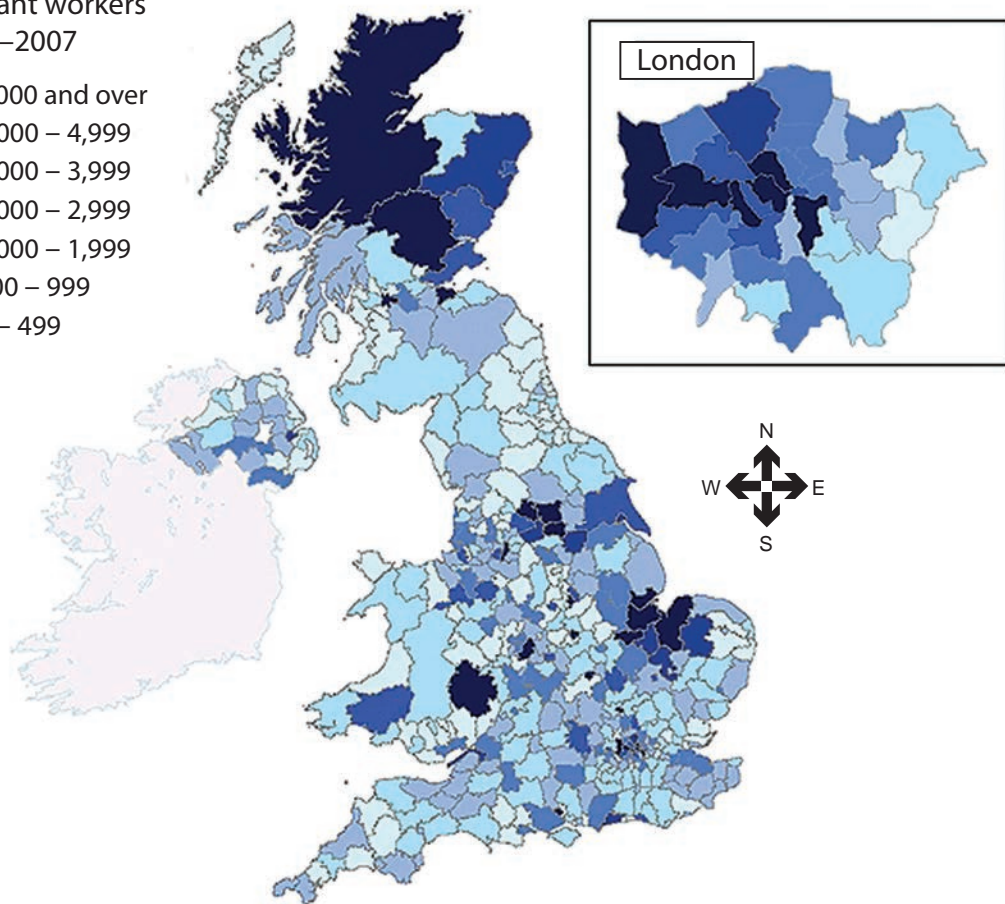


(Source: UNFCC)

**Figure 4 Eastern European migrants living in different parts the UK**

Registered migrant workers 2004–2007

- 5,000 and over
- 4,000 – 4,999
- 3,000 – 3,999
- 2,000 – 2,999
- 1,000 – 1,999
- 500 – 999
- 1 – 499



**Figure 5** Sustainable urban living strategies in San Francisco



(Image source: <http://www.panoramio.com/photo/3792853>)

