

Indices of Construction Management for Embankment Using Collapsed Soil

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Recently, some embankments often collapse due to heavy rain. In those cases, it is difficult to compact them again, because the collapsed soil contains a large amount of water. In addition, since existing aged embankments often consist of materials that don't obey the current regulations, purchased soil is used for restoration. Therefore, the traditional restoration method produces problems in terms of construction period and cost. In this paper, for the purpose of shortening the restoration period and reducing the restoration cost, we propose new indices of construction management and a new management method for utilizing collapsed soil according to the characteristics of the soil material.