

Prediction of slope failures — methods currently used and their application

MASAKAZU TAKAHASHI

International Consulting Department
OYO Corporation

Prediction of slope failure, namely its location, time and scale, is a formidable task for geologists and geotechnical engineers. This paper presents some of the prediction methods currently used in practice; the rating system of slopes (location), empirical relationships between time to failure and rate of slope movement (time) and correlations of configuration of slide mass (scale). An application of the rating system for geohazard mapping is also given.

