

**Chris M.L. Bowler :** Mineral development and the environment –  
A geologist's dilemma?

### Laporan (Report)

Dr. Chris M.L. Bowler (Principal Lecturer in Economic and Environment Geology, University of Plymouth, United Kingdom) presented the above talk on 11th September 1992 at the Department of Geology, University of Malaya. What follows is an abstract of the talk prepared by the speaker.

#### Abstrak (Abstract)

Mining in many parts of the world has often turned out to be basically exploitive not only of the mineral (the aim) but also of the people involved and of the natural environment. With dramatic rises in demand and in population we become increasingly aware that the impacts of mining can have a lasting detrimental effect on the environmental systems and land use capability – this includes vegetation removal, soil removal, rock excavation, dewatering, coarse and fine waste, noise due to blasting, transport, buildings or plants and Society. Examples will be considered from the UK, Ireland, Canada and Central Africa and the question asked how these compare to the situation in Malaysia? Do Geologist have a dual responsibility and even experience something like a dilemma, as naturalist and also as exploiter? If so, how should this be resolved.

