Indicator metadata: Landslide susceptibility

The landslide hazard indicator shows the mean landslide susceptibility at NUTS3. The indicator is based on the data of the JRC European Landslide Susceptibility Map, version 2 (ELSUS v2) (Wilde et al. 2018; Günther et al. 2014). The data are provided by JRC European Soil Data Centre (ESDAC). The ELSUS v2 map includes topographic information (elevation, slope angle), shallow sub-surface lithology, land cover, and more than 149.000 landslide events. The data provides no information on the actual frequency, timing or magnitude of landslide events (Wlide et al. 2018). In addition, the reliability of the ELSUS v2 map could be evaluated against actual landslide events for only 65% of the mapped area. Especially in relatively flat areas, there was no information about landslide events (Wilde et al. 2018; Günther et al. 2014). ELSUS v2 classifies landslide susceptibility in five classes (1= very low; 2= low; 3= moderate; 4= high; 5= very high) at a resolution of 200 m x 200 m. To present landslide susceptibility at NUTS3 average for each NUTS3 area was calculated.

Theme(s): Environment and Energy - Environment, Climate and Energy

Introduction

Author: ESPON project (https://www.espon.eu/natural-disasters)

Contact(s):
- Tecnalia (Project leader)
- Carolina Cantergiani (Tecnalia) (Responsible party)

Territorial information:

Spatial Extent	Nomenclature		
	name	version	level
EU28+4+CandidateCountries	NUTS	2013	3

Years: 2018

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File

- Data (JSON, browse webservice) (/api/public/indicator-data/2194/)
- Metadata INSPIRE (XML) (/indicator/2194/metadata-inspire.xml)
- Metadata ESPON (printable) (/indicator/2194/metadata-espon/)
- Indicator package (CSV+XLS) (ZIP 161.8 KB) (/private-media/object/2194/ind_2194_land_haz_csv_du8WLlQ.zip)
- Indicator package (SHAPE) (ZIP 2.3 MB) (/private-media/object/2194/ind_2194_land_haz_shp.zip)
- Project package (all data of the related project) (/private-media/object/2304/project_titan-territorial-impacts-of-natural-disasters_sOgi5Tw.zip)

Right

- Constraints - Access classification: unclassified (default)
- Constraints - Use constraint: copyright (default)

Methodology

No description!

Other attributes

Id: 2194
Status: Key indicator
Name: Landslide susceptibility
Code: Land_haz
Is standard?: True
Is base indicator?: False

Type:	Single
Data type:	Float
Unit of measure - Numerator / Denominator Name:	Mean landslide susceptibility
Unit of measure - Numerator / Denominator Scale:	1
Is a ranking?:	False
Main Theme:	Environment and Energy - Environment, Climate and Energy
Nature type:	Other
Labels:	None