JRC Dataset

UI - Urban Flood Risk (LUISA Platform REF2014)

Description:
A composite indicator reflecting the relative flood risk within urban areas by taking into account the natural exposure (predicted flooded area and mean depth), and the sensitivity of the city to flooding (population and infrastructure affected).

Contributors:
- Vandecasteele, Ine ine.vandecasteele@ec.europa.eu
- Lavalle, Carlo carlo.lavalle@ec.europa.eu

How to cite:

Keywords:
EU Reference Scenario 2014, FUA, LUISA, Urban indicator, composite indicator, flood exposure, flood sensitivity, urban flood risk, urbanization

Related resources:
Data access
UI - Urban flood risk (FUA)
The compressed zip file contains the projected urban flood risk, for Functional Urban Areas (FUAs), from 2010 to 2050. The data is stored in csv format.

Publications
European cities: territorial analysis of characteristics and trends - An application of the LUISA Modelling Platform (EU Reference Scenario 2013 - Updated Configuration 2014)
DOI:10.2788/737963

Additional information:
Last Modified: 2015-12-15
Issue date: 2015-12-15
Geographic area: European Union
Temporal coverage: From: 2010-01-01 – To: 2050-12-31
Update frequency: None
Language: English
Data theme(s): Environment; Science and technology
EuroVoc domain(s): 36 SCIENCE; 52 ENVIRONMENT
Geographic information:
Geographic bounding box: 73.04° N, 38.04° E, 32.97° S, -12.34° W