

Environmental problems in piling works

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This paper briefly discusses the Environmental Impact Assessments and the related problems in various commonly adopted piling systems in Malaysia. In addition to technical and economical factors, environmental factors affecting in pile selection are discussed. Extent of ground vibration, ground heave and emission of smoke and noise in driven piling systems are assessed. Pile selection chart with particular emphasis on environmental considerations to determine the most suitable piling system in the light of various typical pile design considerations are presented with several case histories.
