

A PRELIMINARY MANAGEMENT PLAN OF MANGROVE
FOREST AROUND UPMT AREA

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A PRELIMINARY MANAGEMENT PLAN OF MANGROVE
FOREST AROUND UPMT AREA

BY

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ABSTRACT

The area around UPMT has a lot mangrove trees growing. The species of mangrove trees here are mainly *Rhizophora sp.* and *Sonneratia sp.*. The number of mangrove tree here is descending as compared to 20 years back. The decreases in number of mangrove tree can be stop by having a proper management plan. The local people here do not appreciate mangrove forest and they are destroying it. To protect this area from destruction by local people, it is needed to rise their awareness of the valuable of mangrove forest by conducting activities together with local people regarding mangrove forest. Other than that, development of this area has destroyed the nature of this forest. Hence, this process damages the mangrove seedling and old trees too. The water system in UMPT itself is not efficient and always cause flooding when there is heavy downpour. It is suggested to build a bridge that joins the road across the waterways. This will allow free flow of waters. Boundary and authority problems have always stop UPMT from do something in this area. It is recommended to form an organization joint by government department's and local people to discuss issue on mangrove forest. UPMT area is classed into 6 zone. Zone 1 and 2 are a good place to replant it with mangrove trees. These two place has plenty of space to grow mangrove trees. Zone 3 is not suitable for replanting mangrove trees because of its low salinity and acidic waters. So, it is better to turn it into a park for leisure. Zone 5 and 6 has a well-grown mangrove tree area. It should have clear boundaries to keep it away from intruders. People who intrude into that area can be fine.

ABSTRAK

Kawasan di sekitar UPMT ditumbuhi dengan pokok bakau. Spesies pokok bakau yang utama di kawasan ini adalah *Rhizophora sp.* dan *Sonneratia sp.*. Bilangan pokok bakau di kawasan ini semakin berkurangan berbanding dengan 20 tahun yang lepas. Pengurangan bilangan pokok bakau di kawasan ini dapat dibaikpulih sekiranya kawasan ini mempunyai satu pelan pengurusan untuk mengurusnya. Penduduk tempatan di sini tidak menghargai hutan bakau dan merosakkan pokok-pokok bakau. Untuk melindungi kawasan ini, adalah penting untuk meningkatkan kesedaran penduduk tempatan tentang kebaikan hutan bakau dengan mengadakan aktiviti bersama penduduk kampung. Selain daripada itu, pembangunan juga menyebabkan kemusnahan hutan ini. Sistem pengaliran di kawasan UPMT adalah tidak efisien dan selalu menyebabkan banjir apabila berlaku hujan lebat. Dengan itu, adalah dicadangkan untuk membina jambatan untuk sambungkan jalan yang melalui saluran di UPMT. Masalah kuasa dan sempadan telah selama ini menghalang pihak UPMT daripada mengambil sebarang tindakan ke atas kawasan ini. Adalah dicadangkan untuk membentuk satu organisasi yang membabitkan pihak jabatan kerajaan seperti jabatan perhutanan dan jabatan perparitan dan saluran serta penduduk-penduduk kampung. Matlamat penting organisasi ini ialah untuk membincangkan isu-isu tentang hutan bakau ini. Kawasan UPMT dikelaskan kepada 6 zon. Zon 1 dan 2 adalah sesuai untuk ditanam semula dengan pokok bakau. Kedua-dua kawasan ini mempunyai kawasan yang luas untuk ditanam dengan pokok bakau. Zon 3 pula adalah tidak sesuai ditanam dengan pokok bakau kerana kawasan ini mempunyai nilai kemasinan yang rendah dan air yang berasid. Kawasan ini adalah lebih sesuai dijadikan sebagai sebuah taman. Zon 5 dan 6 adalah kawasan yang ditumbuhi baik oleh pokok bakau. Kawasan ini perlu ada satu sempadan yang jelas untuk menghalang orang daripada mencero bohi kawasan ini. Penceroboh boleh didenda.

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