

عنوان مقاله:

Segregation of Transition Materials: a Possible Cause of Internal Erosion in Embankment Dams

محل انتشار:

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خلاصه مقاله:

The consequences of segregation in the filters and transitions of embankment dams are highlighted. Available rules for the delineation of soils prone to segregation are cited. An uncomplicated preliminary segregation test is devised to assess the amount of segregation induced by dumping processes. Conventional filtration tests manifest the significant alteration of the retention ability in the event of segregation. Practical precautions are recommended for the placement and spreading of filters and transitions in embankment dams.

کلمات کلیدی:

Internal Erosion, Segregation, Segregation Criteria, Conventional Filter Testing

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