

## **Method for Determining Resumption of Train Service on Railway Embankment Damaged by Rainfall**

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Since the stability of railway embankments damaged by rainfall is not easily assessed, the need for temporary restoration is often determined by the inspector's experience, or the damaged embankment is simply restored to its original shape. As a result, there are cases where temporary restoration is carried out with excessive specifications for embankments that meet the performance requirements for train operation. This study proposes a method to evaluate the performance of damaged embankments or temporary restoration embankments in terms of stability and settlement during train operation, and to quickly determine the resumption of train operation on the damaged embankment.