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Titolo	Odour Prevention and Control of Organic Sludge and Livestock Farming // editors, V.C. Nielsen, J.H. Voorburg
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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 thresholds
VDI 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 olfactometers
Dispersion 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 dispersion
Swedish 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 aeration
Aeration 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.
