

## Environmental impacts assessment on construction sites

### Abstract

Since construction is considered as one of the main sources of environmental pollution in the world, the level of knowledge and awareness of project participants, especially project managers, with regards to environmental impacts of construction processes needs to be enhanced. This paper aims to assess the most common environmental impacts due to the construction process in Malaysia. To achieve this aim, a structured interview was conducted with an expert panel group in Malaysia. Experts were invited to identify the frequency and severity of environmental impacts caused by construction processes in residential buildings. It was found that 'Transportation Resource', 'Noise Pollution', and 'Dust Generation with Construction Machinery' are the greatest environmental impacts in Malaysia respectively. The results of this study are useful for construction managers and other participants in construction sites to become aware of construction processes impacts on the environment.