

RAJA MUSA FOREST RESERVE

GEC FOREST REHABILITATION PROJECT



FOREST TYPE

Peat Swamp Forest. A forest that is characterized by the accumulation of partially decomposed organic matter under waterlogged conditions to form carbon-rich soil called peat.

AREA

23,486 hectares.

LOCATION

Northwest of Selangor State.

SIGNIFICANT IMPORTANCE

The Raja Musa Forest Reserve plays a global importance for its role in maintaining endangered and endemic species (biodiversity conservation) and as huge carbon sink and preventing global warming.

BACKGROUND

Raja Musa Forest Reserve is a forest reserve area that had been illegally encroached by people and turned into farms / agricultural and settlement area.

Drainage canals that were built for the illegal agricultural activities have caused water to drain out from the peat. This had led the area susceptible to peat fires and oxidization; indirectly contribute to carbon emission and global warming.

REHABILITATION OF RAJA MUSA FOREST RESERVE PROGRAMME

A collaborative programme among Global Environment Centre, Selangor State Government and Selangor State Forestry Department to secure corporate sponsorship to rehabilitate 1,000 hectares of degraded land within a 23,000 hectares peat swamp forest.

The programme includes a range of actions including fire prevention, restoration of natural water table, and encouragement of natural regeneration as well as replanting of severely degraded areas. The programme involves the engagement of local communities and volunteers in carrying out the seedling procurement, enrichment planting, post planting treatment and monitoring of threats.

GET INVOLVED!

Since December 2008 to 2013, more than 9,500 volunteers participated in numerous tree planting events at this site and more than 85,000 saplings were planted on 150 hectares of land. The programme aims to rehabilitate the 1,000 hectares of degraded areas within the forest reserve.

Support our **Stop the Haze Campaign** to assist Sahabat Hutan Gambut Selangor Utara in forest fire monitoring and prevention and improvement of water management in buffer zone areas of the forest reserve on daily basis during drought season. GEC undertakes the fundraising initiatives to ensure sufficient funding and distributes it to support the community group and purchase firefighting and preventive equipment and also constructing the canal blocks as per required.



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