



Why would we want to date volcanic eruptions. Here's why, Before Life or any existing creature our planet was covered with volcanoes. Finding when these volcanic eruptions occurred have helped discover dates in the past. Did you know the soil near volcanoes is rich and fertile that is why some people actually build homes on the slopes.

Dating volcanoes brings many benefits such such as knowing ages of lava flows can tell us how often A volcano erupts. This is very important because in assessing whether the volcano is hazardous, Or is it safe to live near there.

Dating volcanoes can help us identify how other volcanoes will be once they have exploded, meaning if we knew that after some volcanoes erupt they go through radio active decay producing radioactive rocks we should be aware that if a similar type of volcano erupts we will be able to work out how many years or decades it will take to turn into radioactive rock.

Many geologist and geographers want to know when volcanoes erupt . Why would they want to know this ,well knowing this information could help us establish how and when a volcano will erupt. Dating them could help us find patterns that we should be aware of.A possible pattern is that a volcano erupts every 250 years this information would be very important because it can help residents living near have time to move and come back once it's safe .

Tephrochronology ,why is this important well this brings many advantages.This method is used to identify the sediments in volcanic ash layers by this we can see the remains of volcanonic eruptions.

This method can help us pin point what volcanoes produce for example a volcano in Hawaii may contain some elements that are not found in a volcano in Russia.

By -HALEEMA HUSSAIN