

1. Record Nr.	UNIPARTHENOPE000031960
Titolo	Solid Wastes Management / Stephen Burnley (Editor) [risorsa elettronica]
Pubbl/distr/stampa	United Kingdom : The Open University : John Wiley & Sons Ltd, 2014
Titolo uniforme	Solid Wastes Management
ISBN	9781118863923 10.10
Descrizione fisica	245 p. : ill.
Disciplina	628.16809 363.728
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Modalità di accesso: World Wide Web Consultazione online
Nota di contenuto	Section 1: Wastes basics Section 2: Waste management technologies Section 3: Waste management process and environmental impact modelling Section 4: Health impacts of waste management Section 5: Integrated solid waste management and waste strategies Section 6: The end of waste and the cycle begins again
Sommario/riassunto	Solid Wastes Management begins with a focus on processing municipal and similar commercial, as well as industrial wastes; assessing and minimising the environmental impacts of processing and disposal. The second section reviews the treatment technologies available (physical, biological and thermal), their advantages, disadvantages and environmental performance. The third section considers the environmental and health impacts of the technologies and reviews the use of models to predict landfill leachate, gas formation and pollution dispersion. The fourth section is on the human health impact of waste management and draws on the previous sections, bringing in pollutants such as bioaerosols and ultra-fine particulate material. In the fifth and sixth sections, the importance of adopting an integrated approach to waste management is demonstrated through consideration of life cycle assessment and its use to determine optimum waste management solutions