



## **Further Reading List for Public Lecture: Making the most of minerals: sustaining society sustainably?**

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The reading list can be found at: <https://www.geolsoc.org.uk/LL-September-18>

### **Popular Articles and Resources**

#### Background

- a. The Geological Society: 2018 Year of Resources  
[www.geolsoc.org.uk/Resources18](http://www.geolsoc.org.uk/Resources18)
- b. The Geological Society: Geology for Society, Minerals  
<https://www.geolsoc.org.uk/minerals>
- c. The Geological Society: Year of Resources Minerals Gallery  
<https://www.geolsoc.org.uk/mineralgallery>
- d. [British Geological Survey – Minerals UK: Centre for sustainable mineral development](https://www.bgs.ac.uk/mineralsuk/)  
<https://www.bgs.ac.uk/mineralsuk/>

#### Mineral use through time

- a. Deposits magazine – The stone tools of early man  
<https://depositsmag.com/2018/01/23/seeing-into-the-stone-age-the-stone-tools-of-early-man/>
- b. Geological Society 100 Great Geosites – Great Orme Bronze Age Mine  
<https://www.geolsoc.org.uk/GeositesGreatOrme>
- c. Mining weekly – A glimpse into Bronze Age copper mining  
[http://www.miningweekly.com/article/a-glimpse-into-bronze-age-copper-mining-2013-10-11/rep\\_id:3650](http://www.miningweekly.com/article/a-glimpse-into-bronze-age-copper-mining-2013-10-11/rep_id:3650)
- d. Geology.com – Flint – a material used by humans to make tools for millions of years  
<https://geology.com/rocks/flint.shtml>
- e. EGU Blogs – Great wall of fire – Vitrification and thermal engineering in the British Iron Age  
<https://blogs.egu.eu/geolog/2016/05/25/great-walls-of-fire-vitrification-and-thermal-engineering-in-the-british-iron-age/>
- f. The Coal Authority – 200 years of the coal industry in Britain

<https://www2.groundstability.com/history-of-coal-mining-timeline-page/>

The link between climate change mitigation and the future demand for minerals

- g. USGS - Research on CO<sub>2</sub> sequestration using Ultramafic and Carbonate rocks  
[https://crustal.usgs.gov/projects/CO2\\_sequestration/index.html](https://crustal.usgs.gov/projects/CO2_sequestration/index.html)
- h. Phys Org – Scientists find way to make mineral which can remove CO<sub>2</sub> from the atmosphere  
<https://phys.org/news/2018-08-scientists-mineral-co2-atmosphere.html>
- i. Lamont-Doherty Earth Observatory – Mineral carbon sequestration  
<https://www.ldeo.columbia.edu/gpg/projects/carbon-sequestration>
- j. Resourcing Future Generations  
<https://www.geolsoc.org.uk/RFG>
- k. Geological Society Blog – Lithium: Brines, batteries and bottlenecks  
<https://blog.geolsoc.org.uk/2018/07/02/lithium-brines-batteries-and-bottlenecks/>
- l. The Economist Special report – A scramble for the minerals used in renewable energy is under way  
<https://www.economist.com/special-report/2018/03/15/a-scramble-for-the-minerals-used-in-renewable-energy-is-under-way>
- m. IGF – Minerals in the Green Economy: Solar panels and lithium-ion batteries  
<http://www.igfmining.org/minerals-green-economy-solar-panels-lithium-ion-batteries/>
- n. Stanford Earth – Critical minerals scarcity could threaten renewable energy future  
<https://earth.stanford.edu/news/critical-minerals-scarcity-could-threaten-renewable-energy-future>