

# ***DISCOVERING VOLCANIC LANDSCAPES***

## ***Geographical fieldtrips for schools***



### **BASIC VULCANISM**

#### **AN INTRODUCTION TO VULCANISM**

#### **SITES VISITED**

Volcano Museum  
Montsacopa (volcano in the city of Olot)

#### **TOPICS**

Plate tectonics  
Volcanoes and earthquakes  
Ecosystems  
Human impact on the environment

#### **CONTENT**

World distribution of volcanic and earthquake risk zones  
Causes and effects of volcanoes and earthquakes  
Types of eruptions and their outcomes  
Analysis of volcanic materials  
Land-use in volcanic areas  
Analysis of urban and rural landscapes in volcanic areas



The activity begins at 10 a.m. with a visit to the Volcano Museum in El Parc Nou, a public park in the city of Olot. This museum provides graphic insights into the whys and wherefores of the world's volcanic and earthquake regions, as well as providing a chance to experience an earthquake en situ!

After a walk through the botanical gardens and a stop for lunch, we continue on to Montsacopa, a volcano situated in the middle of Olot. Here, a three hour visit will reveal the internal structure of a volcano through a look at a former quarry that has bared the rocks that form the volcano's cinder cone. Once on top of the volcano, we will be able to walk around the rim of its crater and enjoy excellent views over Olot, a city that has grown up in the heart of this volcanic zone.