
**Geological considerations of an environmental impact
assessment (EIA) — the case of Sungai Buloh Forest
Reserve, Selangor Darul Ehsan**

MOHAMAD ALI HASAN
Department of Geology
University of Malaya, 59100 Kuala Lumpur

A preliminary Environmental Impact Assessment (EIA) together with a supplementary report for the development of 3,900 acres of Forest Reserve at Sungai Buloh into a modern self-contained development area comprising residential, commercial, institutional and industrial zones (hereafter referred as "SBFRD") have been prepared and forwarded by PKNS for public and expert reviewing. The writer, appointed by the Department of Environment, had the opportunity to comment and put forward suggestions before it was approved or otherwise by the Department of Environment, Ministry of Science, Technology and Environment, Malaysia.

In this brief presentation, the author will highlight the various geological inputs pertaining to the EIA, according to the following themes:

- i) EIA and its role in the development projects
- ii) Some pertinent environmental inputs of the Sungai Buloh Forest Reserve, Selangor Darul Ehsan - mechanisms, comments and environmental considerations
- iii) Geological considerations of an EIA of the proposed SBFRD
- iv) Alternatives and mitigation measures
- v) Conclusion and suggestions

It is anticipated that more geological inputs will be taken into consideration in any development (EIA) projects and in this context the Sg. Buloh case study is thought to be able to make some meaningful contributions.