



# ICELAND Fire & Ice on a Mid-Ocean Ridge

July 2024

Join an enthusiastic group of educators, and Earth science enthusiasts

Iceland is an amazing place. It sits on a mid-ocean ridge where two massive crustal plates are pulling apart from each other. It has active volcanoes, geysirs, thermal fields and evidence of a geological history of massive lava flows and continual eruptions. And to make it more exciting, a lot of that has taken place while the island was covered in ice! But Iceland is so much more. Majestic waterfalls, green valleys and an amazing culture.

Come join us for this seven days (6 nights) tour where we will see the very best Iceland has to offer. We will see in the field the evidence for plate tectonics and the Earth's changing climate. We will see evidence for active volcanism and discover the world of glaciers and their associated landforms. You will take a lot of photographs and have amazing experiences you will remember for a lifetime.

This trip is designed for K-12 Earth Science and Geography teachers with no or little Earth science background and college/University students with an interest in volcanism and/or glaciation. Geology enthusiasts are always welcome to join us!

**GEO** *etc*  
Geoscience Education & Outreach

Estimated : **US\$3,995**

(Does not include airfares to/from Iceland)



# Trip ITINERARY\*

*\* Itinerary may change due to weather and other factors.*

## **Day 1. Reykjanes Day - Introduction to a Mid-Ocean Ridge**

*Pick up at airport. Bridge between continents - visiting the mid-ocean ridge. Visit the current eruption site. Gunnuhver geothermal area, Geothermal power stations and more*

## **Day 2. Golden Triangle Day**

*See the affects of active volcanism and plate tectonics. We visit Thingvellir, Geysir, Gullfoss, Hjalparfoss, and see the volcano Mt Hekla.*

## **Day 3. Vestmann Islands**

*We travel out to see the amazing eruptive history of the Vestmann Islands. See how a town has survived an active lava flow. We will even see if we can see some of the Icelandic wildlife (seals, puffins etc)*

## **Day 4. Waterfalls and beaches day**

*We visit amazing waterfalls and see the effects of one of the largest eruptions in human history. We visit Seljalandsfoss, Reynir, Vik Black Sand Beach and stop to look at the Laki flows. (Do Lovers Walk in evening of weather is good)*

## **Day 5. Glacier Day**

*We visit the toes of retreating glaciers and see their effects on the landscape. See morains and glacial outwashes. See the basalt columns at Dverghamrar and take a boat tour on a glacial lake around iceburgs.*

## **Day 6. Katla and Return Drive day**

*Drive past the recently active volcanoes of Katla and visit the LAVA interactive Museum. Stop via a waterfall or two. See the outwash of a glacier melted by volcanic activity.*

## **Day 7. Departure Day**

*Have a soak in the famous Blue Lagoon (at your expense)  
Drop off at airport.*

**Price**  
**us\$3,955**

US\$500 Deposit is required with registration. See the refund policy details online.

### **Trip Details (the fine print)**

- Price does not include flights to/from Iceland. Please do not book any flights or make any travel arrangement until the trip and your place on it has been confirmed. We will send you details of arrive and departure dates and time as early as possible.
- Transport is in vans.
- Accommodation is in shared hotel rooms (2-3 people a room).
- Price includes breakfasts and most dinners. Lunches are not provided.
- The trip is open to all teachers, college students, geology enthusiasts and their families (18 yrs and older only). Family members have to stay and travel with the group. Use of private or hired vehicles by participants during trip is not allowed.
- Be aware that this trip involves some hiking so you should be moderately fit and have no medical condition that precludes you from participating.

**www.geoetc.com**



## Accommodation

We will be staying in a number of wonderful Iceland hotels/hostels as we travel around the island. These are shared rooms. A single supplement is available if you want a single room for the entire trip (US\$955 pp extra)



## Transportation

We will use 9 seater (or smaller) vehicles as we travel around Iceland. There is plenty of room which provides everyone with a great opportunity to take photos as well as spend time with fellow participants between stops.



## Trip Leader

Gary Lewis is the President of GEOetc and a passionate Earth science communicator. His speciality is the communication of geological processes to teachers, students and the general public and the operation of programs that raise the awareness of Earth science at an international level. He is a trained geologist - with an honors degree in Geology from the University of Sydney - and a K-12 teacher. He has worked in Earth science outreach in Australia and the USA and run trips for teachers to Hawaii, Iceland, Australia and other destinations since the 1980s. He is the author of over 30 Earth science teaching resources.

## Want more information or make a reservation?



Contact Gary Lewis on:  
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