



Further Reading List for London Lecture: The Water Book

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The reading list can also be found at <https://www.geolsoc.org.uk/TheWaterBook16>

Popular Articles and Resources

1. Background Information and Resources
 - a. The Geological Society 2016 Year of Water
<https://www.geolsoc.org.uk/water16>
 - b. The Geological Society – Geology for Society – Water
<https://www.geolsoc.org.uk/water>
2. On the origin of water
 - a. Scientific American – The Origins of Water on Earth, James F. Kasting (2003)
<http://www.miracosta.edu/home/kmeldahl/articles/waterorigins.pdf>
 - b. Smithsonian Magazine – How did water come to earth?
<http://www.smithsonianmag.com/science-nature/how-did-water-come-to-earth-72037248/?no-ist>
 - c. The Geologic History of Seawater – Tim K. Lowenstein and Brian Kendall
https://www.researchgate.net/publication/259760318_Chapter_821_-_The_Geologic_History_of_Seawater
 - d. NASA – Water: The Molecule of Life – An interview with Philip Ball
[http://www.nasa.gov/vision/universe/solarsystem/Water: Molecule of Life prt.htm](http://www.nasa.gov/vision/universe/solarsystem/Water:_Molecule_of_Life_prt.htm)

- e. Nautilus - Will ET drink water?

<http://nautil.us/issue/25/water/will-et-drink-water>

- f. The New York Times – The water in your glass might be older than the sun

<http://www.nytimes.com/2016/04/16/science/the-water-in-your-glass-might-be-older-than-the-sun.html?smid=tw-nytimescience&smtyp=cur&r=0>

3. Water and Geology

- a. United States Geological Survey (USGS) – The Water Cycle

<http://water.usgs.gov/edu/watercycle.html>

- b. The UK Groundwater Forum – The basics of groundwater

<http://www.groundwateruk.org/Groundwater-Basics.aspx>

- c. National Oceanography Centre – Submarine Geohazards

<http://noc.ac.uk/science-technology/marine-hazards/geohazards>

- d. BBC Future – Are there ‘oceans’ hiding inside the Earth?

<http://www.bbc.com/future/story/20141029-are-oceans-hiding-inside-earth>

- e. USGS – Glaciers and icecaps: Storehouses of freshwater

<http://water.usgs.gov/edu/earthglacier.html>

Journal Articles and Books

1. Jha, Alok. The Water Book. Headline Publishing, 2015.
2. Hoffman, P. F., Schrag, D. P 2000. Snowball Earth. Scientific American., 282, 68-75.
doi:10.1038/scientificamerican0100-68
3. [Mottl, M. J., Glazer, B. T., Kaiser, R. I., Meech, K. J 2007. Water and astrobiology. Chemie der Erde Geochemistry., 67, 253-282.](#)
4. Ball, P 2004. Astrobiology: Water, water, everywhere? Nature., 427, 19-20.
doi:10.1038/427019a
5. Blake, D. F., Jenniskens, P 2001. The Ice of Life. Scientific American.
6. Allgre, C. J., Schneider, S. H 1994. The Evolution of the Earth. Scientific American.