

## Course details

### Course title

Nature, Ecology & Permaculture: Earth on Fire

### Course code

Q00018002

### Course date

Start: 03/10/24

End: 31/10/24

### Number of classes

4 sessions

### Timetable

Wed 2nd Oct, 10:30 to 12:30

Wed 9th Oct, 10:30 to 12:30

Wed 16th Oct, 10:30 to 12:30

Wed 23rd Oct, 10:30 to 12:30

### Branch

Poringland Branch

### Tutor

Guest Speaker

### Fee range

Free to £33.60

### How you'll learn

You'll join a small group of fellow learners for classes at the venue indicated. Some materials may be provided in our virtual learning environment.

Got it!

In venue

## Venue

Poringland Community Centre (Poringland)  
Overtons Way  
Poringland  
NR14 7WB

## Level of study

Beginners

## Course overview

This course offers a comprehensive introduction to volcanoes, exploring their locations, mechanisms, and profound impacts on both life and landscapes. Students will delve into the geological processes that drive volcanic activity, understand the distribution of volcanoes across the globe, and study the various types of eruptions. The course also examines the environmental and societal effects of volcanic activity, from the creation of new landforms to the challenges posed by volcanic hazards. Through a blend of lectures, case studies, and hands-on activities, participants will gain a deep appreciation for these powerful natural phenomena.

## Course description

This course provides a thorough introduction to volcanoes and volcanic activity, offering insights into their distribution, nature, and variety. Students will explore the global patterns of volcanic activity, learning why volcanoes are found in specific locations and how tectonic movements influence their placement. The course delves into the diverse types of volcanoes and volcanic rocks, helping students recognize and classify different volcanic formations and understand their unique characteristics.

Participants will study the dynamic processes that drive volcanic eruptions and the resulting landscapes, from majestic mountains to sprawling lava fields. The course also addresses the dual nature of volcanoes, examining both the hazards they pose and the benefits they provide. Students will learn about the dangers of volcanic eruptions, such as ash clouds, pyroclastic flows, and lava flows, and the strategies used to mitigate these risks.

Conversely, the course highlights the positive impacts of volcanic activity, including the creation of fertile soils, geothermal energy, and new land masses. Through a combination of lectures, case studies, and practical exercises, students will gain a comprehensive understanding of volcanoes, equipping them with the knowledge to appreciate and respect these powerful natural phenomena.

## What financial support is available?

We don't want anything to stand in your way when it comes to bringing Adult learning within reach so if you need anything to support you to achieve your goals then speak to one of our education experts during your enrolment journey. Most of our courses are government funded but if you don't qualify or need alternative financial help to access them then let us know.

## What other support is available?

All of our digital content, teaching and learning activities and assessments are designed to be accessible so if you need any additional support you can discuss this with the education experts during your enrolment journey and we will do all we can to make sure you have optimal access.

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