

Temporary Dataset Download: European Landslide Susceptibility Map version 2 (ELSUS v2)

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-- Other	
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Purpose	We are developing a resilience-assessment product for critical infrastructure sites across Europe (energy substations, data centres, water treatment, ports and rail terminals). The ELSUS v2 landslide susceptibility map would be used as one territorial input among several (seismic hazard, flood depth, wildfire danger, ground motion) to characterise the conditions each site's terrain imposes, at the resolution of a 0.1-degree grid. Values would be sampled at grid-cell centroids and site locations and combined with engineering thresholds to classify how far each location sits from the operational limits of the infrastructure type. The data would be used internally to compute those classifications; what reaches clients are derived results (per-site classes and summary statistics), never the dataset or any extract of it. ELSUS v2 would be cited as the source in every output (Wilde et al., ESDAC/JRC), and the dataset itself would not be redistributed or passed to third parties.
Notes	

Notifications:

1. The data provided have been produced for research purposes jointly by Bundesanstalt für Geowissenschaften und Rohstoffe (BGR, Hannover), Istituto di Ricerca per la Protezione Idrogeologica (CNR-IRPI, Perugia), Institut de Physique du Globe de Strasbourg (CNRS-EOST, Strasbourg), and Joint Research Centre (JRC, Ispra). The data produced are made available for research and development purposes.
2. None of these organizations, including the authors, accept any liability whatsoever for any error, missing data or omission in the data, or for any loss or damage arising from its use. The JRC agrees to provide the data free of charge but is not bound to justify the content and values contained in the databases.
3. The permission to use the data specified above is granted on condition that, under NO CIRCUMSTANCES are these data passed to third parties. They can be used for any purpose, including commercial gain..
4. The user agrees to:
 - a) Make proper reference to the source of the data when disseminating the results to which this agreement relates.
 - b) Participate in the verification of the data (e.g. by noting and reporting any errors or omissions discovered to the JRC).

References:

Wilde, M., Günther, A., Reichenbach, P., Malet, J.-P., Hervás, J., 2018. [Pan-European landslide](#)

[susceptibility mapping: ELSUS Version 2](#). *Journal of Maps*, **14(2)**: 97-104 and supplemental map.

Günther, A., Van Den Eeckhaut, M., Malet, J.-P., Reichenbach, P., Hervás, J., 2014. [Climate-physiographically differentiated Pan-European landslide susceptibility assessment using spatial multi-criteria evaluation and transnational landslide information](#). *Geomorphology*, **224**: 69-85

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