



**MENGARUSPERDANA PEMULIHARAAN
KEPELBAGAIAN BIOLOGI DALAM PENGURUSAN SUNGAI**
Mainstreaming of Biodiversity Conservation into River Management

List of Suitable Plants for Slope Bioengineering

Senarai tumbuhan yang sesuai untuk bio-kejuruteraan cerun

No Bil.	Name of plants species <i>Nama spesies tumbuhan</i>
Ground Cover or Grass <i>Tanaman Penutup Bumi atau Rumput</i>	
1	<i>Axonopus compressus</i> 'mutiara'
2	<i>Axonopus affinis</i>
3	<i>Cynodon dactylon</i>
4	<i>Digitaria didactylia</i>
5	<i>Panicum virgatum</i>
6	<i>Stenotaphrum secundatum</i>
7	<i>Stenotaphrum secundatum variegatum</i>
8	<i>Vetiveria zizanioides</i>
9	<i>Zoysia sp.</i>
10	<i>Vetiver zizanioides</i>
11	<i>Pueraria phaseoloides</i>
12	<i>Calopogonium mucunoides</i>
13	<i>Centrosema pubescens</i>
14	<i>Wedelia trilobata</i>



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Shrubs, Trees etc. <i>Pokok renek, pokok dll.</i>	
1	<i>Syzigium campanulatum</i>
2	<i>Leucaena leucocephala</i>
3	<i>Leucaena glauca</i>
4	<i>Lantana camara</i>
5	<i>Acacia mangium</i>
6	<i>Melastoma malabathricum</i>
7	<i>Rhodomyrtus tomentosa</i>
8	<i>Dillenia suffruticosa</i>
9	<i>Musa spp.</i>
10	<i>Heliconia</i>
11	<i>Allamanda cathartica</i>
12	<i>Turnera</i>
13	<i>Melastoma malabathricum</i>
14	<i>Sansevieria trifasciata</i>
15	<i>Gigantochloa levis</i>



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List of Suitable Plants for Riparian and Riverbank planting

Tumbuhan Sesuai Untuk Tanaman Riparian Dan Tebing Sungai

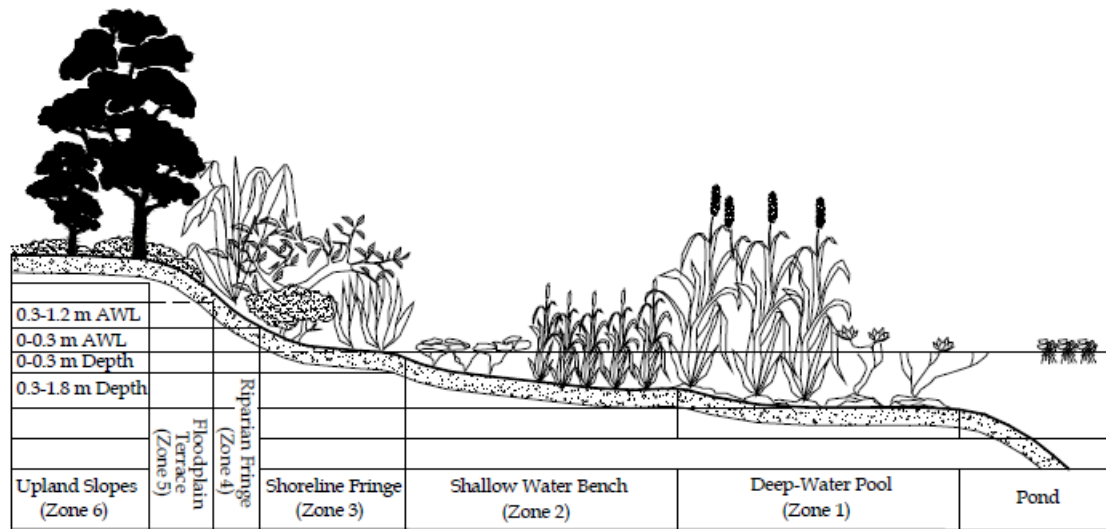


Figure 1: Longitudinal section of Typical wetland or pond (Source: MSMA, 2012)

Rajah 1: Bahagian longitudinal tanah lembap atau kolam biasa (Sumber: MSMA, 2012)



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No Bil	Name of plants species	Nama spesies tumbuhan
Deep Water Pool <i>Kolam Air Dalam</i>		
1	<i>Cyperus compactus</i>	
2	<i>Cyperus digitatus</i>	
3	<i>Cyperus halpan</i>	
4	<i>Lepironia articulata</i>	
5	<i>Nasturtium sp.</i>	
6	<i>Nelumbo nucifera</i>	
7	<i>Nymphaea lotus dentata</i>	
8	<i>Nymphaea nouchali</i>	
9	<i>Nymphaea rubra</i>	
10	<i>Nymphaea tashkent</i>	
11	<i>Phragmites karka</i>	
12	<i>Phylidrum lanuginosum</i>	
13	<i>Rynchospora corymbosa</i>	
14	<i>Scirpus grassus</i>	
15	<i>Scirpus juncoides</i>	
16	<i>Typha latifolia</i>	
17	<i>Scleria sumatrensis</i>	
18	<i>Victoria sp.</i>	



