



## **Decision Making Support System (DMSS) For Water Resources And Flood Mitigation**

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Flooding is a significant issue in low-lying parts of the catchment in Malaysia, leading to flood damage & disruption in major storm events. Recognising the potential to reduce damage, the decision making support system (DMSS) has been developed to optimise the operation of the water resources assets to both maximise the effectiveness of flood control & maximize the availability of water for public supply & irrigation demand under drought conditions. DMSS functions as to reduce human error during critical times. The tools optimized rules for barrage, sluice gates, pumping station & dams. Its provide priority for flood zone protection & fuzzy logic supervisory control for all equipment.