



*“Icelandic Volcanoes:
Interaction between Volcanoes,
Ice, and Atmosphere”*

Presented by Dr. Thorvaldur Thordarson

**at the Pomme D’or Hotel on Thursday 23rd
February 2012**

Iceland is one of the most active volcanic regions in the world, with over 20 eruptions each century

producing more than 5.5 cubic kilometers of magma. In early 2010, the UK experienced the effects of Iceland’s volatile landscape when the volcanic plume produced by Eyjafjallajökull caused ash to reach the air space of the UK and mainland Europe.

It is the interaction between fire and ice which makes Iceland’s eruptions so spectacular – many eruptions occur beneath glaciers, which contains the pressure of an eruption until it becomes great enough to cause an explosion of magma and steam. Contact between magma and ice causes the magma to cool rapidly to form glass-type needles – the reason aircraft were grounded. Icelandic volcanoes have been active for many thousands of years, and will continue to be so in the future. This talk will explore the mechanism of the eruptions and their effects, not only on the country itself, but further afield.

The lecture will be at our usual location in the Pomme D’Or at 8pm and will be preceded by an optional dinner, starting at 6.30pm. If you wish to attend the dinner or just the lecture, please confirm before 17th February 2012. Cheques for £20.00 per person for dinner (if attending) should be made payable to C.I.G.P.E. Please notify me of any special dietary requirements.

Bookings can also be made online at www.cigpe.com or by phone (01534 856566) or email to Richard.Sutton@Geomarine.je

THE CHANNEL ISLANDS GROUP OF PROFESSIONAL ENGINEERS
Lecture No 1 – ICELANDIC VOLCANOES

Please reserve place(s) at the Dinner/Lecture (Delete as appropriate):-

NAME

GUEST NAMES

I enclose a cheque to the value of £..... (£20.00 per diner) made payable to C.I.G.P.E.
Please return to: Mr Richard Sutton, c/o Geomarine, Les Ruettes, La Grande Route du St. Jean, St. John, Jersey JE3 4FN