Environmental sustainability of biofuels: a review

Miscanthus x giganteus - Wikipedia
Miscanthus x giganteus, also known as the giant miscanthus, is a sterile hybrid of Miscanthus sinensis and Miscanthus sacchariflorus. It is a perennial grass with bamboo-like stems that can grow to heights of 3-4 metres (13 ft) in one season (from the third season onwards). Just like Pennisetum purpureum, Arundo donax and Saccharum ravennae, it is also called elephant grass.

Renewable resource - Wikipedia
A renewable resource, also known as a flow resource, is a natural resource which will replenish to replace the portion depleted by usage and consumption, either through natural reproduction or other recurring processes in a finite amount of time in a human time scale. When the recovery rate of resources is unlikely to ever exceed a human time scale, these are called perpetual …

Green Car Congress

Aerogels for water treatment: A review - ScienceDirect
Dec 20, 2021 · The huge surface area and method of aerogel synthesis play a major role in these materials’ treatment efficiency for pollutants in water-treatment plants (Kundu and Mishra, 2018). Techniques for aerogel preparation include sol-gel, epoxide addition, self-assembly, template, plasma-induced and emulsion techniques (Xi and Shao 2020). The pros and …

Table of Contents - Energy
Other Ethanol and Non-Woody Biomass Fuels, including Biohydrogen. 47 Woody Biomass Fuel for Energy and Cellulosic Biofuels. 47 4 Other Biofuels

Agro-industrial wastes and their utilization using solid
Jan 02, 2018 · Agricultural residues are rich in bioactive compounds. These residues can be used as an alternate source for the production of different products like biogas, biofuel, mushroom, and tempeh as the raw material in various researches and industries. The use of agro-industrial wastes as raw materials can help to reduce the production cost and also reduce the pollution …