



GCE AS/A LEVEL – **NEW**

2110U10-1

GEOGRAPHY – AS unit 1

CHANGING LANDSCAPES

TUESDAY, 16 MAY 2017 – AFTERNOON

2 hours plus your additional time allowance

Surname _____

Other Names _____

Centre Number _____

Candidate Number 2 _____

For Examiner's use only		
Question	Maximum Mark	Mark Awarded
1.	16	
2.	16	
3.	16	
4.	16	
5.	22	
6.	24	
7.	18	
Total	96	

ADDITIONAL MATERIALS

A calculator.

INSTRUCTIONS TO CANDIDATES

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

Write your name, centre number and candidate number in the spaces provided on the front cover.

Write your answers in the spaces provided in this booklet.

In Section A, answer EITHER questions 1 and 2 OR questions 3 and 4.

Answer ALL questions in Section B.

If additional space is required you should use the continuation pages at the end of this booklet. The question number(s) should be clearly shown.

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.

A plain page is available at the end of the section for you to add any relevant sketch maps and diagrams you may wish to include.

Figure 1: Mass movement at West Bay, Dorset



Source: NPAS Exeter

SECTION A: CHANGING LANDSCAPES

Answer EITHER questions 1 and 2 OR questions 3 and 4 from your chosen landscape.

Make the fullest possible use of examples and data to support your answers.

COASTAL LANDSCAPES

Answer questions 1 and 2 if this is your chosen landscape.

1(a) (i) Use FIGURE 1 opposite to suggest how mass movement is influencing the development of this coastal landscape. [5]

Figure 3: Llanberis Pass



Photographer: David Flett

Figure 6a: Impacts of the 2013 earthquake on the Philippine island of Bohol (as of 18.10.13)

MUNICIPALITY	Dead and missing people	Destroyed buildings
ANTEQUERA	17	3 000
BILAR	4	0
BUENAVISTA	2	35
CALAPE	4	0
CATIGBIAN	5	2 316
GETAFE	1	15
INABANGA	4	231
LOON	59	162
MARIBOJOC	14	0
SAGBAYAN	15	2
TUBIGON	10	0
TOTAL	136	5 761

Source: www.reliefweb.int

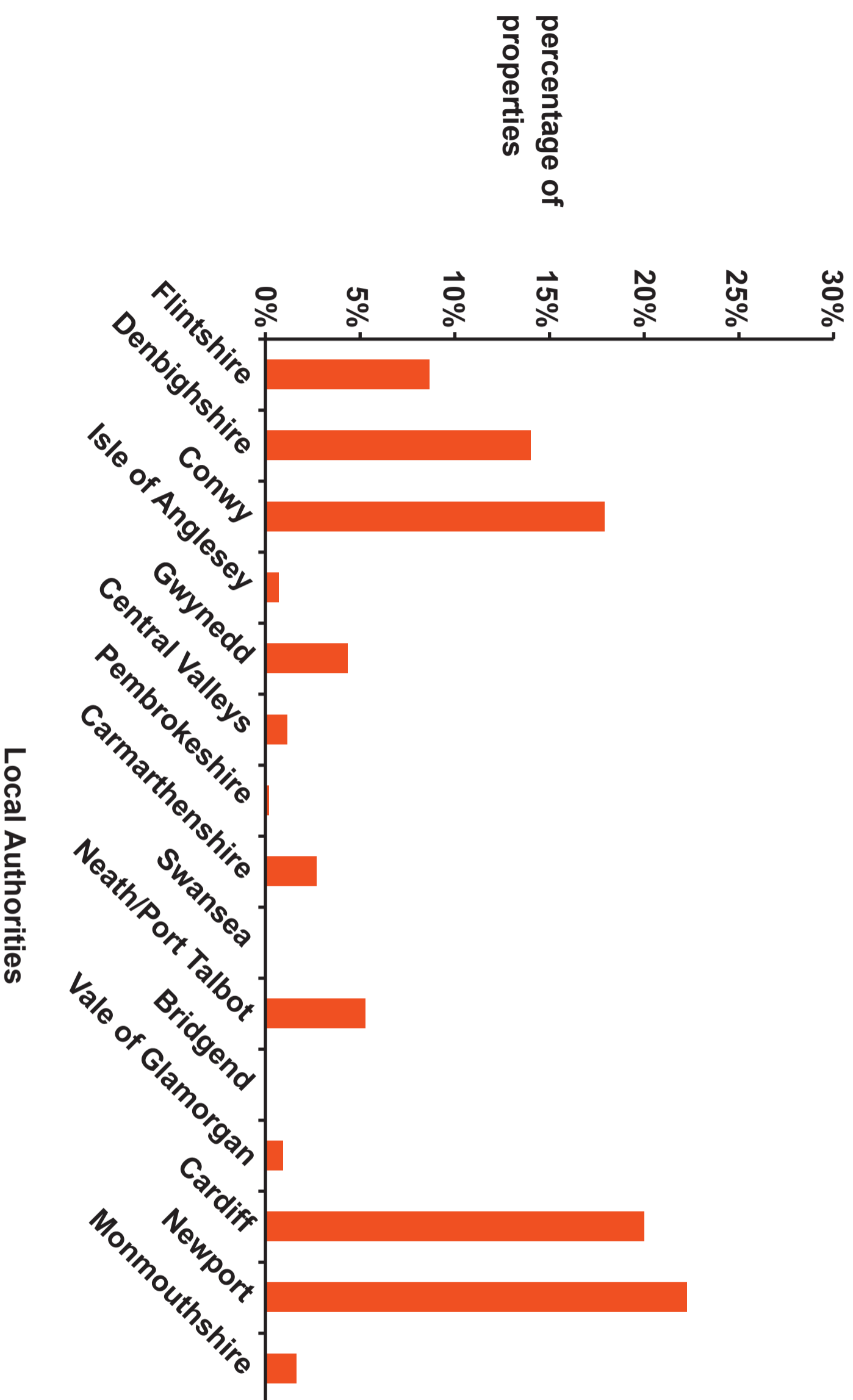
- 6(a) (i) Identify the mode for the dead and missing people. [1]**

