

Towards multi-model soil erosion modelling: An evaluation of the erosion potential method (EPM) for global soil erosion assessments

(Data Documentation - Metadata)

1. Description

Global gross soil erosion rates according to the Erosion Potential Model (EPM) and its modified version (mEPM) and the estimated Z factor according to the Copernicus Land Cover data source classification.

2. Geotiffs

EPM-Figure3a.tif

Dataset: Global gross soil erosion rates according to the EPM

Extent: -180.00,-90.00 : 179.99,89.99

Coordinate Reference System (CRS): EPSG:4326 - WGS 84

Coordinates Units: Geographic (uses latitude and longitude for coordinates)

Data type: Byte

Pixel Size: 0.0083

Pixel values classification:

- 1: 0-1 t/ha/yr
- 2: 1-3 t/ha/yr
- 3: 3-5 t/ha/yr
- 4: 5-10 t/ha/yr
- 5: 10-20 t/ha/yr
- 6: >20 t/ha/yr

mEPM-Figure3b.tif

Dataset: Global gross soil erosion rates according to the mEPM

Extent: -180.00,-90.00 : 179.99,89.99

Coordinate Reference System (CRS): EPSG:4326 - WGS 84

Coordinates Units: Geographic (uses latitude and longitude for coordinates)

Data type: Byte

Pixel Size: 0.0083

Pixel values classification:

- 1: 0-1 t/ha/yr
- 2: 1-3 t/ha/yr
- 3: 3-5 t/ha/yr
- 4: 5-10 t/ha/yr
- 5: 10-20 t/ha/yr
- 6: >20 t/ha/yr

Zfactor (Figure S1).tif

Dataset: Estimated Z factor according to the Copernicus Land Cover data source classification.

Extent: -180.00,-90.00 : 179.99,89.99

Coordinate Reference System (CRS): EPSG:4326 - WGS 84

Coordinates Units: Geographic (uses latitude and longitude for coordinates)

Data type: Float32

Pixel Size: 0.0083

3. Cite

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