

## Further Reading List for London Lecture: 'Managing Nuclear Power on a Dynamic Earth'

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

### Books and Journal Articles

1. Connor, C. B., Chapman, N. A. And Connor, L. J (eds) (2009) Volcanic and Tectonic Hazard Assessment for Nuclear Facilities. Cambridge University Press, Cambridge. 623 pps.
2. Sparks, S. et al (2013). Catastrophic impacts of natural hazards on technological facilities and infrastructure. In: Rougier, J., Sparks, S. and Hill. L. (eds): Risk and Uncertainty Assessment for Natural Hazards, Cambridge University Press, Cambridge, 445-480.

### Popular Articles and Resources

3. U.S. Nuclear Regulatory Commission – Fact Sheet on Seismic Issues for Nuclear Power Plants  
<http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/fs-seismic-issues.html>
4. National Center for Disaster Preparedness – Nuclear Power Plants in the US  
<http://ncdp.columbia.edu/library/mapsmapping-projects/nuclear-power-plants-earthquake-risk/>
5. The Geological Society - Earthquakes: prediction, forecasting and mitigation  
<http://www.geolsoc.org.uk/earthquake-briefing>
6. World Nuclear Association- Nuclear Power Plants and Earthquakes  
<http://www.world-nuclear.org/info/safety-and-security/safety-of-plants/nuclear-power-plants-and-earthquakes/>
7. Union of Concerned Scientists – Diablo Canyon and Earthquake Risk  
[http://www.ucsusa.org/nuclear\\_power/making-nuclear-power-safer/preventing-nuclear-accidents/diablo-canyon-earthquake-seismic-risk.html](http://www.ucsusa.org/nuclear_power/making-nuclear-power-safer/preventing-nuclear-accidents/diablo-canyon-earthquake-seismic-risk.html)
8. The Independent – Dungeness nuclear power station quietly taken offline...  
<http://www.independent.co.uk/news/uk/home-news/exclusive-dungeness-nuclear-power-station-quietly-taken-offline-for-five-months-over-fears-of-fukushimastyle-flood-disaster-9200494.html>
9. The Guardian - UK Nuclear sites at risk of flooding, report shows  
<http://www.theguardian.com/environment/2012/mar/07/uk-nuclear-risk-flooding>

## **Fukushima**

10. British Geological Survey - Tohoku-oki tsunami of 11 March 2011: Two years on  
<http://earthquakes.bgs.ac.uk/research/events/tohoku/tohoku-okiMarch2013.html>
11. Elements Magazine: Fukushima Lessons: The Disconnect between Geology and Nuclear Engineering  
[http://www.elementsmagazine.org/archives/e8\\_3/e8\\_3\\_dep\\_triplepoint.pdf](http://www.elementsmagazine.org/archives/e8_3/e8_3_dep_triplepoint.pdf)
12. U.S. Nuclear Regulatory Commission – Fukushima Lessons: Updating Earthquake Hazards at U.S. Nuclear Plants  
<http://public-blog.nrc-gateway.gov/2014/04/04/fukushima-lessons-updating-earthquake-hazards-at-u-s-nuclear-plants/>
13. Greenpeace –Fukushima: Don't Forget – A series of reports on the Fukushima nuclear disaster  
<http://www.greenpeace.org/international/en/campaigns/nuclear/safety/accidents/Fukushima-nuclear-disaster/>
14. Geoscientist Magazine – Nuclear Wave: What are the implications of Fukushima for nuclear new build and radioactive waste disposal?  
<http://www.geolsoc.org.uk/Geoscientist/Archive/June-2011/Nuclear-wave>
15. The Economist – Power Struggle: the shadow of Fukushima, the world's worst nuclear disaster after Chernobyl, hangs over Japan's energy future  
<http://www.economist.com/news/asia/21586570-shadow-fukushima-worlds-worst-nuclear-disaster-after-chernobyl-hangs-over-japans-energy>

## **Radioactive Waste Disposal**

16. The Geological Society – Radioactive Waste Disposal: Site Characterisation – resources page  
<http://www.geolsoc.org.uk/radioactivewaste>
17. The Geological Society – Rebecca Lunn lecture on geological disposal of nuclear waste  
<http://www.geolsoc.org.uk/nuclearwaste>
18. Department of Energy and Climate Change – Managing the use and disposal of radioactive and nuclear substances and waste.  
<https://www.gov.uk/government/policies/managing-the-use-and-disposal-of-radioactive-and-nuclear-substances-and-waste>