



Geography summer homework 2018/9



When you start in September you will begin with the first topic, ***Tectonic Processes and Hazards.***

As a preparation for this subject, the following activities will help you revise what you already know and start to build your knowledge.

There are two tasks to complete. The stretch and challenge is optional.

Both tasks must be completed and handed in for your first Geography lesson in September.

Due date: Week 5th September

Plate boundary 1: Constructive / divergent

Plate boundary 2: Destructive subduction / convergent

Plate boundary 3: Convergent / collision

Plate boundary 4: Transform / conservative

5. Reviewing the research that you have completed, make an **assessment** as to which plate boundary is likely to be the most disastrous and **explain** why.

Task 2: Data analysis

The following two diagrams are the hazard profiles for two different primary tectonic hazard types i.e. volcanoes and earthquakes

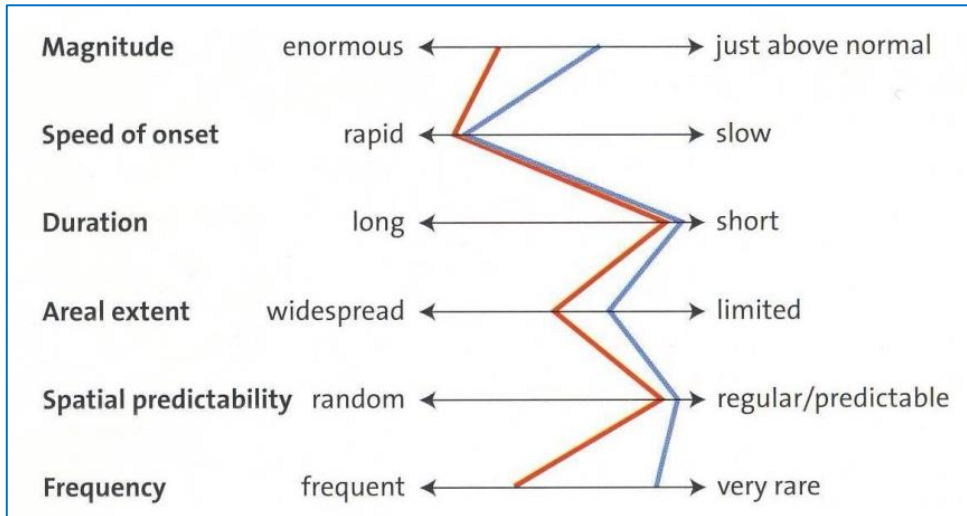


Fig. 1
Hazard
type 1

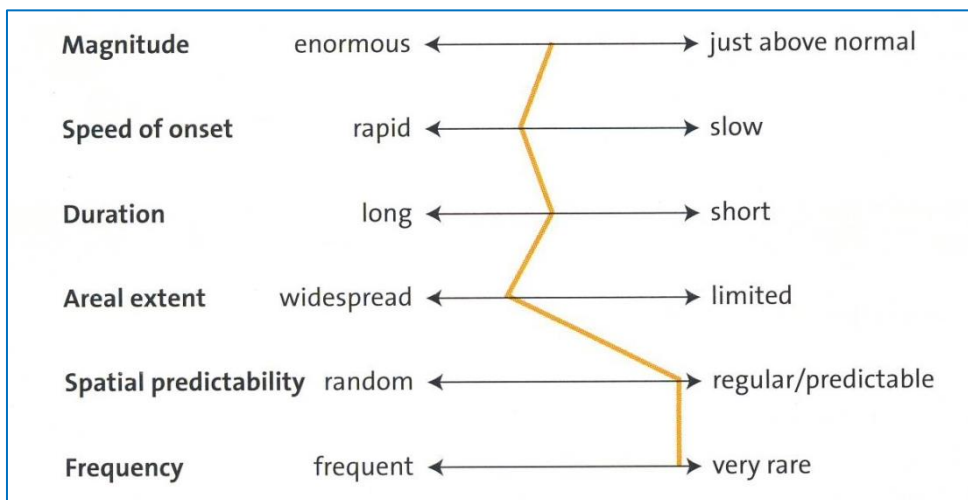


Fig .2
Hazard
type 2

1. Explain what each of the criteria are that describe the hazard profile.

- Magnitude
- Speed of onset
- Duration

- Areal extent
- Spatial predictability
- Frequency

2. Describe what type of hazard is shown in each profile and explain your reasoning.

Stretch and challenge: Research one tectonic event and describe the following details:

- When and where it occurred
- Magnitude
- Speed of onset
- Duration
- Areal extent
- Spatial predictability
- Frequency
- Level of development of the country
- Impacts e.g. number of deaths, number of people affected and economic cost