

BeGeo

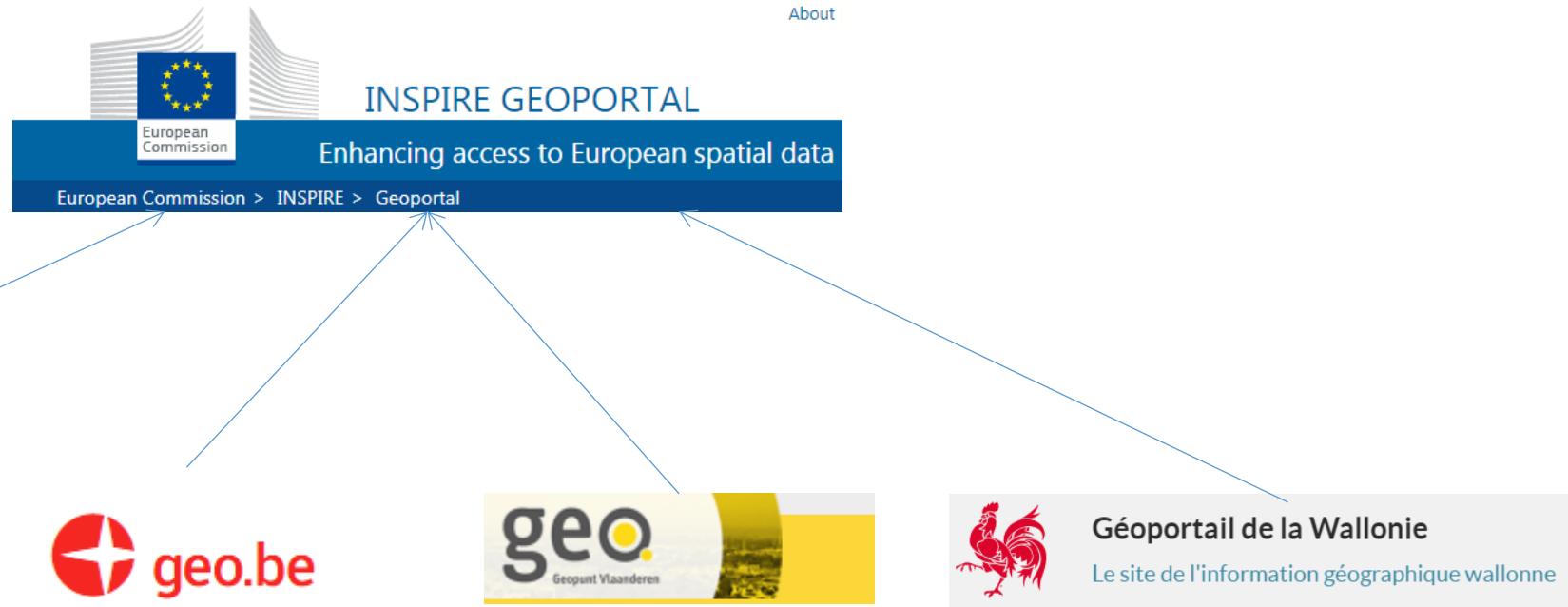
27-10-2020

www.begeo2020.be

Finding INSPIRE data in Belgium

O. Kissiyar, INSPIRE National Contact Point

INSPIRE data



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European Geoportal : <https://inspire-geoportal.ec.europa.eu/>

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INSPIRE GEOPORTAL
Enhancing access to European spatial data

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Welcome to the INSPIRE Geoportal

The INSPIRE Geoportal is the central European access point to the data provided by EU Member States and several EFTA countries under the INSPIRE Directive. The Geoportal allows:

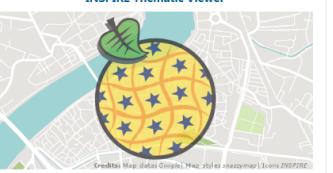
- monitoring the availability of INSPIRE data sets;
- discovering suitable data sets based on their descriptions (metadata);
- accessing the selected data sets through their view or download services.

The metadata used in the Geoportal are regularly harvested from the discovery services of EU Member States and EFTA countries. The status of harvesting is available [here](#).

Feedback regarding the functionality as well as data set availability is welcome [here](#).

