



The Geological Society of London:  
*East Midlands Regional Group*



Geological Mapping and Analysis of  
Point-cloud Surveys (*aka Game of Drones*)



**Adrian Wilkinson**

**Managing Director, Land and Minerals Consulting Ltd**

Formed in 2004, LMCL has since 2010 been obtaining photogrammetric and LiDAR point-cloud surveys and interpreting those surveys to undertake detailed geological mapping and geotechnical analyses of hazardous or impossible to reach terrains. The talk will describe the acquisition of terrestrial LiDAR and UAS (“drone”) photogrammetric point-clouds including a brief section on the legal aspects of utilising Drones. The majority of the talk will present a number of case studies of the use of these highly detailed 3D surveys.

**Tuesday 9th May 2017**

**Heap Lecture Theatre, University of Derby**  
Refreshments available 6.30pm, talk starts at 7pm  
--Everyone welcome--

