



Recycling of Biomass Combustion Ashes

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Biomass is one of the most important renewable energy sources in the energy industry. It is anticipated that burning biomass will supply 33–50 percent of the world's energy needs by 2050. Similar to how biomass burns, burning of biomass has the potential to produce approximately 476 million tons of ashes annually. The amount of ash typically falls somewhere in the 18.5 MJ kg⁻¹ range. However, it is particularly challenging to identify biomass ash such ash should be used for agriculture and land reclamation if its pollution levels are low. This review aims to discuss their composition, and the possibilities for their reuse in various industries and the environment.

Introduction

The world is facing a global energy crisis, and biomass is considered one of the most sustainable energy sources. Biomass combustion produces energy and biomass ash. Biomass ash is a by-product of biomass combustion, and its disposal is a major environmental problem. Biomass ash is a complex material, and its composition varies depending on the biomass source and the combustion process. Biomass ash is a complex material, and its composition varies depending on the biomass source and the combustion process. Biomass ash is a complex material, and its composition varies depending on the biomass source and the combustion process.

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