Indoor Erosion Simulation Dataset

Dataset available at: https://doi.org/10.7910/DVN/JJKSNJ

(This dataset supports report **Post-Wildfire Stability and Improvement of Hillslopes Near Pacific Northwest Transportation Infrastructure to Increase Mobility**)

This U.S. Department of Transportation-funded dataset is preserved by the Pacific Northwest Transportation Consortium (PacTrans) is the Regional University Transportation Center (UTC) for Federal Region 10 in the digital repository Harvard Dataverse (https://dataverse.harvard.edu), and is available at https://doi.org/10.7910/DVN/JJKSNJ

The related final report **Post-Wildfire Stability and Improvement of Hillslopes Near Pacific Northwest Transportation Infrastructure to Increase Mobility**, is available from the National Transportation Library's Digital Repository at https://rosap.ntl.bts.gov/view/dot/60316.

Metadata from the Harvard Dataverse Repository record:
Dataset Persistent ID: doi:10.7910/DVN/JJKSNJ
Publication Date: 2021-10-27
Title: Indoor Erosion Simulation
Author: Akin, Idil (Washington State University) - ORCID: 0000-0002-1946-4951
Description: Results of indoor rainfall simulation tests on untreated and xanthan gum treated compacted soil collected after 2018 Mesa Wildfire. The experiments were run at USDA Forest Service Rocky Mountain Research Station Rain Lab. (2019-12-31)
Subject: Earth and Environmental Sciences; Engineering; Agricultural Sciences
Keyword: erosion, runoff, wildfires
Related Publication: kin, Idil Deniz, Sophia S. Garnica, Peter R. Robichaud, and Robert E. Brown. "Surficial Stabilization of Wildfire-Burnt Hillslopes Using Xanthan Gum and Polyacrylamide." Geotechnical and Geological Engineering (2021): 1-14.
Notes: http://hdl.handle.net/1773/47852
Depositor: Yarbrough, Christina
Deposit Date: 2021-10-18

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Akin, Idil, 2021, "Indoor Erosion Simulation", https://doi.org/10.7910/DVN/JJKSNJ, Harvard Dataverse, V1

Dataset description:
This dataset contains 1 .xlsx file, described below.

Erosion Data.xlsx
The .xlsx and .xls file types are Microsoft Excel files, which can be opened with Excel, and other free available software, such as OpenRefine.

National Transportation Library (NTL) Curation Note:
As this dataset is preserved in a repository outside U.S. DOT control, as allowed by the U.S. DOT's Public Access Plan (https://doi.org/10.21949/1503647) Section 7.4.2 Data, the NTL staff has performed ***NO*** additional curation actions on this dataset. NTL staff last accessed this dataset at https://doi.org/10.7910/DVN/JJKSNJ on 2022-04-21 If, in the future, you have trouble accessing this dataset at the host repository, please email NTLDataCurator@dot.gov describing your problem. NTL staff will do its best to assist you at that time.