

Biochar carbon sink - implementation in south Sumatra, Indonesia

Feasibility

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The project

on biomass utilization and forest conservation is proposed as a Clean Development Mechanism (CDM) project, by incorporating the carbonization of biomass residue and waste from the tree plantations and pulp mills, and also non-fuel utilization of charcoal like soil amendment in agriculture and forestry, water purification, etc. The total amount of carbon acquired by biochar reaches 18,587 Mg-C year⁻¹ (biochar used for soil improvement).

Mitigation and Adaptation Strategies for Global Change, 2003, 8: 261-280

Mitigation and Adaptation Strategies for Global Change, 2006, 11: 429-444