A Method of Determining Priorities for Investment in Disaster Prevention for Rockfalls from Slopes

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Rockfalls from slopes sometimes occur over railway lines. It is therefore essential to minimize the rockfall disasters over the railway lines and to maintain safe and punctual train operation. It is also necessary to evaluate a disaster risk of rockfall from a slope considering the probability and expenditures required for the rockfall. We developed a method to evaluate a disaster risk of rockfall using risk assessment method. In this paper, we describe a method to determine priorities for investment to prevent the rockfall applying the developed method.