

1. Record Nr.	UNINA9910969354003321
Titolo	Odour prevention and control of organic sludge and livestock farming / / edited by V.C. Nielsen, J.H. Voorburg, and P. L'Hermite
Pubbl/distr/stampa	London ; ; New York, : Elsevier Applied Science Publishers New York, NY, USA, : Sole distributor in the USA and Canada, Elsevier Science Pub. Co., c1986
ISBN	9781040190425 1040190421 9780429077852 0429077858 9780415515788 0415515785 9781482286311 1482286319 9781280058493 1280058498 9786610058495 6610058490 9780203215593 0203215591
Edizione	[First edition.]
Descrizione fisica	1 online resource (436 p.)
Altri autori (Persone)	L'HermiteP <1936-> (Pierre) NielsenV. C VoorburgJ. H
Disciplina	628.5/3
Soggetti	Agricultural wastes Livestock Odor control Olfactometry Organic wastes Sewage sludge
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Proceedings of a seminar held in Silsoe, United Kingdom, 15-19 April

1985."

On cover: Commission of the European Communities.

Nota di bibliografia

Includes bibliographies and index.

Nota di contenuto

Book Cover; Title; Contents; Preface; A review of COST Project 681 Treatment and use of organic sludges and liquid agricultural wastes'; A review of work of the FAO Sub-network 2: the reduction of odours in animal production; Odour problems related to waste water and sludge treatment; Agricultural problems related to odour prevention and control; Odour research and ammonia volatilisation; Ammonia loss from grassland systems; Sampling of odorous air for olfactometric measurement; Standardization of olfactometric measurements Selection and treatment of panelists for determination of odor thresholdsVDI guidelines on odour problems; An established system for odour detection threshold measurements; Guideline for olfactometric measurements in The Netherlands: comparison with Western European guidelines; French Tentative Standard X-43-101: Method of measurements of the odour of a gaseous effluent. Comments on interpretations made by Messrs Hartung, Voorburg and Hangartner; Experiences with olfactometric measurements in Norway; Limitations imposed on olfactometric measurements by the human factor Experiences with transportable olfactometersDispersion models for emissions from agricultural sources; Experiences with olfactometers; Physical calibration of olfactometric measurements; Developments in the assessment of odours from sludges; Odour concentration and odour annoyance; Comparison of olfactometric odour measurement and chemical odour measurement; Treatment of livestock manure: air drying and composting poultry manure; The effect of insulating broiler house floors on odour emission; Use of peat as litter for milking cows; Covering manure storing tanks to control odour Machinery spreading: soil injection as a barrier to odour dispersionSwedish experiences with soil injection; Separation as a method of manure handling and odours reduction in pig buildings; Measurements of the olfactometric efficiency of various odour control devices in rendering plants; The effects of weather on odour dispersion from livestock buildings and from fields; Design and use of biofilters for livestock buildings; Experience in the use of biofilters; Design and experience obtained with bioscrubbers; Aeration of pig slurry to control odours and to reduce nitrogen levels Oxygen requirements for controlling odours from pig slurry by aerationAeration and odour control by heterotrophic and autotrophic microorganisms; Identification of volatile components in headspace from animal slurries; Odours at water reclamation works; BOD5, TOA and odour offensiveness; Dust in livestock buildings as a carrier of odours; Dust concentrations in pig buildings; Large-scale biogas plants in Hungary; Anaerobic digestion to control odours; The bio-gas project in Emilia-Romagna (Italy); The bio-gas project in Emilia-Romagna (Italy): first results of five full scale plants Farm experiments of anaerobic digestion to control odours from slurry

Sommario/riassunto

"Proceedings of a round-table seminar, Silsoe, UK, 15-19 April 1985."
--Provided by publisher.
