

## **Further Reading List for London Lecture: Sinkholes – collapsing houses, Alice in Wonderland and witches**

**Dr Anthony Cooper - Honorary Research Associate at the British Geological Survey**

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The reading list can be found at <https://www.geolsoc.org.uk/Sinkholes17>

### **Popular Articles and Resources**

#### Background – What are sinkholes?

- a. British Geological Survey – Sinkholes resource page

<http://www.bgs.ac.uk/caves/sinkholes/home.html>

- b. USGS – Sinkhole resource page

<https://water.usgs.gov/edu/sinkholes.html>

- c. Stuff you should know podcast – What’s the deal with sinkholes

<http://www.stuffyoushouldknow.com/podcasts/whats-the-deal-with-sinkholes.htm>

#### Ground dissolution – how and why does it happen?

- d. British Geological Survey – Soluble rocks

<http://www.bgs.ac.uk/products/geosure/soluble.html>

- e. The Guardian – What are sinkholes and what causes them?

<https://www.theguardian.com/world/2013/mar/04/what-causes-sinkholes-florida-man>

#### Where do we find sinkholes?

- f. BBC News - Recent sinkholes around the world and what caused them

<http://www.bbc.co.uk/news/av/science-environment-31602248/recent-sinkholes-around-the-world-and-what-caused-them>

- g. British Geological Survey – Ripon sinkhole resource page

<http://www.bgs.ac.uk/research/engineeringGeology/shallowGeohazardsAndRisks/sinkHoles/riponNov2016.html>

- h. BBC News – Ripon home evacuated after large sinkhole opens

<http://www.bbc.co.uk/news/uk-england-york-north-yorkshire-37934011>

- i. The Journal – Earth collapses to reveal 100ft sinkhole in County Durham

<http://www.thejournal.co.uk/news/north-east-news/earth-collapses-reveal-100ft-sinkhole-7664222>

- j. The Atlantic – Why are there so many sinkholes in Florida?

<https://www.theatlantic.com/technology/archive/2014/08/why-are-there-so-many-sinkholes-in-florida/378869/>

#### Sinkholes, Lewis Carroll and Alice

- k. BGS – Ripon subsidence problems and Alice in Wonderland

[http://www.bgs.ac.uk/caves/alice\\_in\\_wonderland.html](http://www.bgs.ac.uk/caves/alice_in_wonderland.html)

#### **Journal Articles and Books**

- a. COOPER, A.H. 1998. Subsidence hazards caused by the dissolution of Permian gypsum in England: geology, investigation and remediation. In MAUND, J.G. & EDDLESTON, M (eds.) Geohazards in Engineering Geology. Geological Society, London, Engineering Special Publications, 15, 265-275. – **free to access through the Lyell Collection until 17 July 2017:** <http://egsp.lyellcollection.org/content/15/1/265>
- b. COOPER, A.H. 2002. Halite karst geohazards (natural and man-made) in the United Kingdom. Environmental Geology, Vol. 42, 505-512. - **available as a pre-print copy from** <http://nora.nerc.ac.uk/6218/>
- c. FARRANT, A.R. and COOPER, A.H. 2008. Karst geohazards in the UK: the use of digital data for hazard management. Quarterly Journal of Engineering Geology and Hydrogeology Vol. 41. 339-356. – **free to access through the Lyell Collection until 17 July 2017:** <http://qjgeh.lyellcollection.org/content/41/3/339>
- d. COOPER, A H; ODLING, N E; MURPHY, P; MILLER, C; GREENWOOD, C J and BROWN, D S. 2013 The role of sulfate-rich springs and groundwater in the formation of sinkholes over gypsum in eastern England. 141-150 in LANE, L; DOCTOR, D H and STEPHENSON, J B. Sinkholes and the Engineering and Environmental Impacts of Karst : Proceedings of the Thirteenth Multidisciplinary Conference May 6 through 10, 2013, Carlsbad, New Mexico. National Cave and Karst Research Institute (NCKRI), (NCKRI Symposium 2). <http://qjgeh.lyellcollection.org/content/41/3/339>