- Cadastral Issues

- # CLR + EULIS meeting 11-12 November

  - ## RRR. Public restrictions

- # PCC 12-13 Novembre

  - ## Digital agenda and cadastre

Augmented reality view of right and restriction boundaries in 3D

European Union Open Data Portal

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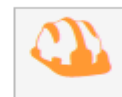
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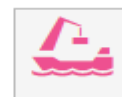
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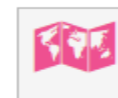
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environmental statistics

Elevation map of Europe 🟧

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Publisher

European Environment Agency »

Description

The map is made using the global digital elevation model (DEM) derived from GTOPO30. Note that the values in the file are not the original elevation data. The data has been processed to create an image for presentation purposes streching a predefined colour template over the derived values.

Resources

⬇ DOWNLOAD	Hillshade 1 km x 1 km
⬇ DOWNLOAD	Coordinate reference system OCTET STREAM
⬇ DOWNLOAD	1 km x 1 km

URI
http://www.eea.europa.eu/data-and-maps/data/digital-elevation-model-of-europe

Identifier
digital-elevation-model-of-europe

Release Date
2004-01-14

Modified Date
2011-08-02

Geographical Coverage
Germany, Romania, Albania, France, Greece, Belgium, Bosnia and Herzegovina, Luxembourg, Liechtenstein, Belarus, Slovenia, Latvia, Russia, Estonia, Denmark, Turkey, Armenia, Finland, Slovakia, Netherlands, Switzerland, Ireland, United Kingdom, Bulgaria, Czech Republic, Croatia, Austria, Iceland, Ukraine, Sweden, Montenegro, Moldova, Hungary, Poland, Georgia, Cyprus, Italy, Spain, Portugal, Lithuania, Norway, Malta, Serbia

Licence:

Keywords

EEA owned data sets
elevation
geospatial data
raster data

Catalogue record

Added to open-data.europa.eu
2012-12-12
Updated on open-data.europa.eu
2015-07-27

Views: 9868

Suggest a dataset

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European Union Open Data Portal

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cadastre 🔍

Show results with: ● all of these words | ○ any of these words | ○ the exact phrase ?

Sort by: Relevance ▼   **0** datasets found 📶

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About Linked Data

Share

Linked Data is a standard way to represent data on a wide range of topics. Publishing Linked Data makes it easier for developers to connect information from different sources, resulting in new and innovative applications. For example an application could combine data on dominant business sectors, environmental emissions and educational establishments to help you and your family choose a place to live.

To support this standard, the Open Data Portal makes the catalogue metadata available as Linked Data. We have also published many datasets as Linked Data, and will continue to increase the amount of Linked Data available via the portal.

SPARQL

You can search for the metadata stored in the EU Open Data Portal triple store by using the SPARQL endpoint query editor below.

Namespaces

```
PREFIX dcat: <http://www.w3.org/ns/dcat#>
PREFIX odp:  <http://open-data.europa.eu/ontologies/ec-odp#>
PREFIX dc: <http://purl.org/dc/terms/>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
PREFIX foaf: <http://xmlns.com/foaf/0.1/>
```

SPARQL Query

```
select distinct ?g ?o where { graph ?g {?s dc:title ?o. filter regex
(?o, 'Statistics', 'i') } } LIMIT 10
```

Format

HTML

Limit results

10

Run Query   **Get query URL**

Metadata vocabulary

We have created a vocabulary for the metadata using the Data Catalogue (DCAT and DCT vocabulary). The vocabulary is provided as worksheet specification and as an ontology. It has been aligned in general terms to be compatible with the Asset Description Metadata Schema ADMS.

Sample queries

For EU Open Data Portal metadata catalogue

Retrieve dataset with specific title (eg. 'Gas prices for household consumers')

Retrieve number of datasets per publisher

Retrieve all publishers

Retrieve all datasets that have been modified after a certain date

Retrieve all the resources from a dataset with a title that contains specific words (eg. 'Gas prices for household consumers')

For datasets

JRC-Names: Person and organisation spelling variants

Given a person's name, retrieve all of its name variants

Given a person's name, retrieve all of its name variants in a language

Given a person's name, retrieve all of its titles/function names in a language

Given a variant and a language, retrieve the corresponding entity

Given a title and a language, retrieve all of the persons with this title

Further reading

Introducing Linked Data and the Semantic Web A step-by-step introduction

Linked Open Data – The essentials

what do USERS want from ELF Cadastre?

