

Recent groundwater studies in the Klang Valley

SAIM SURATMAN AND NAZAN AWANG

Abstrak (Abstract)

Public water supply shortage in the Klang Valley, which was known as the Selangor Water Crisis, has sparked an initiative to find alternative or additional sources by the Selangor state government. Surface water (river and reservoir) dependency has seriously affected the treated water supply system in certain parts of Klang and Langat Valleys during the crisis as resulted from low rainfall in the catchment area of Sg. Klang (Klang Gate area), Sg. Langat and Sg. Semenyih.

To alleviate the problem of water shortages, the alternative source such as groundwater, lake water and water from the former mining ponds were used. Groundwater has played quite significantly towards relieving the crisis and will also help in future water supply, as areas with substantial groundwater reserves have been located.

Like many other resources, groundwater needs protection. Geological Survey Act 1974, Selangor Water Supply Enactment 1997 and Environmental Quality Act 1974 are the existing legislation protecting the resources.