Figure 6 An example of an ethical purchase

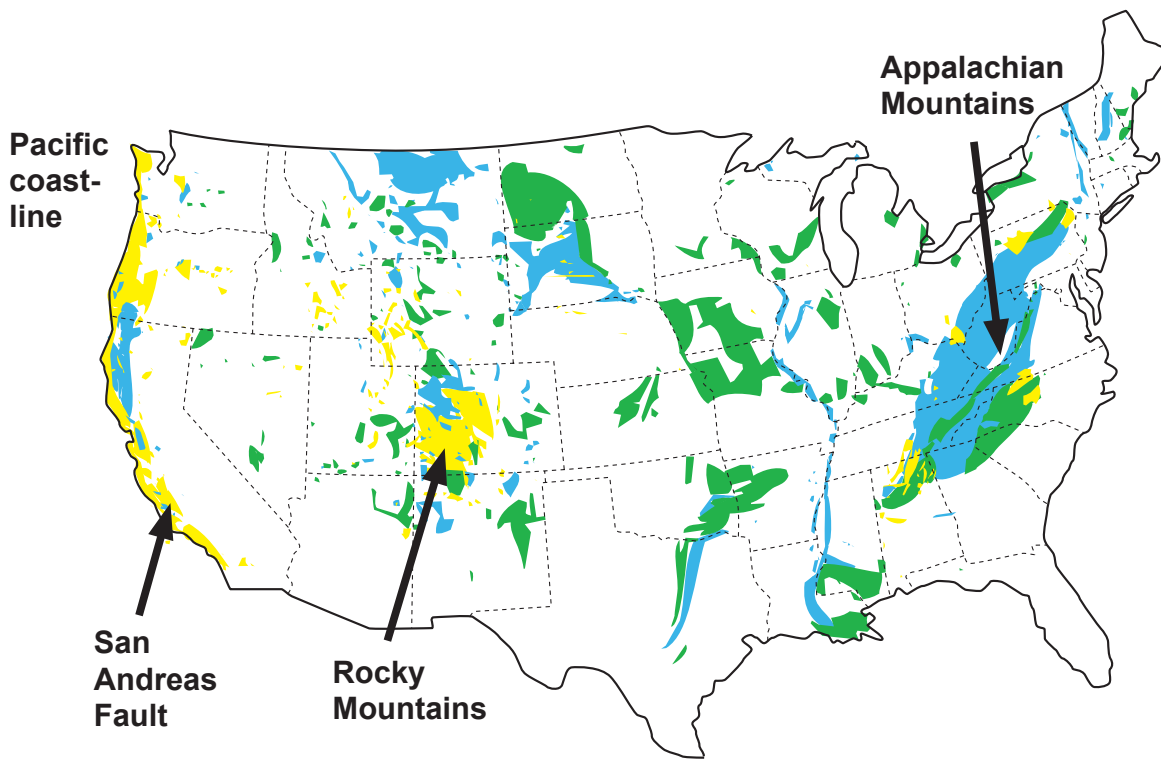


(Source: <http://www.justcoffee.com>)

## SECTION B

The following resources relate to Questions 7–10

Figure 7 Landslide and avalanche hazard risk in the United States



Blue areas of the US have very high potential, yellow areas have high potential and green areas have medium potential for landslides and avalanches