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Shallow Water Bench <i>Air Cetek</i>	
1	<i>Cleome spinose</i>
2	<i>Eleocharis vaiegata</i>
3	<i>Eriocalon longifolium</i>
4	<i>Fimbristylis glabulosa</i>
5	<i>Fuirena umbrellata</i>
6	<i>Hanguana malayana</i>
7	<i>Ludwigia adscendens</i>
8	<i>Monocharia hastata</i>
9	<i>Pandanus immersus</i>
10	<i>Pandanus sp.</i>
11	<i>Rynchospora corymbosa</i>
12	<i>Sagittaria sagietafolia</i>
13	<i>Scleria sumatrensis</i>
14	<i>Stachhytapheta jamaicensis</i>
15	<i>Vanda hookeriana</i>
16	<i>Zingiberaceae sp.</i>
Shoreline Fringe <i>Pinggir Pantai</i>	
1	<i>Alstonia spathulata</i>
2	<i>Artocarpus altilis</i>
3	<i>Barringtonia asiatica</i>



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4	<i>Caryota mitis</i>
5	<i>Cystostachys lakka</i>
6	<i>Dillenia suffruticosa</i>
7	<i>Melaleuca leucadendron</i>
8	<i>Pometia pinnata</i>
9	<i>Saraca thaipingensis</i>
10	<i>Shorea platycarpa</i>
11	<i>Sindora coriaceae</i>
12	<i>Spathodea campanulata</i>
Riparian Fringe <i>Pinggir Riparian</i>	
1	<i>Arachis pintoii</i>
2	<i>Asystasia gangetica</i>
3	<i>Bambusa vulgaris</i>
4	<i>Caryoto no</i>
5	<i>Cocoloba uvifera</i>
6	<i>Cratoxylon arborescens</i>
7	<i>Dillenia suffruticosa</i>
8	<i>Elaeocarpus</i>
9	<i>Ficus benjamina</i>
10	<i>Ficus globosa</i>
11	<i>Johannesteijsmannia altifrons</i>
12	<i>Koompassia malaccensis</i>



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13	<i>Licuala spinose</i>
14	<i>Melia excels</i>
15	<i>Nephrolepis sp.</i>
Floodplain Terrace <i>Dataran Banjir Teres</i>	
1	<i>Alstonia angustiloba</i>
2	<i>Archontophoenix alexandrae</i>
3	<i>Costus speciosus</i>
4	<i>Dendrocalamus giganteus</i>
5	<i>Dyera costulata</i>
6	<i>Fragrae fragrans</i>
7	<i>Heliconia psitacorum</i> 'yellow'
8	<i>Legerstroemia flos reginea</i>
9	<i>Melastoma malabathricum</i>
10	<i>Messua ferrea</i>
11	<i>Mussaenda erythrophylla</i>
12	<i>Oncosperma horridum</i>
13	<i>Oncosperma tigillarum</i>
14	<i>Pandanus pigneus</i>
15	<i>Pisonia alba</i>
16	<i>Tacca chantrieri</i>



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Upland Slopes <i>Cerun Tanah Tinggi</i>	
1	<i>Bauhinia blakeana</i>
2	<i>Cananga odorata</i>
3	<i>Canarium vulgare</i>
4	<i>Cassia fitsula</i>
5	<i>Cicca acida</i>
6	<i>Cinnamomum iners</i>
7	<i>Dryobalanops aromatic</i>
8	<i>Eucalyptus deglupta</i>
9	<i>Flacourtia inermis</i>
10	<i>Hibiscus mutabilis</i>
11	<i>Livistona rotundifolia</i>
12	<i>Melia excels</i>
13	<i>Milletia atropurpurea</i>
14	<i>Peltophorum pterocarpum</i>
15	<i>Pritchardia pacifica</i>
16	<i>Rhapis excelsa</i>
17	<i>Roystonea regia</i>
18	<i>Tectona grandis</i>
19	<i>Zizyphus mauritina</i>



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Reference Rujukan:

Department of Irrigation and Drainage, Malaysia. (2012). Urban Stormwater Management Manual for Malaysia. 2nd Edition. Kuala Lumpur: Malaysia.

Normaniza Osman, Hazreena Hussein, Maszairizam Masri, & Aimee Halim. (2021). Garis panduan 'Pengurusan cerun berisiko rendah dan sederhana: teknik eko-kejuruteraan'. Copyright. IPR No.: LY2021W06526.

Public Works Department, Malaysia. (2011). Panduan Kerja Bio-Kejuruteraan Cerun. PWD Headquarters. Kuala Lumpur: Malaysia.