

Prospect and Potential of Regional Groundwater Basin in Malaysia



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Malaysia has 200 rivers system with 150 systems in Peninsular and a further 50 systems in Sarawak and Sabah. Practically for the time being these rivers catchment also define as groundwater basin or catchment. As part of integrated river basin management, groundwater potential has been evaluate systematically by Mineral and Geoscience Department under National Groundwater Reserve Study and also in collaboration with The Department of Irrigation and Drainage Malaysia to study the groundwater regime and its reserve under National

Water Balance Study. Both of these studies are carried out under Eleventh Malaysian Development Project, 2016-2020

For the beginning, a total of ten river basins out of 200 are currently under systematic study to attain the accurate invisible groundwater reserve beneath the surface which previously was done haphazardly. When completed, the study finding will help us to utilise, protect and manage our groundwater resource in sustainable manners.