



Supplement of

Controls on earthflow formation in the Teanaway River basin, central Washington State, USA

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Figure S2. Workflow to produce MADstd.

Figure S3. Example rasters produced in workflow shown in S1.

Figure S1.

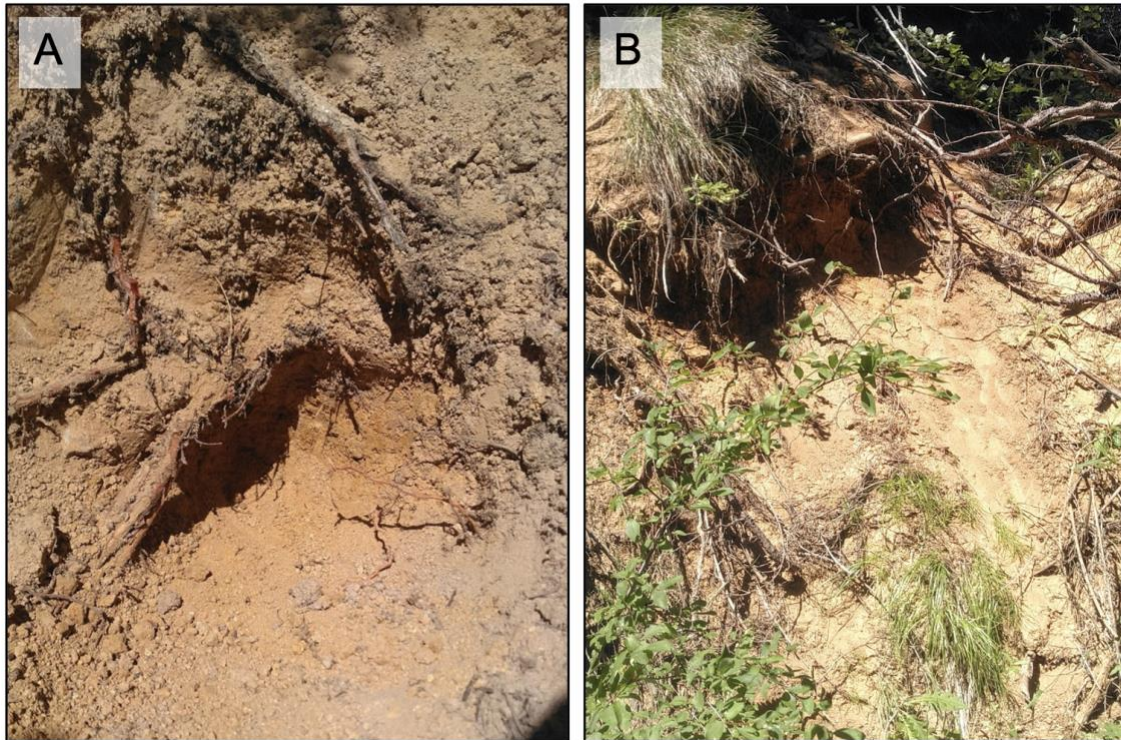


Figure S1. Typical radiocarbon collection sites showcasing the fine nature of earthflow toes. A) shows sample 8-3-20-2. Hole was dug 15cm into the soil in an exposure under a tree well on top of the earthflow. B) Sample site 8-3-20-2 from a stream cut in the toe of an earthflow. Sample was taken 5cm into the soil.

Figure S2.