Priority Data Sets Viewer

The application displays the availability and provides access to the selected priority data sets used for environmental reporting. It allows filtering by environmental domain, environmental legislation and country, as well as individual priority data sets.
[Browse Priority Data Sets](#)

INSPIRE Thematic Viewer

The application displays the availability and provides access to all EU MS data sets falling under the scope of INSPIRE Directive filtered by data themes and countries (i.e. Annex I, II and III).
[Browse INSPIRE Thematic Data Sets](#)

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INSPIRE Data Sets - EU & EFTA Country overview

INSPIRE Geoportal Data Set Statistics

172807	Metadata records
28422	Downloadable Data Sets
32356	Viewable Data Sets

Spatial scope coverage: National Regional Other

Select a COUNTRY

Country	Count	Downloads	Metadata	Viewable
Austria	497	374	398	
Belgium	534	397	429	
Bulgaria	134	23	23	
Croatia	134	10	22	
Cyprus	42	32	34	
Czech Republic	145	54	68	
Denmark	186	76	72	
Estonia	82	25	39	
Finland	459	100	224	
France	43371	2399	3039	
Germany	44952	2209	2867	
Greece	51	58	58	
Iceland	147	7	5	
Ireland	76	3	7	
Italy	22706	694	508	
Lithuania	129	25	32	
Luxembourg	354	254	256	
Malta	157	126	152	
Netherlands	32	120	132	
Poland	251	172	202	
Portugal	651	277	205	
Romania	118	28	32	
Slovakia	270	38	45	
Slovenia	151	12	12	
Spain	229	133	47	
Sweden	251	172	202	
Switzerland	204	21	4	

Select the whole EUROPE [Download stats](#)

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Data sets by Country: Belgium

Title	Search title	Show dataset titles in: original MD language	Properties
G3Dv2_00_DEM, DEM_VLAKO	View Edit Delete	<input checked="" type="checkbox"/>	View Edit Delete
WRB Soil Units 40k Bodemkaart van het Vlaamse Gewest volgens het internationale bodemclassificatiesysteem World Reference Base op schaal 1:40.000	View Edit Delete	<input checked="" type="checkbox"/>	View Edit Delete
Quartair isopachen Tertiairgeologische kartering (1/50.000)	View Edit Delete	<input checked="" type="checkbox"/>	View Edit Delete
Quartair isopachen Quartairgeologische Profieltypekartering (1/50.000)	View Edit Delete	<input checked="" type="checkbox"/>	View Edit Delete
WRB Reference Soil Groups 250k Bodemkaart van het Vlaamse Gewest volgens het internationale bodemclassificatiesysteem World Reference Base op schaal 1:250.000	View Edit Delete	<input checked="" type="checkbox"/>	View Edit Delete
Projectgegevens Quartairgeologische Profieltypekartering (1/50.000)	View Edit Delete	<input checked="" type="checkbox"/>	View Edit Delete
Quartair geologische profieltypekartering (1/200.000)	View Edit Delete	<input checked="" type="checkbox"/>	View Edit Delete
G3Dv2_01_Q, basis niet-tabular Quartair	View Edit Delete	<input checked="" type="checkbox"/>	View Edit Delete
G3Dv2_01_breken in dike niet-tabular Quartair	View Edit Delete	<input checked="" type="checkbox"/>	View Edit Delete
G3Dv2_01_Q, dakte niet-tabular Quartair	View Edit Delete	<input checked="" type="checkbox"/>	View Edit Delete

