

## Further Reading List for London Lecture: 'Glories of Mud'

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The reading list can also be found at <http://www.geolsoc.org.uk/gloriesofmud>

### Journal Articles and Books

1. Merriman, R. J., Highley, D. E. and Cameron, D. G. Definition and characteristics of very-fine grained sedimentary rocks: clay, mudstone, shale and slate. British Geological Survey Commissioned Report.

Can be downloaded for free here: [www.bgs.ac.uk/downloads/start.cfm?id=1415](http://www.bgs.ac.uk/downloads/start.cfm?id=1415)

2. Lu, L., Wilkinson, M., Haszeldine, R. S. And Fallick, A. E. Long-term performance of a mudrock seal in natural CO<sub>2</sub> storage. *Geology*, v27, 1, p 35-38. 2009.

<http://geology.gsapubs.org/content/37/1/35.abstract>

3. Introduction to Industrial Minerals, D A C Manning (Chapman and Hall, 1996)
4. Foundations of Engineering Geology, Tony Waltham, Third Edition Paperback (CRC Press, 2009)

### Popular Articles and Resources

1. Background Information and Resources

- a. Geological Society – The Year of Mud, 2015

<https://www.geolsoc.org.uk/mud15>

- b. Nature - Geology: Probing the memory of mud, Alan Kemp

<http://www.nature.com/nature/journal/v406/n6799/full/406951a0.html>

*NB. There is an issue with this link. Please copy and paste this URL into your search box.*

2. Some of the ways we use and need mud

- a. BBC Future – Mud, mud, glorious vanishing mud

<http://www.bbc.com/future/story/20120209-mud-mud-glorious-vanishing-mud>

- b. Geology.com – What is shale?

<http://geology.com/rocks/shale.shtml>

- c. Environment Agency – Understanding controls on the performance of engineered barrier systems in repositories for high-level radioactive waste and spent fuel

[https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/291239/scho0910bszf-e-e.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/291239/scho0910bszf-e-e.pdf)

- d. BBC Nature Prehistoric Life – Mud Fossils

<http://www.bbc.co.uk/nature/fossils#p00ckk6p>

- e. Institution of Civil Engineers – Tunnelling the Victoria Line

<http://www.ice.org.uk/topics/transport/London-Underground-150/Victoria-Line>

- f. Marine Science – Introduction to mud flats and the biodiversity they support

<http://www.marinebio.net/marinescience/03ecology/mfintro.htm>

- g. The Art Newspaper – The importance of mud to Venice

<http://www.theartnewspaper.com/articles/The-importance-of-mud-to-Venice/35772>

### 3. Mud and Natural Disasters

- a. Geological Society (Video) – LUSI: the Geology and Engineering of a Mud Volcano Disaster in Java

<https://www.youtube.com/watch?v=vJOPwYamqNE>

- b. Video – Geologist explains deadly Washington Mud Slide, 2014.

<https://www.youtube.com/watch?v=dVSXm13jH1s>

- c. British Geological Survey – Ash and mud flows on Montserrat

[http://www.bgs.ac.uk/discoveringGeology/hazards/volcanoes/montserrat/ash\\_and\\_mud.html](http://www.bgs.ac.uk/discoveringGeology/hazards/volcanoes/montserrat/ash_and_mud.html)