



Guides:

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Geological Survey
of Northern Ireland



FIELDTRIP

Engineering Geology of Northern Ireland

5–7 June 2015

staying at the Holiday Inn, 22 Ormeau Avenue, Belfast

The diverse rocks and superficial deposits of Northern Ireland represent all systems from the Neoproterozoic (700 Ma ago) to the most recent Quaternary and this wide array presents a multitude of engineering challenges. This trip will explore the Glens of Antrim coast road and world famous Giant's Causeway, focussing on bedrock and other controls on landslips. In the Sperrin Mountains we will explore geological issues that affect the development of wind farms. An optional tour of the Quaternary deposits of the Belfast Lagan Valley is available for those arriving earlier on Friday, and will include an overview of the developing urban model and issues related to compressible ground.

5 June - Belfast, Lagan Valley. A 1 hour presentation starting at 4 pm in the Cutters Warf (TBC) will be followed by a walk up the Lagan Valley towpath to view a range superficial deposits. We will return for a 7 pm evening meal in Cutters Warf (*all optional, please arrive by 4 pm*).

6 June - Sperrin Mountains. 8 am start returning to Belfast for 6 pm. Packed lunches are provided.

7 June - Antrim Coast and Giant's Causeway. 9.00 start, visiting Giant's Causeway in morning and returning to Belfast via the Antrim Plateau and Glens of Antrim coast road including the site of the most recent bog-burst; Garron Point for rotational slumps; and Glenarm for mudslides. Packed lunches will be provided. There is an advanced group rate of £6.80 for the Causeway, which includes the visitors centre, or people can get off the bus and walk down to the Causeway for free.

Members of the National Trust get in for free – so bring cards.

The **trip fee of £65** per person covers the cost of coach travel and packed lunches on Saturday and Sunday, and dinner on Saturday night only. All drinks and other meals, travel to/from Belfast, and accommodation expenses, are not included in this fee. The fee is payable to the Engineering Group of the Geological Society.

A number of rooms are being held at the Holiday Inn Belfast, priced at £87.50 per person for two nights bed and breakfast, under group code EG1, based on sharing a twin room. Please contact the hotel directly (0871 942 9005 or via their website) to make arrangements.

Return flights to Belfast City Airport are available through EasyJet, Flybe, British Airways and others, currently priced between £100 and £150. Please do not book return flights before 6 pm on Sunday 7 June 2015 and ensure that you book flights for Belfast City Airport (BHD), NOT Belfast International. Please make your own way from the airport to the Holiday Inn on Friday. Translink coaches run every 20 minutes to the city centre and take 15 minutes; the Holiday Inn is an 8 minute walk from there. Please arrive before 4 pm for the optional visits.

Summary

Trip fee: **£65** payable to EGGS. Other costs: accommodation **£87.50** at the Holiday Inn, travel to/from Belfast City Airport and the hotel, plus drinks and Friday night dinner.

For further information and registration, please contact:

Richard Ghail, Field Trip Co-ordinator: 020 7594 6001. email: r.ghail@imperial.ac.uk

