

Statement of participation

POOJA Ramani

has completed the free course including any mandatory tests for:

Earthquakes

This 8-hour free course looked at why, where and what happens when earthquakes occur and at how they are assessed qualitatively and quantitatively.

Issue date: 22 February 2023



www.open.edu/openlearn

This statement does not imply the award of credit points nor the conferment of a University Qualification.
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details:

<https://www.open.edu/openlearn/science-maths-technology/geology/earthquakes/content-section-0>

COURSE CODE: S103_2

Earthquakes

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Course summary

Earthquakes shake the ground surface, can cause buildings to collapse, disrupt transport and services, and can cause fires. They can trigger landslides and tsunamis in short, earthquakes can be very destructive. In this free course, Earthquakes, you will look at why, where and what happens when they occur and also at how earthquakes are assessed qualitatively and quantitatively.

Learning outcomes

By completing this course, the learner should be able to:

- Explain the reasons for earthquakes
- Understand where in the world earthquakes are most likely to occur
- Describe the potential consequences of an earthquake
- Differentiate between earthquake intensity and earthquake magnitude
- Appreciate the enormous energies released by earthquakes.

Completed study

The learner has completed the following:

Section 1

Earthquakes

Section 2

Why do earthquakes occur?

Section 3

Where do earthquakes occur?

Section 4

The size of earthquakes

Section 5

Conclusion