

Project Snapshot

SUMATRA MERANG PEATLAND PROJECT (SMPP)

SUMMARY

The **Sumatra Merang Peatland Project (SMPP)** in Indonesia focuses on the restoration and conservation of degraded peatland to mitigate climate change and preserve biodiversity. It aims to prevent fires, restore hydrology by blocking canals draining the area, and protect habitats for endangered species. The project targets significant greenhouse gas emission reductions and enhanced forest cover, alongside improving community skills and livelihoods, promoting gender equality, and enhancing health, education, and water access for local populations.

Restoration and Conservation of Degraded Peatlands

Restoration and conservation of degraded peatlands involve rewetting dried areas, reintroducing native plant species, and halting further degradation activities like logging or agricultural expansion. These efforts help restore the peatland's natural water balance, enabling it to sequester carbon effectively, reduce greenhouse gas emissions, and revive biodiversity. Benefits include enhanced ecosystem resilience, improved water quality, flood mitigation, and support for local communities through sustainable land use practices, contributing to climate change mitigation and biodiversity conservation.

An Assessment of SMPP

Pros

- Aims to restore over 22,000 hectares of degraded peatland, enhancing biodiversity.
- Provides sustainable development benefits to local communities, including improved water management and livelihood diversification.

Cons

- **Controversies around forestry projects raise doubts as to true carbon impact.**
- Complexities in peatland restoration can lead to variable outcomes.

Overview

Project Code	VCS 1899
Sector	Forestry and Land Use
Sub-sector	Peatland
Methodology	VM0007

SUMATRA MERANG PEATLAND PROJECT (SMPP)

Ownership	Forest Carbon (Equator Group Pte Ltd)
Location	South Sumatra, Indonesia
Project Validator	Aster Global Environmental Solutions, Inc.
Project Area	22,922 Hectares
Crediting Period	01/01/2016 - 31/12/2062
Est. Annual Reduction	1,338,569 mtCO ₂ e
Total Emission Reduction	62,912,755 mtCO ₂ e

CONSOLIDATED PROJECT RATING RANGE

