



## Further Reading List for Public Lecture: The role of the geologist in securing supplies of critical raw materials

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The reading list can be found at: [www.geolsoc.org.uk/securing-supplies-of-core-materials](http://www.geolsoc.org.uk/securing-supplies-of-core-materials)

### 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, Mineral Resources  
[www.geolsoc.org.uk/minerals](http://www.geolsoc.org.uk/minerals)
- c. The Geological Society Briefing Note on Rare Earth Elements  
<https://www.geolsoc.org.uk/ree>
- d. The Geological Society: Mineral Resources Factsheet  
[www.geolsoc.org.uk/factsheets#MineralResources](http://www.geolsoc.org.uk/factsheets#MineralResources)
- e. The Geological Society: Geoscientist Online, Critical Metals by Kathryn Goodenough  
[www.geolsoc.org.uk/Geoscientist/Archive/March-2014/Critical-metals](http://www.geolsoc.org.uk/Geoscientist/Archive/March-2014/Critical-metals)
- f. European Commission: Critical Raw Materials  
[https://ec.europa.eu/growth/sectors/raw-materials/specific-interest/critical\\_en](https://ec.europa.eu/growth/sectors/raw-materials/specific-interest/critical_en)
- g. The TELLUS Border project  
<http://www.tellusborder.eu/>

#### Flexibility in the mining and commodities industry

- a. British Geological Survey: Ore deposits and commodities  
[www.bgs.ac.uk/research/minerals/oreDepositsAndCommodities.html](http://www.bgs.ac.uk/research/minerals/oreDepositsAndCommodities.html)
- b. Straterra – Types of mining  
<http://www.straterra.co.nz/mining4nz/mining-101/types-of-mining/>
- c. AusIMM Bulletin – The boom in mining start-ups  
<https://www.ausimmbulletin.com/feature/boom-mining-start-ups/>
- d. Mining.com – The lithium supply and demand story

<http://www.mining.com/web/lithium-supply-demand-story/>

### Sustainable Mining

- a. World Economic Forum: How can mining come more sustainable?  
[www.weforum.org/agenda/2014/02/will-mining-look-like-sustainable-world/](http://www.weforum.org/agenda/2014/02/will-mining-look-like-sustainable-world/)
- b. The Mining Association of Canada: Towards Sustainable Mining  
<http://mining.ca/towards-sustainable-mining>
- c. The Guardian: Sustainable mining: an inherent contradiction in terms?  
[www.theguardian.com/sustainable-business/2015/jan/05/sustainable-mining-business-poverty-environment-new-framework](http://www.theguardian.com/sustainable-business/2015/jan/05/sustainable-mining-business-poverty-environment-new-framework)

### Future of Mining

- a. Resourcing Future Generations Initiative  
<https://www.geolsoc.org.uk/RFG>
- b. Mining.com – The future of mining is automated  
<http://www.mining.com/web/the-future-of-mining-is-automated/>
- c. Mining Global: Mining Innovations: 3 trends we'll see in the future  
[www.miningglobal.com/technology/mining-innovations-3-trends-well-see-future](http://www.miningglobal.com/technology/mining-innovations-3-trends-well-see-future)
- d. Goldcorp: Five digital trends shaping the future of mining  
<https://blog.goldcorp.com/2018/01/08/five-digital-trends-shaping-the-future-of-mining/>
- e. PWC: We need to talk about the future of mining  
[www.pwc.com/ee/et/publications/pub/pwc-we-need-to-talk-about-the-future-of-mining-final.pdf](http://www.pwc.com/ee/et/publications/pub/pwc-we-need-to-talk-about-the-future-of-mining-final.pdf)

### **Books and Journal Articles**

GOODENOUGH, K M, WALL, F and MERRIMAN, D. 2017. The Rare Earth Elements: Demand, Global Resources, and Challenges for Resourcing Future Generations. Natural Resources Research doi:10.1007/s11053-017-9336-5

EURARE: Research and development for the Rare Earth Element supply chain in Europe

[www.eurare.eu/docs/EURAREbrochure\\_vfinal.pdf](http://www.eurare.eu/docs/EURAREbrochure_vfinal.pdf)