



**Lecture on Thursday 20th June 2019:
Sinkholes and crown holes in Hertfordshire from 2000 to 2019**

Presented by

Clive Edmonds, BSc, MSc, PhD, DIC, FGS, CGeol, EurGeol, CSci

Date: 20th June 2019

Venue: RSK, 18 Frogmore Road, Hemel Hempstead, Hertfordshire, HP3 9RT

Refreshments from 18.00

Meeting starts at 18.30

It is expected to finish by about 19.30

A spatial review of the PBA Natural Cavity and Mining Cavity databases shows that ground subsidence problems are widespread across Hertfordshire. In recent years a number of ever larger collapses have occurred at intervals. The impacts of climate and man-made factors over time will be presented. The history of subsidence activity will be supported with reference to a series of case studies in relation to Hatfield, Hemel Hempstead, Hertford and St Albans which will look at the investigations into the causes and stabilisation.



Clive joined Peter Brett Associates in 1997 and became a partner in 2006. He has about 30 years' experience having worked throughout the UK and in parts of Europe and Asia. He typically leads projects with significant geological, geomorphological and geotechnical issues, particularly instability. He is a leading UK expert in the investigation and solving of ground instability problems especially relating to natural cavities (karst) and mining cavities. Through academic studies and commercial experience he has developed geomorphological modelling,

geohazard mapping and risk assessment techniques for sites underlain by karst and mines. Major projects include: a national study of natural cavity instability in Great Britain; development of national databases for natural cavities and mining cavities; large scale investigations and remedial stabilisation works (up to values of £12 million) for subsidence-damaged properties in Reading, Hatfield, Hemel Hempstead and elsewhere; and numerous subsidence insurance claims. Clive has acted as expert witness for public inquiries, ruling court and litigation cases, has been interviewed on TV and radio, and has authored more than 30 technical papers/books and lectured widely.

This event is free of charge, but registration is essential as there are 25 seats available in the venue. Priority will be given to Fellows, Candidate Fellows and Juniors of the Geological Society who are members of the Home Counties North Regional Group. Please book your places on a first-come-first-served basis by e-mail to homecountiesnorthregionalgroup@gmail.com.

With special thanks to RSK for hosting the event!