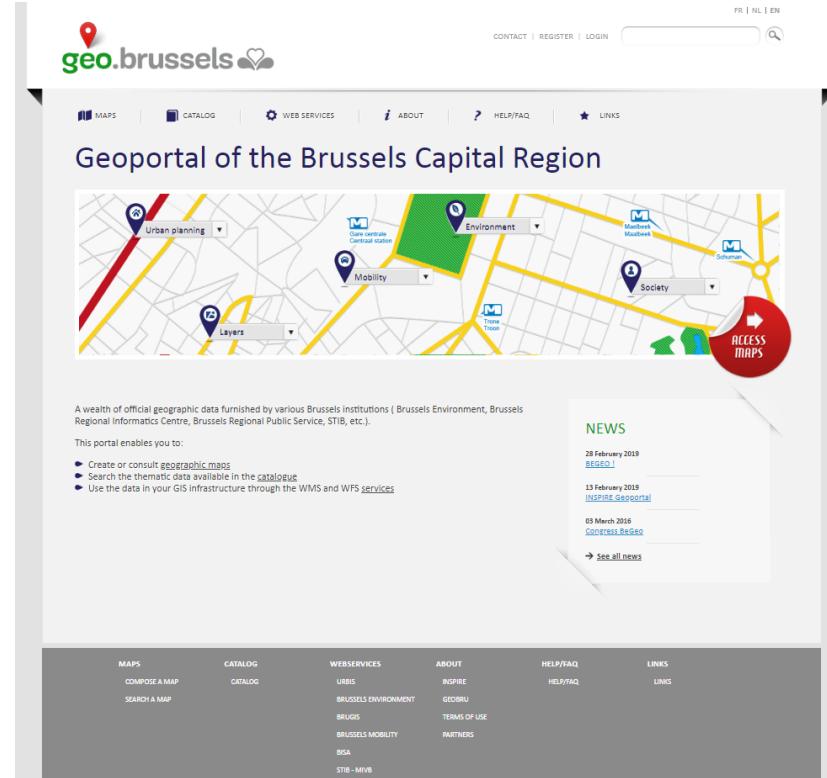
Show 10 entries Showing 1 to 10 of 534 entries Previous [1](#) [2](#) [3](#) [4](#) [5](#) ... [54](#) Next

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Brussels Geoportal :

<https://geobruirisnet.be/>



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<https://geobru.irisnet.be/>

Create a map



Create your own maps by adding layers from the portal or by downloading other data and save them here in order to share or view them later. You need to be registered to save maps on the portal.

CREATE A MAP

Search a map

KEYWORD Example: environment, envi, ... **THEME** **SEARCH**

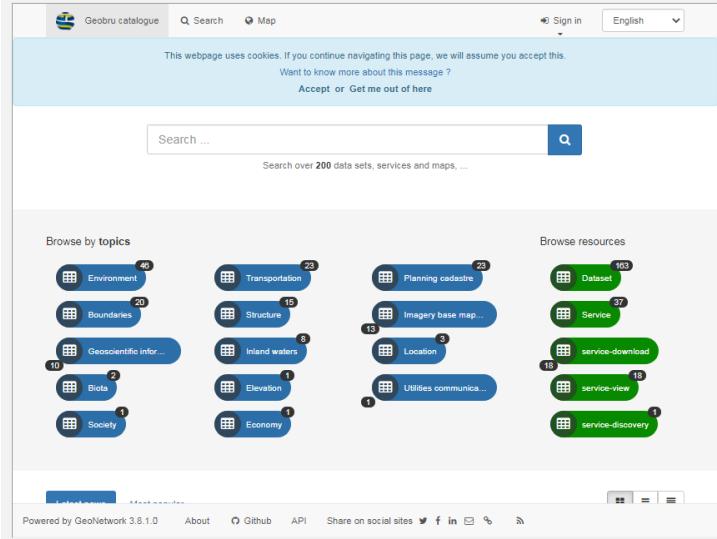
LIST OF AVAILABLE MAPS (*The logo ⓘ means that the map is located on an external site*)

Theme	Subtheme	Title	Description
Environment	Fauna & Flora	Protected natural areas	Areas of the Brussels Region who have a protected status in relation to the conservation of nature and biodiversity: Natura 2000 sites (European network following the "Habitats" directive), natural and forest reserves (after Brussels orders of designation), green areas of high biological value (according to the Regional Land Use Plan).
Environment	Noise	Monitoring stations sound levels	Location of the different monitoring stations sound levels managed by Brussels Environment. Indication of the predominant sound source for each of these stations : air traffic (airport), road traffic (roads) or rail traffic (rail).

Data and services catalogue

The catalogue enables you to:

- Consult the inventory of the available geographic data using various search criteria
- Visualise or download the associated metadata files in various formats (pdf, zip, ...)



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Search ...

Search over 200 data sets, services and maps: ...