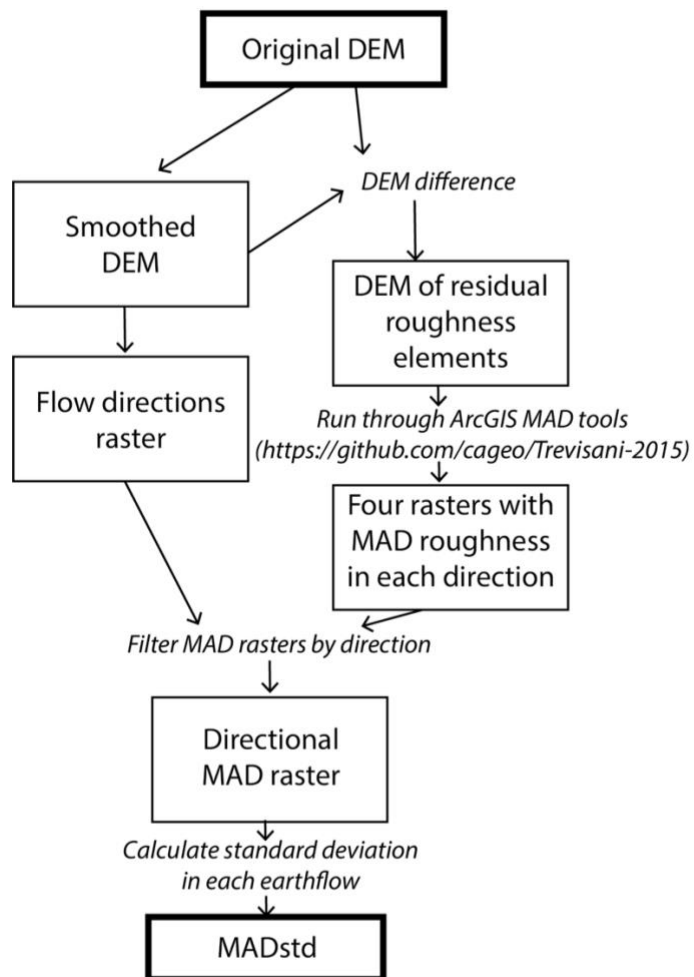


Figure S2. Workflow for the MADstd process. All steps are done in ArcGIS using standard raster analysis tools in Spatial and 3D Analysis toolboxes, plus toolboxes provided by Trevisani and Rocca (2015).

Figure S3.

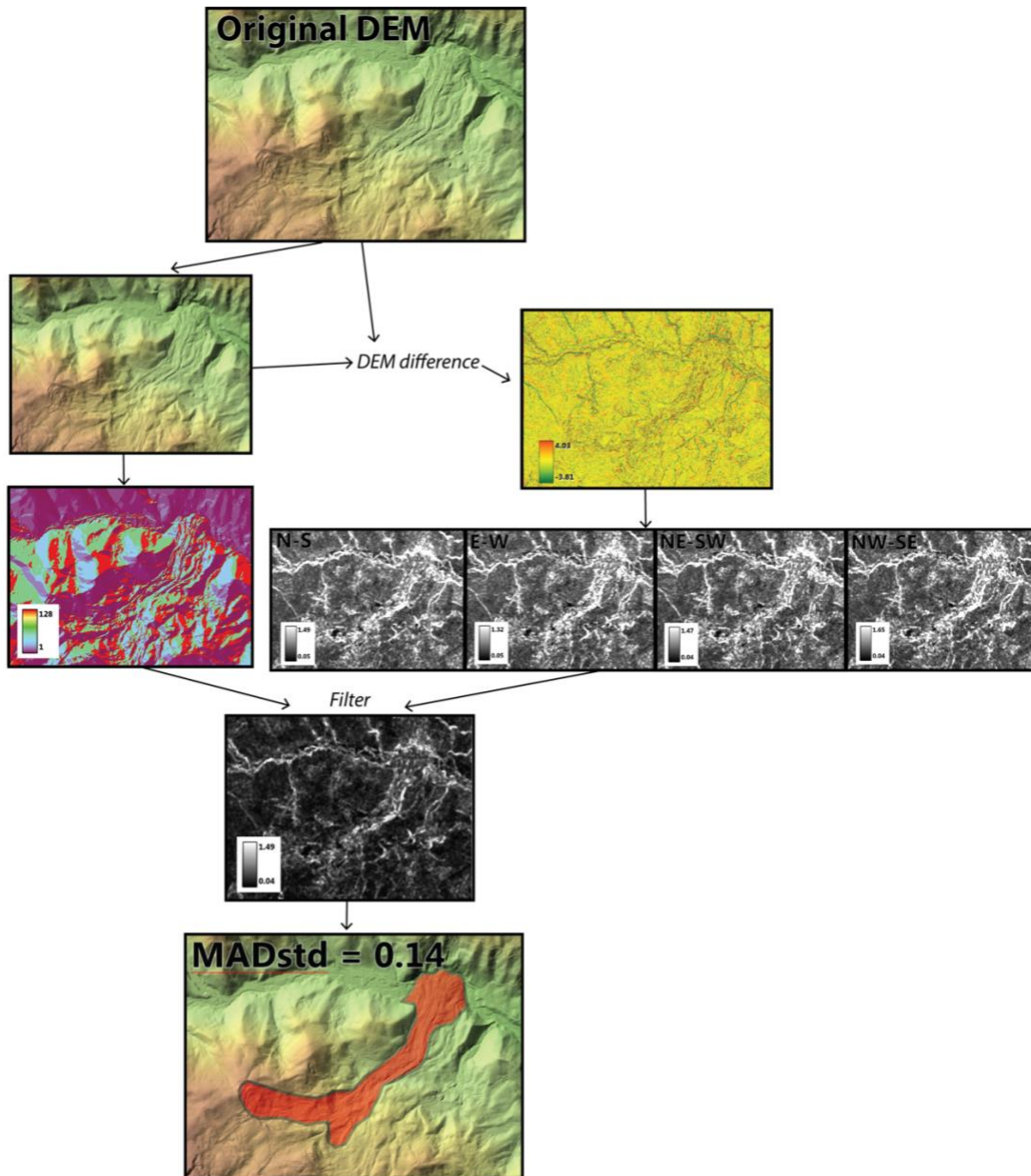


Figure S3. Workflow for the MADstd process showing the rasters produced at each step. Examples are for Jungle Creek landslide, where the diffusion modeling was done. All steps are done in ArcGIS using standard raster analysis tools in Spatial and 3D Analysis toolboxes, plus toolboxes provided by Trevisani and Rocca (2015).