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Accident Analysis and Investigation: the role of road safety engineering

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Abstract:	This paper was presented at a VicRoads Workshop for road safety engineers, held in Geelong on 2-5 June, 1996. It presents an overview of accident analysis and investigation, with particular emphasis on the role which the road safety engineer plays in road safety. The paper briefly reviews the road safety situation, highlighting different ways of viewing it, and then discusses generic approaches to road safety. The contribution of road safety engineering is discussed in terms of the road traffic system, hazardous road locations, identification of hazardous sites, diagnosis of accident problems, the development of countermeasures, and orad safety audit. Brief mention is made of the appraisal of road safety programs, and monitoring and evaluation
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economic issues, property damage, road safety strategies, exposure control, behaviour modification, injury control, human