Single access

Understand it

what do USERS want from ELF Cadastre?

Single access

WMS + getfeatureinfo

In the ELF context, cadastral parcels will be mainly used as locators for information

Understand it

National specifics?
Semantics?

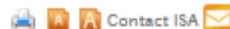metadata

something more to understand it?

ISA
Interoperability Solutions for European Public Administrations

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Improving semantic interoperability in European eGovernment systems

Promoting semantic interoperability amongst the European Union Member States

When is this action of interest to you?

You work in the area of government metadata management and want to check upon and possibly reuse semantic assets (metadata and/or reference data), understand semantic interoperability requirements, approaches, tools, lessons learnt and case studies. You want to share your own semantic assets.

Which solutions can ISA offer to you?

The ISA programme has developed a number of semantic specifications and solutions which are available to Public administrations in Europe free of charge.

I. Core vocabularies 📄 (694 kB)

These are simplified, re-usable, and extensible data models that capture the fundamental characteristics of an entity in a context-neutral fashion. Public administrations can use and extend the Core Vocabularies in the following contexts:

- **Information exchange between systems**: the Core Vocabularies can become the basis of a context-specific data model used to exchange data among existing information systems.

- **Data integration**: the Core Vocabularies can be used to integrate data that comes from disparate data sources and create a data mesh-up.

- **Open data publishing**: the Core Vocabularies can be used as the foundation of a common export format for data in base registries like cadastres, business registers and service portals.

- **Development of new systems**: the Core Vocabularies can be used as a default starting point

Project core data

Project start/finish:
Q3/2010 to Q4/2015

Parties involved: European Commission (DG Informatics; DG Maritime Affairs and Fisheries; DG Competition; DG Communication) and EU Publications Office

ISA contribution: EUR 5 350 000

Events

- ⊛ SEMIC 2015 Conference

- ⊛ SEMIC 2015 Highlights Report 📄 (4 MB)

- ⊛ SEMIC 2014 Conference

- ⊛ SEMIC 2014 Highlights Report 📄 (974 kB)

- ⊛ SEMIC 2013 Highlights Report 📄 (2 MB)

- ⊛ CESAR Workshop 2013 - Highlights Report 📄 (2 MB)

- ⊛ SEMIC 2012 Highlights Report 📄 (2 MB)

- ⊛ CESAR Workshop 2012 – Results of Feedback Survey 📄 (2 MB)

The following four **Core Vocabularies** have been developed under ISA so far:

- Core Person: captures the fundamental characteristics of a person, e.g. the name, the gender, the date of birth, the location.

- Registered organisation: captures the fundamental characteristics of a legal entity (e.g. its identifier, activities) which is created through a formal registration process, typically in a national or regional register.

- Core Location: captures the fundamental characteristics of a location, represented as an address, a geographic name or geometry.

- Core Public service: captures the fundamental characteristics of a service offered by public administration.

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SEMIC - Semantic Interoperability Community

SEMIC SEMANTIC INTEROPERABILITY COMMUNITY

👤 Join this community

(83 ★★★☆☆) 3.19/5 | 151 votes

f 🐦 g+ in ⤴

♀ Editor's choice

| Overview | Core Vocabularies | ADMS | DCAT-AP | CoP on data standards | LOGD | SEMIC conference | Members list | Related | Communicati... | About |

Submitted by Semic .eu on June 01, 2011

⊕ Add...   ⊙ Actions

Description

About SEMIC

The **Semantic Interoperability Community (SEMIC)** is a European Commission initiative aiming to improve the semantic interoperability of interconnected e-Government systems. It is funded under Action 1.1 (*Improving semantic interoperability in European e-Government systems*) of the Interoperability Solutions for European Public Administrations (ISA) Programme.

