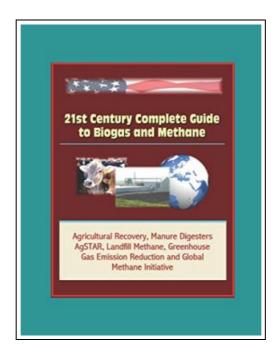
## 21st Century Complete Guide to Biogas and Methane: Agricultural Recovery, Manure Digesters, AgSTAR, Landfill Methane, Greenhouse Gas Emission Reduction and Global Methane Initiative (Paperback)



Filesize: 3.06 MB

### Reviews

It in a of the most popular pdf. It really is full of knowledge and wisdom Its been developed in an exceptionally easy way and it is just right after i finished reading through this publication by which really altered me, alter the way in my opinion.

(Dr. Alexa Rogahn)

# 21ST CENTURY COMPLETE GUIDE TO BIOGAS AND METHANE: AGRICULTURAL RECOVERY, MANURE DIGESTERS, AGSTAR, LANDFILL METHANE, GREENHOUSE GAS EMISSION REDUCTION AND GLOBAL METHANE INITIATIVE (PAPERBACK)



Independently Published, United States, 2017. Paperback. Condition: New. Language: English. Brand new Book. This unique compilation provides comprehensive coverage of all aspects of biogas, methane, farm recovery processes, manure digesters and processing, the AgSTAR program, landfill methane gas, and the Global Methane Initiative. AgSTAR is focused on livestock producers (typically swine and dairy farms) for implementing methane recovery systems appropriate for confined livestock facilities that handle liquid or slurry manure. Gas recovery systems and digester technologies may provide enhanced environmental (air and water) and financial performance when compared to traditional waste management systems such as manure storages and lagoons. When livestock manure that is handled as a liquid or slurry decomposes anaerobically (without the presence of oxygen), it produces biogas. In waste management systems that are designed for treatment, such as digesters and anaerobic lagoons, biogas consists of about 60 to 70% methane and 30 to 40% carbon dioxide. When these gases are collected and transmitted to a combustion device, such as an electric generator, boiler, or absorption cooler, energy is produced. The captured biogas, which is 60 to 70 percent methane, can be used to generate electricity or replace fossil fuels for other energy needs. Municipal solid waste (MSW) landfills are the third-largest source of human-related methane emissions in the United States, accounting for approximately 17 percent of these emissions in 2009. At the same time, methane emissions from landfills represent a lost opportunity to capture and use a significant energy resource. Landfill gas (LFG) is created as solid waste decomposes in a landfill. This gas consists of about 50 percent methane (the primary component of natural gas), about 50 percent carbon dioxide (CO2), and a small amount of non-methane organic compounds. Instead of escaping into the air, LFG can be captured, converted, and used as an energy source....

- Read 21st Century Complete Guide to Biogas and Methane: Agricultural Recovery, Manure Digesters, AgSTAR, Landfill Methane, Greenhouse Gas Emission Reduction and Global Methane Initiative (Paperback) Online
- Download PDF 21st Century Complete Guide to Biogas and Methane: Agricultural Recovery, Manure Digesters, AgSTAR, Landfill Methane, Greenhouse Gas Emission Reduction and Global Methane Initiative (Paperback)

### You May Also Like



#### Crafting the Personal Essay: A Guide for Writing and Publishing Creative Non-Fiction (Paperback)

F&W Publications Inc, United States, 2010. Paperback. Condition: New. Language: English. Brand new Book. Award winning essayist Scott Russell Sanders once compared the art of essay writing to "the pursuit of mental rabbits"-a rambling through...

Save Book

**w** 



# Saudi Arabia's Permeable Internet Ict (Information and Communications Technology) - Examination of Chinese Closed Internet Restrictions Compared to U.S. Open Web, Saudi Diversification (Paperback)

Independently Published, United States, 2019. Paperback. Condition: New. Language: English. Brand new Book. Due to countless political, economic, and social interactions between China and the United States since China's opening to the West in 1971,...

Save Book

>>



# Arsenic Removal from Drinking Water by Iron Removal U.S. EPA Demonstration Project at Sabin, MN Final Performance Evaluation Report

BiblioGov, 2017. Paperback. Condition: New. PRINT ON DEMAND Book; New; Publication Year 2017; Not Signed; Fast Shipping from the UK. No. book.

Save Book

**w** 



#### THE WADSWORTH GUIDE TO RESEARCH 2ED (IE): MILLER-COCHRAN S K

PAPERBACK. Condition: New. Book Cover and ISBN may be different from US edition but contents as same US Edition. Excellent Quality, Service and customer satisfaction guaranteed! We may ship the books from Asian regions for...

Save Book

>>



#### Easy Learning Complete Italian Grammar, Verbs and Vocabulary (3 books in 1) (Collins Easy Learning Italian)

Collins 2016-01-14, 2016. Condition: New. Brand new book, sourced directly from publisher. Dispatch time is 24-48 hours from our warehouse. Book will be sent in robust, secure packaging to ensure it reaches you securely.

Save Book

**»**