

Algal Biofuels: Crucial Concerns and Impending Perceptions



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This edited volume focuses on comprehensive state-of-the-art information about the practical aspects of cultivation, harvesting, biomass processing and biofuel production from algae. Chapters cover topics such as synthetic ecological engineering approaches towards sustainable production of biofuel feedstock, and algal biofuel production processes using wastewater. Readers will also discover more about the role of biotechnological engineering in improving ecophysiology, biomass and lipid yields.

Particular attention is given to opportunities of commercialization of algal biofuels that provides a realistic assessment of various techno-economical aspects of pilot scale algal biofuel production. The authors also explore the pre-treatment of biomass, catalytic conversion of algal lipids and hydrothermal liquefaction with the biorefinery approach in detail. In a nut shell, this volume will provide a wealth of information based on a realistic evaluation of contemporary developments in algal biofuel research with an emphasis on pilot scale studies. Researchers studying and working in the areas of environmental science, biotechnology, genetic engineering and biochemistry will find this work instructive and informative.

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Donna Canales:

What is your hobby? Have you heard that will question when you got pupils? We believe that that query was given by teacher to their students. Many kinds of hobby, Every individual has different hobby. Therefore you know that little person just like reading or as reading through become their hobby. You need to understand that reading is very important along with book as to be the point. Book is important thing to provide you knowledge, except your personal teacher or lecturer. You find good news or update with regards to something by book. Numerous books that can you take to be your object. One of them is niagra Algal Biofuels: Crucial Concerns and Impending Perceptions.

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