Browse by topics

- Environment (46)
- Boundaries (20)
- Geoscientific info... (10)
- Biodiversity (2)
- Society (1)
- Transportation (23)
- Structure (15)
- Inland waters (8)
- Elevation (1)
- Planning cadastre (23)
- Imagery base map... (15)
- Location (3)
- Utilities communica... (1)
- Dataset (163)
- Service (37)
- service-download (15)
- service-view (18)
- service-discovery (1)

Browse resources

Powered by GeoNetwork 3.8.1.0 | About | GitHub | API | Share on social sites | [f](#) [in](#) [g](#) [n](#)

Web Services for advanced users

A range of cartographic web services offered by our partners are available. These services are based on the OGC standards: WMS (Web Map Service) for the data display and WFS (Web Feature Service) for the access to the data.

Geolocation services are also available. These services offer the advantage that external data can be used without having to keep them in your infrastructure. The services are automatically and instantly updated. They can be used by a client GIS or by integrating them into your applications.

UrbsIS Services

The UrbsIS data visualization webervices:
 - WMS : old UrbsIS data model : <http://geoservices-urbsirisnet.be/geoserver/UrbsIS/ows?Service=WMS&Request=GetCapabilities>
 - WMS : new UrbsIS data model : <http://geoservices-urbsirisnet.be/geoserver/UrbsISAdm/ows?Service=WMS&Request=GetCapabilities>

The UrbsIS data download webervices:
 - WFS : old UrbsIS data model : <http://geoservices-urbsirisnet.be/geoserver/UrbsIS/ows?Service=WFS&Request=GetCapabilities>
 - WFS : new UrbsIS data model : <http://geoservices-urbsirisnet.be/geoserver/UrbsISAdm/ows?Service=WFS&Request=GetCapabilities>

The geolocation service is described on the BRIC site, and can be found [here](#)

Brussels Environment Services

As the official producer of environmental data in the Brussels Capital Region, Brussels Environment provides access to its data and the corresponding cartography by means of web services. Among other data, you will find data pertaining to green spaces and biodiversity, the hydrographic network, the environmental monitoring (e.g. measuring station networks), regional initiatives or calls for projects (e.g.: sustainable districts, exemplary buildings).

The view webservice for INSPIRE data :
 - WMS (FR, NL, EN) : https://wms.environnement.brussels/belb_inspire?

The view webservices for non-INSPIRE data :
 - WMS (FR) : https://wms.environnement.brussels/be_wms?
 - WMS (NL) : https://wms.environnement.brussels/bc_wms?

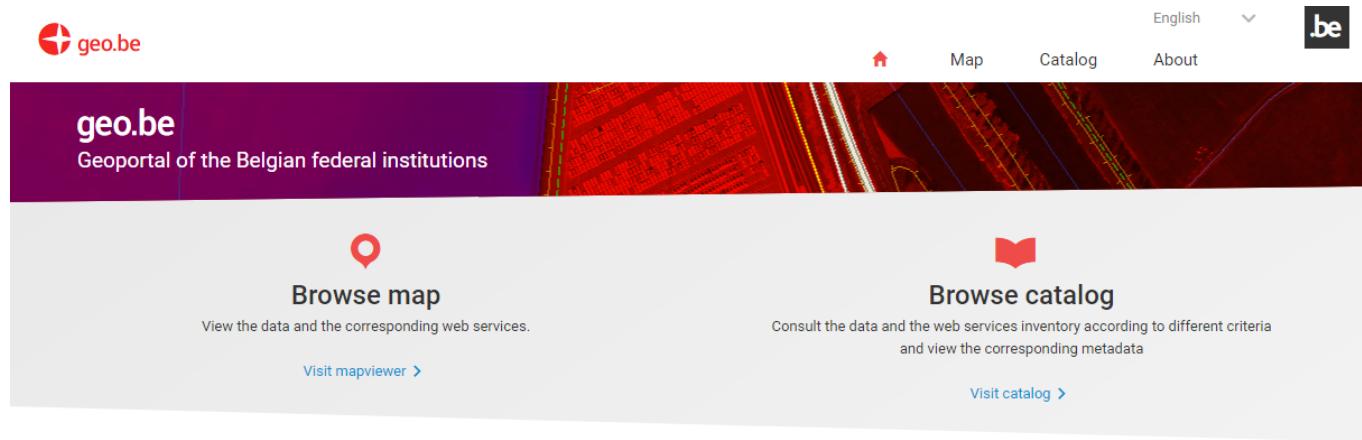
The download webservice for data :
 - WFS : <https://wfs.environnement.brussels/belb?>

The download webservice for INSPIRE data :
 - WFS : https://wfs.environnement.brussels/inspire_belb?

