

1. Record Nr.	UNINA9910830243603321
Titolo	Solid wastes management // edited by Stephen Burnley
Pubbl/distr/stampa	Chichester, England ; ; Milton Keynes, England : , : Wiley : , : In association with The Open University, , 2014 ©2014
ISBN	1-118-86394-1 1-118-86392-5
Descrizione fisica	1 online resource (247 p.)
Disciplina	628.445
Soggetti	Refuse and refuse disposal - Management Technology - Waste management Waste disposal in the ground
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	<p>""Cover""; ""Title Page""; ""Copyright Page""; ""Contents""; ""Section 1: Wastes basics""; ""1.1 Introduction""; ""1.2 What is waste?""; ""1.3 Waste categories""; ""1.4 Waste quantities and composition""; ""1.5 Household wastes""; ""1.6 Waste policy and regulation""; ""1.7 Waste reduction and reuse""; ""1.7.1 Reduction and reuse in the home""; ""1.7.2 Commercial and industrial waste reduction""; ""1.8 Summary""; ""Section 2: Waste management technologies""; ""2.1 Introduction""; ""2.2 Landfill""; ""2.2.1 Regulation""; ""2.2.2 Site operation""; ""2.2.3 Site restoration and after-use""</p> <p>""2.2.4 Gas and leachate formation and composition""""2.2.5 Gas control""; ""2.2.6 Gas combustion""; ""2.2.7 Leachate control""; ""2.2.8 Leachate treatment""; ""2.3 Waste incineration""; ""2.3.1 Conventional incineration""; ""2.3.2 Fluidised bed incineration""; ""2.3.3 Emissions abatement technologies""; ""2.3.4 Performance of pollution abatement plant""; ""2.3.5 Solid residue treatment""; ""2.4 Advanced thermal processing techniques""; ""2.4.1 Gasification""; ""2.4.2 Pyrolysis""; ""2.4.3 Use of advanced thermal processes""; ""2.5 Anaerobic digestion""; ""2.5.1 Process""</p> <p>""2.5.2 Gas and digestate use""""2.5.3 Digestion performance â€? a case</p>

study"; ""2.6 Composting"; ""2.6.1 Process"; ""2.6.2 Biofilters"; ""2.6.3 Composting technology: windrows and static piles"; ""2.6.4 Enclosed systems"; ""2.6.5 Uses of composts"; ""2.6.6 Legislation"; ""2.7 Materials recycling"; ""2.7.1 Recycling potential"; ""2.7.2 Collection"; ""2.7.3 Processing"; ""2.8 Mechanical&#x2013;biological treatment"; ""2.8.1 Simple biostabilisation plant"; ""2.8.2 More complex SRF-producing processes"; ""2.8.3 Complex materials, energy and compost plant"; ""2.8.4 SRF and RDF"" ""2.9 Summary"" ""Section 3: Waste management process and environmental impact modelling"; ""3.1 Introduction"; ""3.2 Leachate formation within a landfill"; ""3.2.1 Water balance"; ""3.2.2 Water-retention characteristics"; ""3.2.3 Evapotranspiration and run-off"; ""3.2.4 Minimising leachate"; ""3.3 Other landfill processes"; ""3.3.1 Leachate migration through site liners"; ""3.3.2 Leachate migration beyond the liner"; ""3.3.3 Predicting landfill gas generation"; ""3.3.4 Landfill gas engine emissions dispersion"; ""3.4 Incineration emissions"; ""3.5 Life-cycle assessment"" ""3.5.1 Case study: stages 1 and 2"" ""3.5.2 Case study: stages 3 and 4"; ""3.5.3 Waste system model"; ""3.6 Summary"; ""Section 4: Health impacts of waste management"; ""4.1 Introduction"; ""4.2 Emissions and impacts"; ""4.3 Critical reading of the literature"; ""4.4 Assessing the health impacts of waste management"; ""4.5 Health and safety issues associated with waste collection"; ""4.6 Health impacts of landfill"; ""4.7 Health impacts of incineration"; ""4.8 Health impacts of recycling and biological processing"; ""4.8.1 Bioaerosols"; ""4.8.2 Dust"" ""4.8.3 Emission levels and control measures""

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