

A Safe City

The Contribution of Geoscience in the Urban Environment

<http://www.gsi.ie/Geoscience+Initiatives/Geoscience+2012+Conference.htm>

The Geological Survey of Ireland, Geological Survey of Northern Ireland and the Royal Irish Academy are pleased to announce a one day conference “**A Safe City; The Contribution of Geoscience in the Urban Environment**” to be held in Dublin Castle on the 18th April, 2012. The general themes of the conference are water (both surface and groundwater) and hazards in the urban environment from the perspective of the public sector and industry. In the evening, at 6.00 p.m., there will be a Keynote address given by Professor John McCloskey.

Programme

- 9.30** Opening by the Director of the GSI
- 9.45** Opening by the Minister
- 10.00** Experiences With Integrated Geoscience Modelling in an Urban Context
Michiel van der Meulen, Jan Stafleu, Ronald Vernes, Jan Gunnink TNO / Geological Survey of the Netherlands.
- 10.30** 3D and 4D subsurface models for improved decision making and Safer Cities – an example from Glasgow, UK
Dr Diarmad Campbel, British Geological Survey
- 11.00** Coffee
- 11.30** Groundwater flooding within an urbanised floodplain
David Macdonald, British Geological Survey
- 12.00** Koen Verbruggen, Geological Survey of Ireland, will speak on the contribution of the Geological Survey of Ireland
- 12.30** Lunch
- 14.00** Airborne Coastal Surveys and Related GIS Applications in the Office of Public Works (OPW)
Jim Casey, Office of Public Works
- 14.30** Henning Moe, CDM and Wilbur Smith Associates (CDM), will speak on Geology and water disposal
- 15.00** TBA
- 15.30** Mad stone under Cork
Darragh Musgrave, White Young Green (WYG)
- 16.00** Tim Paul, (SLR) will speak on the Dublin Port Tunnel
- 16.30** Discussion
- 17.00** Reception
- 18.00** Understanding future Earthquakes and Tsunamis
Professor John McCloskey, University of Ulster
- 19.00** Closes

For further information please call
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