### Landslide & avalanche hazard risk facts

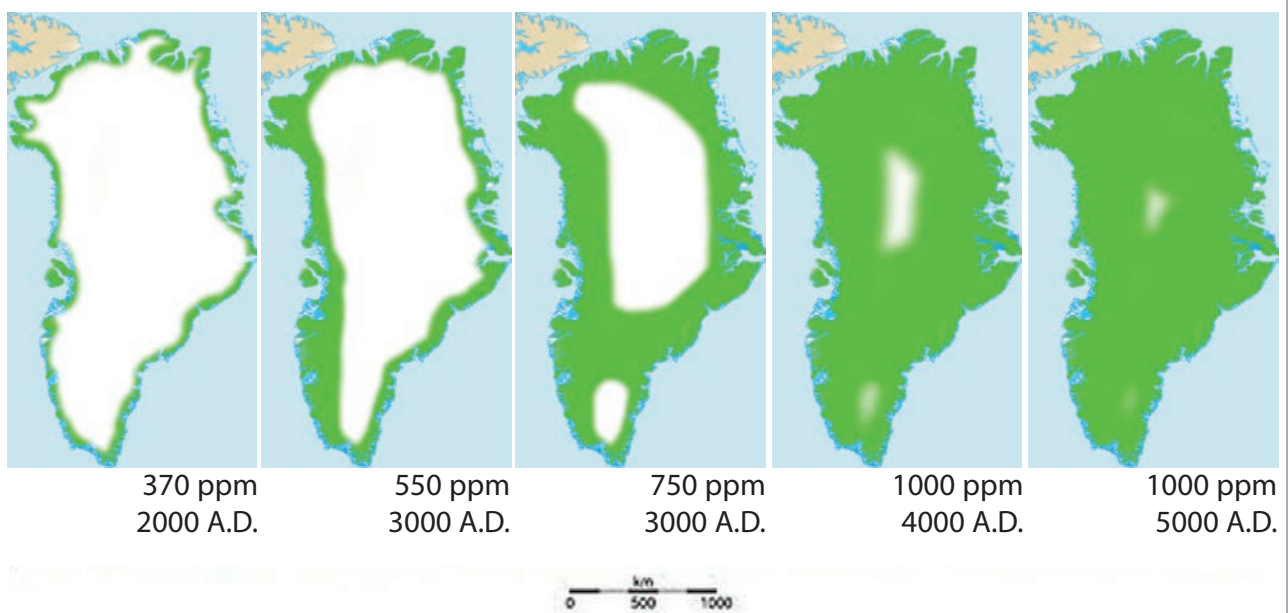
- Landslides and avalanches are one of the world's major natural hazard types.
- They cost the US \$3.5 billion per year in repair damage.
- They cause between 25 and 50 deaths in the US each year.



Homes lie damaged under this large earth flow in La Conchita, California, Saturday, March 4, 1995. January 10, 2005, a portion of this area became a debris flow during heavy rain, destroying several homes and killing 10 people. (USGS photo/Robert L. Schuster)

(Source: USGS)

**Figure 8** Possible future changes to Greenland's ice sheet caused by global warming



- The predicted changes shown correspond with an Intergovernmental Panel on Climate Change (IPCC) model in which atmospheric carbon dioxide concentration eventually reaches 1000 ppm (parts per million).
- Sustained global warming will lead to the total disappearance of the Greenland ice sheet within 3000 years of today.
- Total melting of Greenland's ice will cause world sea levels to rise by 7.5 metres.

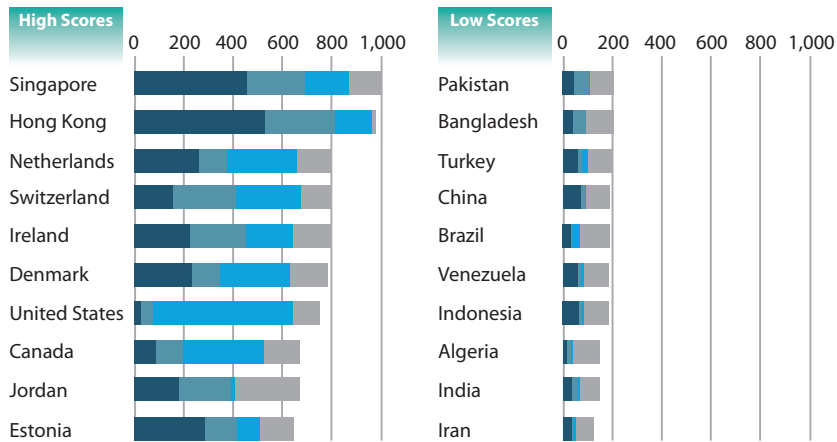
(Source: [www.climatescience.greenlandicesheet](http://www.climatescience.greenlandicesheet))

**Figure 9 Globalisation scores for 20 countries (up to 1,000 points awarded to each)**

**Globalisation score**

2005

■ Economic ■ Personal ■ Technological ■ Political



**Economic**  
points are scored by firms with a high share of world trade in proportion to their size

**Technological**  
points are scored by countries with high levels of internet use



**Personal**  
points are scored when a nation's citizens travel abroad on holiday

**Political**  
points are scored when countries join agencies like the UN Security Council

(Source: The Economist / A.T. Kearney)