Semantic interoperability refers to the preservation of meaning in the exchange of electronic information (see also European Interoperability Framework). It means that, in the context of an information exchange, the receiver and the sender of information can understand and interpret it the same way. The lack of semantic interoperability between European e-Government systems is one of the major obstacles in the provision of cross-border and cross-sector digital public services.

Dr. Vassilios Peristeras, Programme officer of ISA Action 1.1 explains the action's vision for semantic interoperability, which boils down to the establishment of common agreements on the meaning of different entities, e.g. basic data about persons, businesses or addresses, exchanged in the context of cross-border and/or cross-sector information exchanges.

Related Content

16 January 2014 | Greece
SEMIC 2014 - Semantic Interoperability Conference

10 April 2013 | Ireland
SEMIC 2013 - Semantic Interoperability Conference 2013

21 November 2014 | Europe
SEMIC 2015 - Semantic Interoperability Conference

18 June 2012 | Belgium
SEMIC 2012 - Semantic Interoperability Conference 2012

09 March 2012 | Europe
CESAR Workshop 2012.03.07

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Search results for "cadastre"

The advanced search helps you navigate through content available on Joinup by (de)selecting the search filters on the left-hand side.

| cadastre | 🔍 |

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D2.8.I.6 INSPIRE Data Specification on Cadastral Parcels – Guidelines

★★★★★

The INSPIRE Directive focuses on the geographical part of cadastral data. In the INSPIRE context, cadastral parcels will be mainly used as locators for geo-information in general, including environmen ...

⬇ **Download**

Interoperability Solution | Created by Semic .eu | Created: 15 July 2014 | Updated: 01 October 2014

Luxembourg's cadastre administration prefers to use open source

★★★⯪☆

The **cadastre** administration in Luxembourg uses open source software solutions where ...

News | Created by Gijs Hillenius | Published: 17 August 2012

INSPIRE Data Specification on Cadastral Parcels - Guidelines v3.0.1

★★★★★

This document describes the INSPIRE Data Specifications for the spatial data theme Cadastral Parcels ...

1 downloads

⬇ **Download**

Interoperability Solution | Created by Inspire Team | Created: 03 May 2010 | Updated: 19 May 2014

Mining Cadastre of Spain

☆☆☆☆☆

The INSPIREÂ Directive lays down general rules for the establishment of an infrastructure for spatial information in Europe based on infrastructures for spatial information established and operated by ...

Case | Created by Pablo Burgos Casado | Created: 24 September 2010 | Updated: 28 September 2010

Cadastral data available online

☆☆☆☆☆

data online" is an initiative of the Real Estate **Cadastre** Agency (previously State authority for geodetic works) of FYR of ...

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ELF   🔍

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Oskari   ☆☆☆☆☆

OSKARI   The mission of Oskari is to offer easy-to-use, browser-based tools to access and re-use spatial information from various data sources, including the INSPIRE SDI and other SDIs. One of the mai ...

🔧 Project | Created by Jani Kylmäaho | Created: 21 May 2015 | Updated: 21 May 2015

Open source helps Nordic land surveys work together   ★★★★★

The use of open source software solutions has made it easier for land survey organisations in Denmark, Finland, Iceland, Norway and Sweden to work together, according to Jani Kylmäaho and Jari Re ...

📰 News | Created by Gijs Hillenius | Published: 04 July 2014

EUROSDR Workshop "Data Modeling and Model Driven Implementation of Data Distribution" - 28-30 January 2015, Copenhagen   ☆☆☆☆☆

Background Scope of the workshop Potential topics for the workshop Registration Background National Mapping and Cadastral Agencies and other spatial data infrastructu ...

📅 Event | Created by Stefanos Kotoglou | Event date: 28 January 2015

European Union Location Framework   ★★★★★

eulf   This open community aims to exchange information and views on the European Union Location Framework project, an Action under the EC programme "Interoperability Solutions for Public Administrations ...   👥 Join

👥 Community | Created by Maria Teresa Borzacchiello | Created: 19 September 2013 | Updated: 23 September 2015