

Further Reading List for London Lecture: 'LUSI: the Geology and Engineering of a Mud Volcano disaster'

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Wednesday 22 January

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

Journal Articles

1. Dimitrov, L. I., Mud volcanoes – a significant source of atmospheric methane. *Geo-Marine Letters*, 23, 155-161. (2003) DOI: **10.1007/s00367-003-0140-3**
2. Davies, R. J., Mathias, S. A., Swarbrick, R. E., et al. Probabilistic longevity estimate for the LUSI mud volcano, East Java. *Journal of the Geological Society*, 168, 517-523. (2011) DOI: **10.1144/0016-76492010-129**
3. Mazzini, A., Svensen, H., Akhmanov, G. G., et al. Triggering and dynamic evolution of LUSI mud volcano, Indonesia. *Earth and Planetary Science Letters*, 261, 375-388. (2007) DOI: **10.1016/j.epsl.2007.07.001**
4. Williams, V. S., and Wibowo, H. T. LUSI mitigation implications of BPLS and other subsidence measurements. *Journal of SE Asian Applied Geology* 2 (3), 267-274. (2010)
5. Meikle, C. D., Shilston, D. T. Geohazard monitoring of the erupting LUSE mud volcano, Java. *Ground Engineering*. (2009)
6. Agustawijaya, D. S., Sukandi. The stability analysis of the LUSI mud volcano embankment dams using FEM with a special reference to Dam Point P10.D. *Civil Engineering Dimension*, 14, 100-109. (2012) DOI: **10.9744/ced.14.2.100-109**
7. Bristow, C. R., Gale, I. N., Fellman, E. The lithostratigraphy, biostratigraphy and hydrogeological significance of the mud springs at Templars Firs, Wootton Bassett, Wiltshire. *Proceedings of the Geologists Association*, 111, 231-245. (2000) DOI: **10.1016/S0016-7878(00)80016-4**

Popular Articles and Resources

1. Smithsonian Magazine – The World's Muddiest Disaster, December 2011.
<http://www.smithsonianmag.com/science-nature/the-worlds-muddiest-disaster-1603529/>
2. Atkins – LUSI: assessing the risks of an active mud volcano.
<http://www.atkinglobal.com/media-centre/features/lusi-mud-volcano>
3. BBC News - Indonesian mud volcano flow to 'to last 26 years', February 2011.
<http://www.bbc.co.uk/news/science-environment-12567163>

4. BBC News – Mud volcano to stop ‘by decades end’, December 2013.

<http://www.bbc.co.uk/news/science-environment-25188259>

5. Huffington Post – Mud Eruption in Indonesia: Was disaster blamed on drilling activity actually caused by quake? July 2013.

http://www.huffingtonpost.com/2013/07/22/mud-eruption-indonesia-disaster-drilling-quake_n_3634361.html

6. HSF Humanitus - Report into the past, present and future social impacts of Lumpur Sidoarjo, Richards, J. R.

http://www.hsf.humanitus.org/media/6412/HSF_Social_Impact_Report_Eng.pdf

7. National Geographic - Pictures: Deadly Mud Volcano to Erupt for 26 more Years, March 2011.

http://news.nationalgeographic.co.uk/news/2011/03/pictures/110304-mud-volcano-indonesia-java-erupt-26-years/#/mud-volcano-indonesia-erupt-years-decades-overview_32912_600x450.jpg

8. Durham University News – Trigger behind LUSI mud volcano ‘far simpler’ expert says, July 2013

<https://www.dur.ac.uk/news/newsitem/?itemno=18330>

9. Probabilistic longevity estimate for the LUSI mud volcano, East Java (Richard J. Davies, Simon A. Mathias, Richard E. Swarbrick and Mark J. Tingay) – **this article has been made free online on the Lyell Collection until 14 February 2014**

<http://jgs.lyellcollection.org/content/168/2/517.full>