EE1040: Principles of Sustainable Engineering

View Online

1.

Allen DT, Shonnard D. Sustainable Engineering: Concepts, Design, and Case Studies. Upper Saddle River, N.J.: Prentice Hall; 2012.

2.

Allen DT, Shonnard D. Sustainable Engineering: Concepts, Design, and Case Studies [Internet]. Upper Saddle River, NJ: Prentice Hall; 2012. Available from: https://learning.oreilly.com/library/view/-/9780132756563/?ar

3.

Allen DT, Shonnard D. Sustainable engineering: concepts, design, and case studies. Upper Saddle River, N.J.: Prentice Hall; 2012.

4.

Allen DT, Shonnard D. Sustainable Engineering: Concepts, Design, and Case Studies [Internet]. Upper Saddle River, NJ: Prentice Hall; 2012. Available from: https://learning.oreilly.com/library/view/-/9780132756563/?ar

5.

Azapagic A, Perdan S. Sustainable development in practice: case studies for engineers and scientists. Second edition. Chichester: Wiley-Blackwell; 2011.

6.

Azapagic A, Perdan S. Sustainable Development in Practice: Case Studies for Engineers and Scientists [Internet]. 2nd ed. Oxford: Wiley-Blackwell; 2011. Available from: https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=624644

7.

Montalbo T, Gregory J, Kirchain R. Life Cycle Assessment of Hand Drying System [Internet]. 2011. Available from: https://web.archive.org/web/20181223152927/http://environmental-management.ca/lca/LCA_MIT_Hand-Dryers_2011.pdf

8.

London Array Limited. Environmental Statement: Non technical summary [Internet]. 2005. Available from: https://web.archive.org/web/20200227020913/https://www.londonarray.com/downloads/Non-technical-summary.pdf

9.

Forestry Commission. Hampshire Rural Pathfinder Project: Environmental Impact Assessment: [Internet]. 2018. Available from: http://www.hlsnewforest.org.uk/app/uploads/sites/3/2018/03/Environmental_Impact_Assessment_Report.pdf

10.

Jones RN. An Environmental Risk Assessment/Management Framework for Climate Change Impact Assessments. Natural Hazards. 2001;23(2/3):197–230.

11.

Caravanos J, Clark E, Fuller R, Lambertson C. Assessing Worker and Environmental Chemical Exposure Risks at an e-Waste Recycling and Disposal Site in Accra, Ghana. Journal of Health and Pollution. 2011;1(1):16–25.

12.

Danaei G, Vander Hoorn S, Lopez AD, Murray CJ, Ezzati M. Causes of Cancer in the World:

Comparative Risk Assessment of Nine Behavioural and Environmental Risk Factors. The Lancet. 2005;366(9499):1784–1793.

13.

Hernando M, Mezcua M, Fernandezalba A, Barcelo D. Environmental Risk Assessment of Pharmaceutical Residues in Wastewater Effluents, Surface Waters and Sediments. Talanta. 2006;69(2):334–342.

14.

Dolk H, Vrijheid M, Armstrong B, Abramsky L, Bianchi F, Garne E, Nelen V, Robert E, Scott JES, Stone D, Tenconi R. Risk of Congenital Anomalies Near Hazardous-Waste Landfill Sites in Europe: The EUROHAZCON Study. The Lancet. 1998;352(9126):423–427.

15.

Perlaviciute G, Schuitema G, Devine-Wright P, Ram B. At the Heart of a Sustainable Energy Transition: The Public Acceptability of Energy Projects. IEEE Power and Energy Magazine. 2018;16(1):49–55.

16.

Brooks A. Demand dispatch: Using real-time control of demand to help balance generation and load [Internet]. IEEE Power and Energy magazine. 2010. Available from: https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=5452801

17.

Goldberg M. Measure Twice, Cut Once. IEEE Power and Energy Magazine. 2010;8(3):46–54.

18.

Hatziargyriou N, Asano H, Iravani R, Marnay C. Microgrids. IEEE Power and Energy Magazine. 2007;5(4):78–94.

19.

Farhangi H. The Path of the Smart Grid. IEEE Power and Energy Magazine. 2010;8(1):18–28.

20.

Potential greenhouse gas emissions associated with shale gas production and use - GOV.UK [Internet]. Available from: https://www.gov.uk/government/publications/potential-greenhouse-gas-emissions-associated-with-shale-gas-production-and-use

21.

Department of Energy and Climate Change. The Government's response to the MacKay-Stone report: Potential greenhouse gas emissions associated with shale gas extraction and use - GOV.UK [Internet]. 2014. Available from: https://www.gov.uk/government/publications/the-governments-response-to-the-mackay-stone-report-potential-greenhouse-gas-emissions-associated-with-shale-gas-extraction-and-use

22.

Public Health England. Review of the potential public health impacts of exposures to chemical and radioactive pollutants as a result of the Shale Gas Extraction Process [Internet]. 2014. Available from: https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/332837/PHE-CRCE-009_3-7-14.pdf

23.

EPA. Hydraulic fracturing for oil and gas: Impacts from the Hydrauli fracturing water cycle on drinking water resources in the united states. [Internet]. 2016. Available from: https://www.epa.gov/sites/production/files/2016-12/documents/hfdwa_executive_summary.pdf

24.

HM Government. Securing the future delivering UK sustainable development strategy [Internet]. 2005. Available from: https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_

data/file/69412/pb10589-securing-the-future-050307.pdf

25.

Engineering council. Guidance on sustainability for the engineering profession [Internet]. Available from: https://www.engc.org.uk/EngCDocuments/Internet/Website/Guidance%20on%20Sustainability.pdf

26.

UNESCO. Engineering: issues, challenges and opportunities for development [Internet]. 2010. Available from: http://unesdoc.unesco.org/images/0018/001897/189753e.pdf

27.

The royal academy of Engineering. Engineering for sustainable development: Guiding principles [Internet]. 2005. Available from: https://www.raeng.org.uk/publications/reports/engineering-for-sustainable-development

28.

London assembly environment committee. Driving away from diesel: reducing air pollution from diesel vehicles. [Internet]. Available from: https://www.london.gov.uk/sites/default/files/Driving%20Away%20from%20Diesel%20final%20report.pdf

29.

Ellison RB, Greaves SP, Hensher DA. Five years of London's low emission zone: Effects on vehicle fleet composition and air quality. Transportation Research Part D: Transport and Environment. 2013 Aug;23:25–33.