

SABAK BERNAM MANGROVES

GEC FOREST REHABILITATION PROJECT



FOREST TYPE

Mangrove Forest. A type of vegetation that lives in coastal areas, estuaries, around islands where influenced by the tides. It is characterized by periodic inundation by the sea, soft sediment conditions (muddy). Mangrove grows in soil that is more or less permanently waterlogged, and in water whose salinity fluctuates. It is a wetland area.

AREA

7 hectares.

LOCATION

Bernam River, Selangor State.

SIGNIFICANT IMPORTANCE

Its fishing activities supporting the livelihood of local communities and it serves as an important riparian buffer zone. Riparian buffers are vital elements of watersheds due to their protection of surface and ground water quality from impacts related to human land use. The area is a complex ecosystem that provides food and habitat for unique plant and animal species.

BACKGROUND

The Sabak Bernam Mangroves used to be a fishing activities area that supports the local communities' livelihood and serves as an important riparian buffer zone. It is now a desolated area due to abandoned unsustainable aquaculture farms. This caused the degradation water resources for the local community.

SABAK BERNAM MANGROVES REHABILITATION PROGRAMME

A collaborative efforts by Global Environment Centre, Sabak Bernam District office (PTDSB), Selangor State Drainage and Irrigation Department (JPS), Selangor Water Management Authority (LUAS), Selangor State Forestry Department (JPNS), Sabak Bernam District Council and the local community to rehabilitate 8 hectares of Sabak Bernam Mangroves.

The project activities include the involvement of local communities, stakeholders and students in mangroves rehabilitation programme, establishment of community-based nursery, encouragement of natural regeneration as well as replanting severely degraded areas and to enhance and promote the understanding and awareness of mangrove forest and Bernam River and its importance to various stakeholders by effective environmental education programme.

GET INVOLVED!

Sponsor a rehabilitation event. Since early of February 2014, there are approximately 1,500 saplings planted, thanks to supporters.

Supporting GEC's fundraising initiatives to assist maintenance cost for the nursery and seedlings. The mangrove nursery is managed by the local community to ensure continuous supply of mangrove saplings for rehabilitation activity.

These actions help to build more mangrove educational and interpretative board to raise awareness and promote mangrove rehabilitation and protection in Sabak Bernam.

