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Autore	Yimer Bezabih
Titolo	Alternative energy sources to combat climate change : biogas production using cost effective material / / Yimer, Bezabih
Pubbl/distr/stampa	Hamburg, Germany : , : Anchor Academic Publishing, , 2014 ©2014
ISBN	3-95489-627-3
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Soggetti	Energy consumption - Economic aspects Energy development - Germany Renewable energy sources - Germany Electronic books.
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	Alternative energy sources to combat climate change; Acknowledgements; Table of contents; ABSTRACT; 1 Introduction; 1.1 Background; 1.2 Problem Statement; 1.3 Purpose of the Study; 1.4 Hypothesis; 1.5 Objectives of the Study; 2 Literature Review; 2.1 Fuel Consumption in Ethiopia; 2.2 Biomass and Biogas Energy Technologies in Ethiopia; 2.3 Theory of Biogas Technology; 2.4 Benefits of Low- Cost Plastic Biodigester Technology; 2.5 Input Materials for Bio- Gas Production; 2.6 Biogas Production Processes; 2.7 Theory of Biogas Burner; 2.8 The Slurry after Digestion 2.9 Measurement of Biogas Production2.10 Designing of Digesters; 2.11 Working of Fixed-Dome Biogas Plant; 2.12 Selection and Layout of Pipeline and Biogas Accessories; 2.13 Transfer of the Plastic Film Biodigester Technology; 2.14 Promotion of Fixed and Floating Dome Biogas Plant; 2.15 Economic Evaluations of Biogas Plants; 2.16 LDPE Geomembrane Plastic; 2.17 Theory of Environmental Impact Assessment (EIA); 3 Materials and Methods; 3.1. Description of the Study Area; 3.2 Experimental Design and Layout; 3.3 Geomembrane Plastic Construction methodology; 3.4 Data Collection Procedures 3.5 Statistical Analysis4 Result and Discussion; 4.1 Operation of Plastic

Biodigester; 4.2 Biogas production; 4.3 Temperature of the Air and Slurry; 4.4 Characteristics of Bio-digested Slurry (Effluent) and the Influent; 4.5 Characteristics of Total-N in the Slurry and Influent; 4.6 Characteristics of Organic Matter in the Slurry and Substrate; 4.7 Characteristics of pH of Fermented Slurry; 4.8 Efficiency of the Biodigesters; 4.9 Economic Evaluations; 4.10 Social aspect of biogas technology; 4.11 Technological aspect of geomembrane plastic biodigester
4.12 Technical problems with the geomembrane plastic digester4.13 Environmental Impact Assessment of the Plastic Biodigester; 5 Conclusions and Recommendation; 5.1 Conclusions; 5.2 Recommendations; References; Appendix; List of Tables; List of figures; Acronyms

Sommario/riassunto

The shortage of energy in rural areas and the pollution of the environment from animal wastes due to lack of appropriate technology in Africa motivated the author to conduct research and write this book. In this research book an economically feasible, technically acceptable and environmentally friendly biogas plant is designed by using low cost plastic materials. This book is an essential reference for chemical engineering, environmental engineering and agricultural students. The concept solves global environmental pollution and the problem of lack of energy and organic fertilizer in rural com

2. Record Nr. UNINA9910453827003321

Titolo	Liver diseases (2 volumes) : biochemical mechanisms and new therapeutic insights / / edited by Shakir Ali
Pubbl/distr/stampa	Boca Raton, FL : , : CRC Press, an imprint of Taylor and Francis, , 2006
ISBN	0-429-08320-3 1-4822-8039-6 1-57808-646-9
Edizione	[First edition.]
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Soggetti	Liver - Diseases Liver - Pathophysiology Electronic books.
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	chapter Cover -- chapter Half Title -- chapter Title Page -- chapter Copyright Page -- chapter Preface -- chapter Contents -- chapter About the Editors -- chapter About the Authors -- chapter Section - I. Liver Diseases: Mediators and Regulation -- chapter Section - II. Immunological Basis of Liver Injury -- chapter Cover -- chapter Half Title -- chapter Title Page -- chapter Copyright Page -- chapter Preface -- chapter Contents -- chapter About the Editors -- chapter About the Authors -- chapter Section - III. Clinical Liver Disease Pathophysiology -- chapter Section - IV. Therapeutic and Diagnostic Insights.
Sommario/riassunto	This book presents state-of-art information summarizing the current understanding of a range of liver diseases, and reviews some key diagnostic and therapeutic advances. The book is a collection of selected clinical and scientific topics divided into two volumes, each divided into two sections. The first volume treats the cellular, biochemical and immunological mechanisms underlying liver diseases; the second focuses on clinical liver disease pathophysiology and related diagnostics and therapeutic insights. It is hoped that the target readers - hepatologists, clinicians, researchers and cademicians - will be

exposed to new ideas, and subjects beyond their own scientific disciplines. In addition, students and all those who wish to enlarge their knowledge of advances in the field of liver diseases will find this book a good source of information.

3. Record Nr. UNINA9910155773503321

Autore	Teisen-Diether Simone
Titolo	Wackelkopfchen : mein leben mit einer kopfgelenksinstabilitat / / Simone Theisen-Diether
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