

Further Reading List for London Lecture: Water on Mars

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The reading list can be found at <https://www.geolsoc.org.uk/WateronMars16>

Popular Articles and Resources

1. Background
 - a. The Geological Society – Year of Water Resource Page
<https://www.geolsoc.org.uk/water16>
 - b. NASA – Mars Exploration - All about Mars
<http://mars.nasa.gov/allaboutmars/>
 - c. NASA – The History of Mars Exploration
<http://nssdc.gsfc.nasa.gov/planetary/mars/marshist.html>
2. Geology and History of Mars
 - a. The Planetary Society - Noachian, Hesperian, and Amazonian, oh my! --Mars' Geologic Time Scale
<http://www.planetary.org/blogs/emily-lakdawalla/2013/10251246-noachian-hesperian-amazonian.html>
 - b. Nature – Timeline of major processes in Mars history
http://www.nature.com/nature/journal/v479/n7371/fig_tab/nature10582_F4.html
 - c. Phys.org – Earth and Mars could share a life history
<http://phys.org/news/2015-07-earth-mars-life-history.html>
3. Water on Mars
 - a. NASA - NASA Confirms Evidence That Liquid Water Flows on Today's Mars
<http://www.nasa.gov/feature/jpl/nasas-opportunity-rover-to-explore-mars-gully>
 - b. Space.com – Water on mars: Exploration and Evidence
<http://www.space.com/17048-water-on-mars.html>
 - c. National Geographic – NASA finds 'definitive' liquid water on
<http://news.nationalgeographic.com/2015/09/150928-mars-liquid-water-confirmed-surface-streaks-space-astronomy/>
4. ExoMars 2018 Rover Mission
 - a. European Space Agency – robotic exploration of mars

<http://exploration.esa.int/mars/48088-mission-overview/>

- b. European Space Agency – EXOMARS Mission moves to next launch opportunity in 2020

http://www.esa.int/Our_Activities/Space_Science/ExoMars/Second_ExoMars_mission_moves_to_next_launch_opportunity_in_2020

Journal articles

A Closer Look at Water-Related Geologic Activity on Mars, McEwen et al. *Science*, 21 Sep 2007: Vol. 317, Issue 5845, pp. 1706-1709, DOI: 10.1126/science.1143987

Morphological evidence for geologically young thaw of ice on Mars: A review of recent studies using high-resolution imaging data, Balme et al., *Progress in Physical Geography*, 37(3) 289–324, DOI: 10.1177/0309133313477123, 2013