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The screenshot shows the homepage of the Federal Geoportal. On the left, there is a sidebar with a red header containing links for "Switch catalog...", "Viewable datasets", and "Browse by...". Below this, there are sections for "Datasets by Belgian Federal classification" and "Administrative, statistical and cadastral datasets". The main area features a map of Belgium with major cities like Brugge, Gent, Antwerpen, Hasselt, Leuven, Wavre, Liège, Mons, Namur, and Aarlen labeled. At the top right, there are links for "Map", "Catalog", and "About", along with language selection ("English") and a ".be" logo.

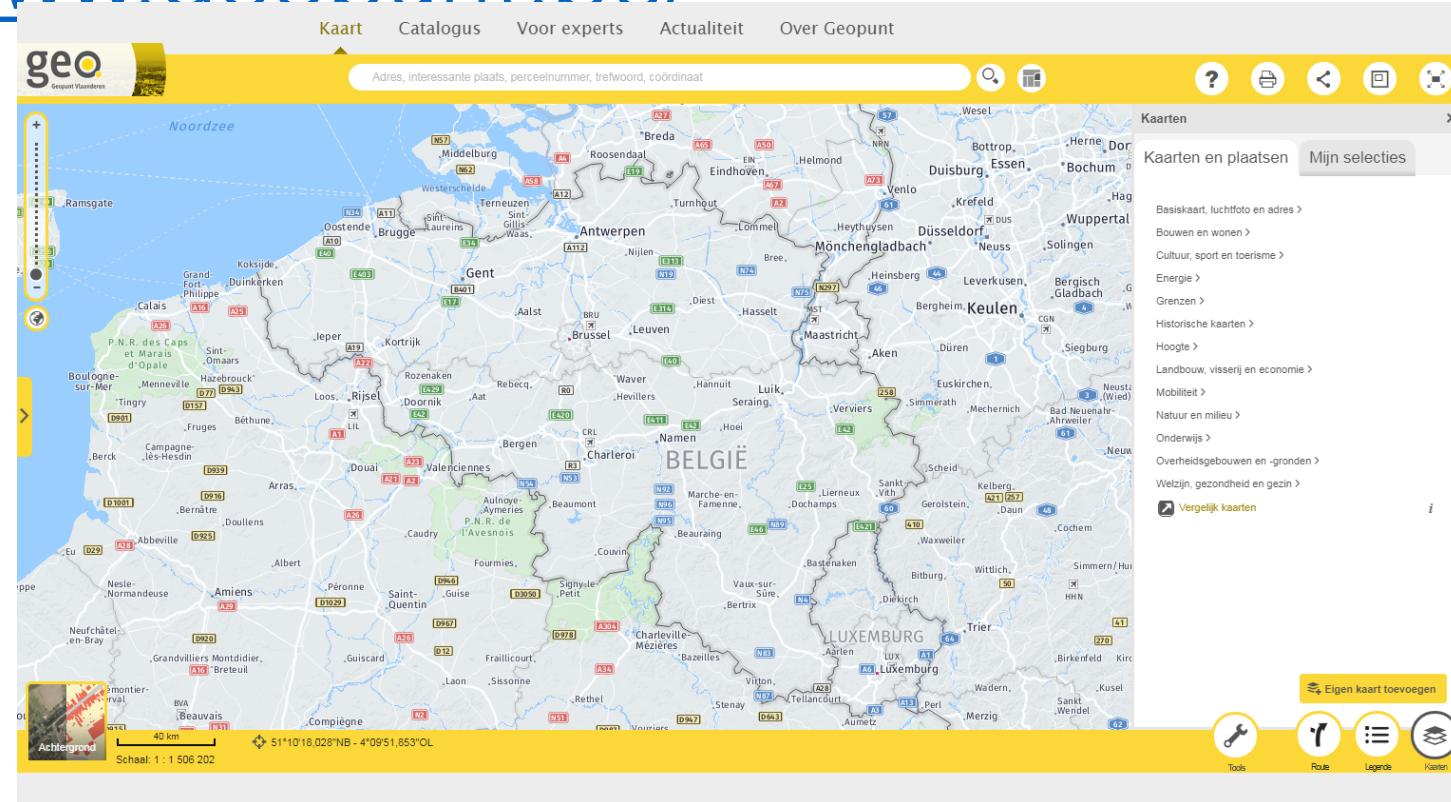
The screenshot shows the catalog page of the Federal Geoportal. The top navigation bar includes "geo.be", "Map", "Catalog", and "About", with "Catalog" being the active tab. The search bar contains "Enter keyword". The left sidebar has filters for "Type" (Datasets 138, Series 1, View services 27, Download services 11, Discovery services 2, Transformation services 1, Paper maps 6), "Federal classification" (Any theme...), "INSPIRE classification" (Any theme...), and "Responsible resource" (Any author...). The main content area displays a list of 186 results from 1 to 12, sorted by Date. Each result is represented by a thumbnail, a dataset type icon (yellow flower), the title, and the responsible organization (Royal Belgian Institute for Natural Sciences, Directorate Natural Environment, GeoCell) and date (20 Oct 2020). The titles include "Shipping and ports zones in the Belgian Part of the North Sea", "Dredged material disposal sites in the Belgian Part of the North Sea", "Energy, cable and pipeline zones in the Belgian Part of the North Sea", "Military use and storage sites for war munition zones in the Belgian Part of the North Sea", "Sand and gravel extraction zones in the Belgian Part of the North Sea", and "Fishery management zones in the Belgian Part of the North Sea".

