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Title (English)

Hydrothermal carbonization of biowaste – a step towards efficient carbon sequestration and sustainable energy production

Title (Swedish)

Abstract

Hydrothermal carbonization is a process that under rather mild temperatures and pressures turns carbohydrates into coal like materials in a few hours or days. In this study, the environmental benefits of hydrothermally carbonized biowaste for energy production, carbon sequestration and soil improvement were evaluated.

Keywords

Hydrothermal carbonization, biowaste, energy, soil improvement, carbon sink, horse manure, seaweed, fiberbank

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