JRC Dataset

UI - Atmospheric emissions of SO2 (LUISA Platform REF2014)

Description:
The indicator shows the spatial distribution of SO2 (Sulphur dioxide) emissions over Europe. The total emissions for each country are derived from the GAINS model. This is the first version of the dataset (1.0) and it has not been extensively validated yet.

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EU Reference scenario 2014, FUA, GAINS, NUTS, NUTS0, NUTS2, RIAT+, SHERPA, SO2, Urban indicator, air pollution, air quality, sulphur dioxide

Related resources:
Data access
UI - Atmospheric emissions of SO2 (Europe)
The compressed zip file contains the projected SO2 emissions, expressed in quintal/year (1 quintal = 100Kg), at 2 different levels of aggregation: NUTS and FUA from 2010 to 2030 in Europe. The link points to a tree-folder structure where data are stored in csv format.

UI - Atmospheric emission of SO2 (Danube)
The compressed zip file contains the projected NOx emission maps at NUTS0 and NUTS2 for the Danube regions from 2010 to 2030. The link points to a tree-folder structure where data are stored in csv format.

Publications
Methods for Regional Integrated Assessment: High resolution gridded emission distribution in the LUISA Platform
DOI:10.2788/46604

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

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