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Title of presentation

Transformation from River Channelisation to River Revitalisation in Hong Kong

Abstract

River channelisation is a conventional approach for controlling flood in view of its outstanding hydraulic performance. However, it brings negative impact on the city landscape and leads to degradation in the river ecology and overall biodiversity in species. With a vision of providing sustainable drainage services and pursuing a higher standard in environmental/ecological preservation, Drainage Services Department has incorporated environmentally friendly design in its recent drainage projects such as Upper Lam Tsuen River and Kai Tak River, etc. Indeed, incorporation of such design in a densely developed area like Hong Kong is a great challenge. In this presentation, the speaker will share with the participants how the department made an evolution of the drainage design philosophy from channelisation to revitalisation.