

EE1040: Principles of Sustainable Engineering

View Online



1.

Allen, D. T. & Shonnard, D. Sustainable Engineering: Concepts, Design, and Case Studies. (Prentice Hall, 2012).

2.

Allen, D. T. & Shonnard, D. Sustainable Engineering: Concepts, Design, and Case Studies. (Prentice Hall, 2012).

3.

Allen, D. T. & Shonnard, D. Sustainable engineering: concepts, design, and case studies. (Prentice Hall, 2012).

4.

Allen, D. T. & Shonnard, D. Sustainable Engineering: Concepts, Design, and Case Studies. (Prentice Hall, 2012).

5.

Azapagic, A. & Perdan, S. Sustainable development in practice: case studies for engineers and scientists. (Wiley-Blackwell, 2011).

6.

Azapagic, A. & Perdan, S. Sustainable Development in Practice: Case Studies for Engineers

and Scientists. (Wiley-Blackwell, 2011).

7.

Montalbo, T., Gregory, J. & Kirchain, R. Life Cycle Assessment of Hand Drying System. (2011).

8.

London Array Limited. Environmental Statement: Non technical summary. (2005).

9.

Forestry Commission. Hampshire Rural Pathfinder Project: Environmental Impact Assessment: (2018).

10.

Jones, R. N. An Environmental Risk Assessment/Management Framework for Climate Change Impact Assessments. *Natural Hazards* **23**, 197–230 (2001).

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* **1**, 16–25 (2011).

12.

Danaei, G., Vander Hoorn, S., Lopez, A. D., Murray, C. J. & Ezzati, M. Causes of Cancer in the World: Comparative Risk Assessment of Nine Behavioural and Environmental Risk Factors. *The Lancet* **366**, 1784–1793 (2005).

13.

Hernando, M., Mezcuca, M., Fernandezalba, A. & Barcelo, D. Environmental Risk Assessment of Pharmaceutical Residues in Wastewater Effluents, Surface Waters and Sediments.

Talanta **69**, 334–342 (2006).

14.

Dolk, H. et al. Risk of Congenital Anomalies Near Hazardous-Waste Landfill Sites in Europe: The EUROHAZCON Study. *The Lancet* **352**, 423–427 (1998).

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* **16**, 49–55 (2018).

16.

Brooks, A. Demand dispatch: Using real-time control of demand to help balance generation and load. *IEEE Power and Energy magazine* (2010).

17.

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

18.

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

19.

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

20.

Potential greenhouse gas emissions associated with shale gas production and use - GOV.UK.

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.

<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> (2014).

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. (2014).

23.

EPA. Hydraulic fracturing for oil and gas: Impacts from the Hydraulic fracturing water cycle on drinking water resources in the United States. (2016).

24.

HM Government. Securing the future delivering UK sustainable development strategy. (2005).

25.

Engineering Council. Guidance on sustainability for the engineering profession.

26.

UNESCO. Engineering: issues, challenges and opportunities for development. (2010).

27.

The Royal Academy of Engineering. Engineering for sustainable development: Guiding principles.

<https://www.raeng.org.uk/publications/reports/engineering-for-sustainable-development> (2005).

28.

London assembly environment committee. Driving away from diesel: reducing air pollution from diesel vehicles.

29.

Ellison, R. B., Greaves, S. P. & Hensher, D. A. Five years of London's low emission zone: Effects on vehicle fleet composition and air quality. *Transportation Research Part D: Transport and Environment* **23**, 25–33 (2013).