



## Home Counties North Regional Group

### ANNUAL GENERAL MEETING

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### **LUSI: the geology and engineering of a mud volcano disaster in Java**

**David Shilston CGeol FGS FRSA**

**Atkins and Past-President, The Geological Society of London**

In May 2006, a new mud volcano erupted adjacent to an exploratory gas well in eastern Java. Colloquially called LUSI (Lumpur Sidoarjo), the mud volcano is unlike naturally occurring mud volcanoes, as it has until recently maintained continuous and high flow-rates of mud at high temperatures. Although there is much debate amongst geoscientists about the cause of the mud volcano, it is the social and economic impact that is of greatest importance to the many thousands of people made homeless and to the economy of the area. The talk will describe LUSI, its evolution, its impact, and what can be said about its future development.



David Shilston has some 35 years' experience of civil engineering and geological projects in the UK and many countries overseas. Apart from his general working knowledge of civil engineering, geotechnics, geology and geomorphology, David has specific expertise in the assessment and management of geohazards, including landslides & erosion, collapsing ground, seismic hazards and problems encountered during the construction and operation of projects. David has undertaken due diligence assessments and appeared as an expert witness in construction disputes, including disputes concerning power stations (Java and Finland), an airbase (Bahrain), and highways in Trinidad and Africa. David was the first engineering geologist to have been elected President of the Geological Society of London.

**Date: Tuesday 19 January 2016**

**Venue: Sir Robert McAlpine, Eaton Court, Maylands Avenue, Hemel Hempstead HP2 7TR**

**Refreshments 18.00**

**Annual General Meeting starts 18.30**

**Lecture starts 19.00**

For more information on the Home Counties North Regional Group visit the website at

<http://www.geolsoc.org.uk/hcnrg>

