

Further Reading List for London Lecture: 'Terra Infirma; What has salt tectonics ever done for us?'

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Wednesday 10 December

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

Journal Articles

1. Jackson, C. A. L. and Lewis, M.M. Origin of anhydrite sheath encircling a salt diapir and implications for the seismic imaging of steep-sided structures, Egersund Basin, Northern North Sea. *Journal of the Geological Society* (2012), 169 (5): 593

<http://jgs.lyellcollection.org/content/169/5/593.abstract>

2. Hudec, M. R. and Jackson, M. P. A. Terra Infirma: Understanding salt tectonics. *Earth Science Reviews*. V 82, Issue 1-2, p 1-28. 2007

<http://www.sciencedirect.com/science/article/pii/S0012825207000025>

Popular Articles and Resources

1. Background Information and Resources

- a. Geology.com – Introduction to Salt Domes

<http://geology.com/stories/13/salt-domes/>

- b. The Oil Drum – The Deep Waters of the Gulf and Salt Domes

<http://www.theoil drum.com/node/8229>

- c. William Smith Medal Winner Martin Jackson- Origin and Evolution of Allocthonous Salt Sheets - Video

https://www.youtube.com/watch?v=V7R1wFa_eo&list=UUzhX_LOB1xUwIDmckTrPQqw

- d. University of Colorado Boulder – Lecture on Salt Tectonics

http://geode.colorado.edu/~structure/teaching_GEOL3120/coursenotes/16salt_tectonics.pdf

2. Salt in the UK

- a. British Geological Survey – Rock salt: an essential mineral that keeps the country moving.

<http://www.bgs.ac.uk/research/highlights/2013/rockSalt2013.html>

- b. Compass Minerals – Winsford Rock Salt Mine

<http://www.winsfordrocksaltmine.co.uk/geology/>

3. Examples of Salt Formation

- a. Utah Geological Survey – The Onion Creek salt diapir, Grand County

http://geology.utah.gov/surveynotes/geosights/onion_creek.htm

- b. Eagle Valley Evaporite Animation - Video

<https://www.youtube.com/watch?v=CNsv5z6arss>

- c. BBC Earth - The evaporating Mediterranean Sea and the Messinian Salinity Crisis - Video

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