Mode: _____

- (ii) Calculate the interquartile range for the dead and missing people. Show your workings. [4]**

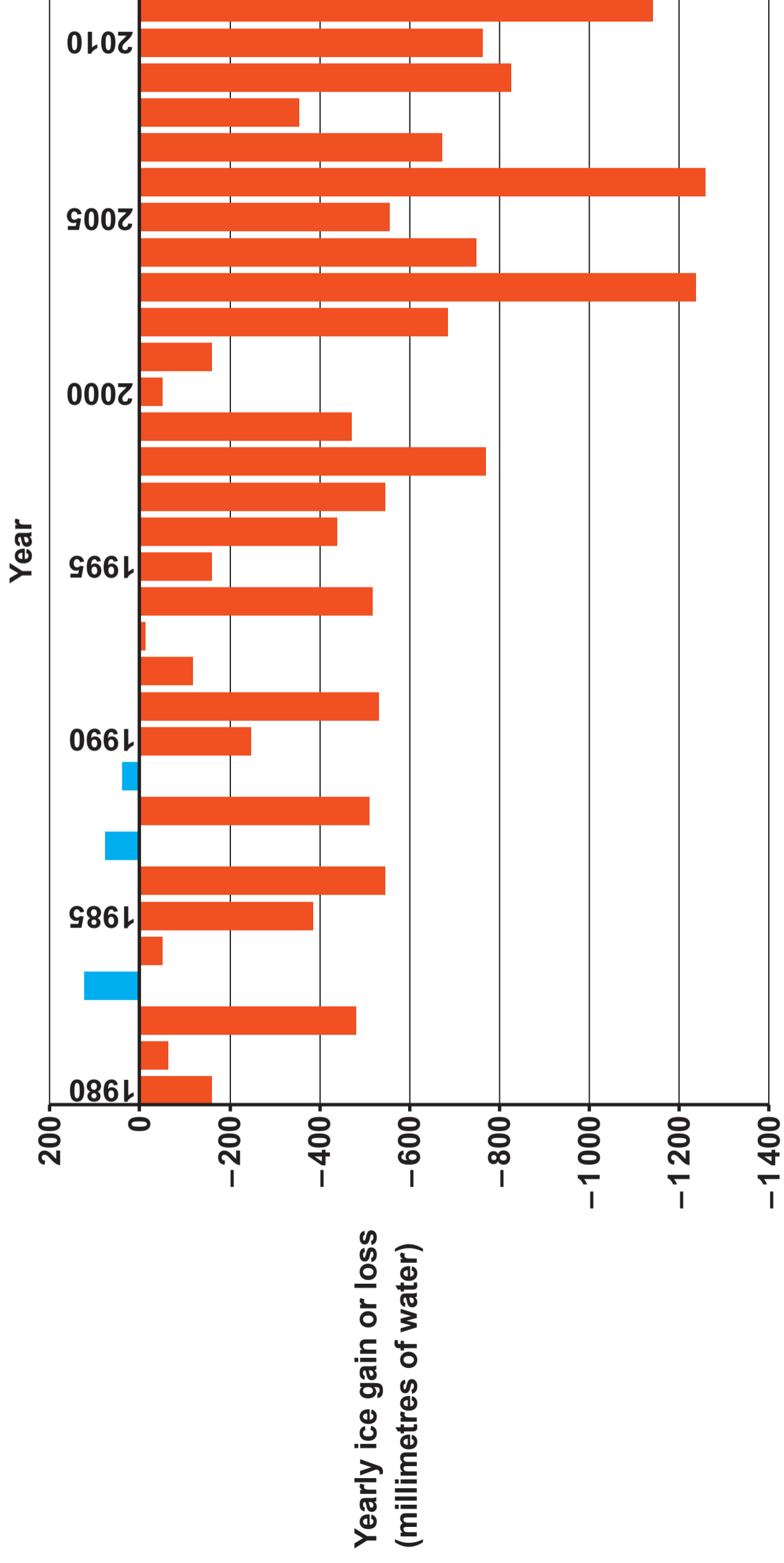
Interquartile Range: _____

Figure 2: Properties at risk from coastal erosion and flooding in the January 2014 storm in Wales



