

PROJECT :-

MASTERPLAN STUDY ON FLOOD MITIGATION AND RIVER MANAGEMENT FOR THE KERIAN AND KURAU RIVER BASINS

LOCATION :-
Kuala Lumpur

CLIENT :-
Jabatan Pengairan Dan Saliran Malaysia

Job Description :-

The Project is a River Management Study to identify the main cause of flooding and recommendation of mitigation measures for the protection of irrigation, residential, commercial area as well as public amenities such as road, highway, railway services and schools.

The Detailed Works include :-

- Formulation of a comprehensive Flood Mitigation and River Management Plan for the river basins
- Flood Mitigation works for the Kerian and Kurau River and its major tributaries
- Water Resources Review
- Identification of EIA requirements
- Formulation of Legislation and Institutional frameworks
- Establishment of River Basin Information System (RBIS)

SERVICES PROVIDED :-

- Geotechnical & Engineering Survey
- Hydrology (RORB modelling)
- Hydraulics (Infoworks RS for flood profile)
- Preliminary EIA



**North – South Expressway
- inundated during 1999 flood**



**Sg Kerian River Mouth
(Sg Udang Fishing Village on left bank)**



**Collapsed of river bank due to
sand mining activity at Sg Selama,
near Selama, Perak**