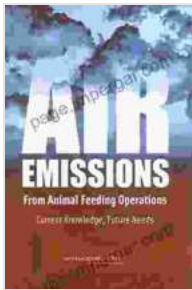


Understanding Air Emissions from Animal Feeding Operations: A Comprehensive Guide

Animal feeding operations (AFOs) are essential to the global food supply chain, providing a significant proportion of meat, dairy, and eggs consumed worldwide. However, these operations also release air pollutants that can have negative impacts on human health and the environment.



Air Emissions from Animal Feeding Operations: Current Knowledge, Future Needs by Stephen Hawley Martin

★★★★☆ 4 out of 5

Language	: English
File size	: 2989 KB
Text-to-Speech	: Enabled
Enhanced typesetting	: Enabled
Word Wise	: Enabled
Print length	: 423 pages
Screen Reader	: Supported
X-Ray for textbooks	: Enabled



Air Emissions From Animal Feeding Operations is a comprehensive and practical resource that provides insights into the sources, characterization, and mitigation strategies for air pollutants emitted from AFOs. This book offers a thorough understanding of:

- The different types of air pollutants emitted from AFOs, including ammonia, particulate matter, greenhouse gases, and odor.

- The sources of these pollutants within AFOs, from animal respiration and waste management to feed storage and land application.
- The characterization of air emissions from AFOs, including their composition, concentrations, and temporal and spatial variations.

li>The impact of air emissions from AFOs on human health, the environment, and climate change.

- The mitigation strategies available to reduce air emissions from AFOs, including management practices, feed additives, and air pollution control technologies.

Key Features:

- Comprehensive coverage of air emissions from AFOs, from sources to mitigation strategies.
- Practical guidance on monitoring, modeling, and assessing air emissions from AFOs.
- In-depth discussion of the latest research and best practices in AFO air pollution management.
- Case studies and examples to illustrate the application of mitigation strategies.
- References to relevant literature and resources for further exploration.

Target Audience:

- Agricultural producers and industry professionals

- Researchers and scientists in animal science and environmental engineering
- Regulators and policymakers responsible for air quality management
- Students and educators in agricultural and environmental sciences

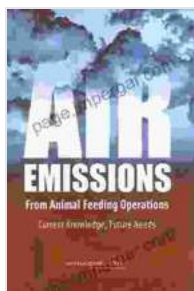
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Dr. Robert J. Xin is a Professor of Agricultural and Biological Engineering at Purdue University. He has over 25 years of experience in air quality research and extension related to animal agriculture. **Dr. Edward C. Nfon** is a Professor of Biological and Agricultural Engineering at North Carolina Agricultural and Technical State University. He has over 20 years of experience in air quality monitoring, modeling, and mitigation for animal feeding operations.

Free Download Your Copy Today!

Air Emissions From Animal Feeding Operations is a valuable resource for anyone involved in the management, regulation, or study of air emissions from AFOs. Free Download your copy today and gain a comprehensive understanding of this important topic.

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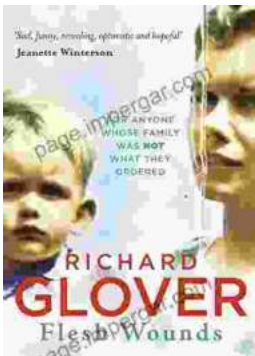
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