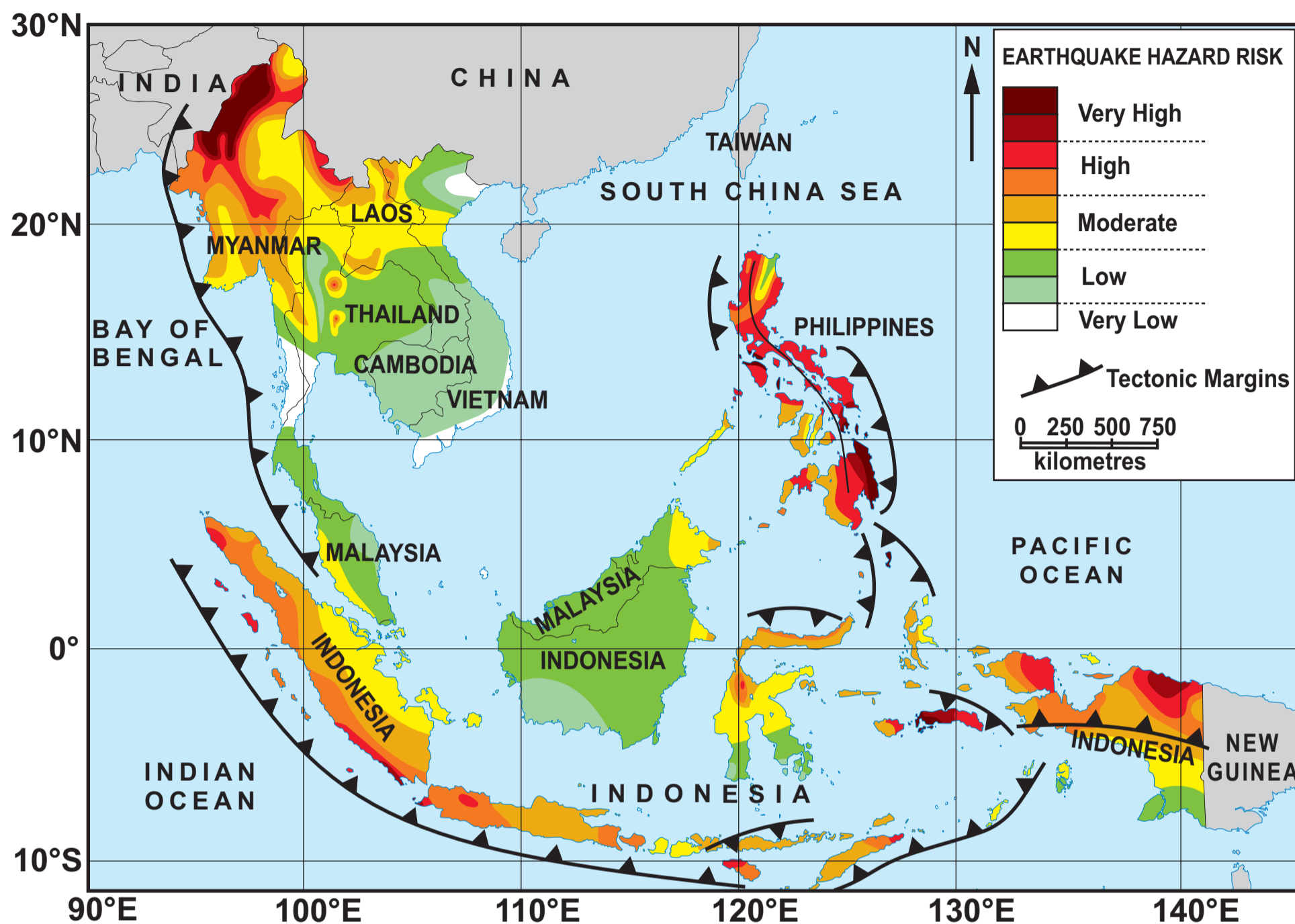
Source: www.naturalresources.wales

Figure 4: Global glacial budget 1980-2011



Source: www.wgms.ch

Figure 5: Earthquake hazard map of South East Asia



Source: www.unisdr.org

Other impacts of the 2013 earthquake

In 2013 over 389,000 tourists travelled to Bohol. Among the tourist attractions are a number of very old churches, dating back to the early years of the Spanish colonisation of the island.

Figure 6b: San Pedro Church before the earthquake



Figure 6c: San Pedro Church after the earthquake



Figure 6d: The destroyed Abatan Bridge that connects Maribojoc to Tagbilaran City, the capital of Bohol