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Flemish Geoportal :

<http://www.aeopunt.be/>



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Flemish Geoportal :

<http://www.geopunt.be/>

The screenshot shows the Flemish Geoportal's Catalogus section. At the top, there is a navigation bar with links for 'Kaart', 'Catalogus' (which is highlighted in orange), 'Voor experts', 'Actualiteit', and 'Over Geopunt'. Below the navigation bar is a search bar with the placeholder 'Zoeken in Catalogus' and a magnifying glass icon.

The main content area is titled 'Catalogus' and contains three large buttons:

- Datasets** →
- Webservices** →
- Applicaties** →

Each category has two tabs: 'Recent' and 'Populair'. The 'Recent' tab lists recent datasets, webservices, or applications. The 'Populair' tab lists popular ones. At the bottom of each section, there is a link to 'Bekijk alle [category]' followed by an arrow.

- Datasets:**
 - Recent
 - Grondwatermonsters
 - INSPIRE - Annex III - LU SpatialPlan - Planned Land Use - Departement Omgeving: Stedenbouwkundige informatie - Contouren van ruimtelijke planen en verordeningen
 - GRBcad
 - GRBgis
 - VKBO ondernemingen en vestigingseenheden
 - Vakantiewoningen via POI-service, v.2
 - Kinderopvangvoorzieningen erkend door Kind en Gezin via POI-service
 - Vlaamse openbare bibliotheken en hun bedieningspunten via POI-service
 - Organisaties binnen sociaal-cultureel werk in Vlaanderen en Brussel via POI-service
 - Bestaand landgebruik
 - Populair
 - Bekijk alle Datasets →
 - Webservices:**
 - Recent
 - INSPIRE - vervoersnetwerken - De Vlaamse Waterweg - RIS-index Vlaanderen (River Information Service)
 - WFS Meetplaatsen Oppervlaktewaterkwaliteit
 - WMS Vlaamse Landmaatschappij
 - Hydrografie - Fysische wateren
 - WMS Digitaal Hoogtemodel Vlaanderen
 - Administratieve eenheden
 - WFS Waterkwaliteitsdoelstellingen Wateroppervlakken
 - WFS Grenzen van Polders
 - WFS Overstromingsgebieden en oeverzones
 - WMS Vlaamse Milieumaatschappij
 - Populair
 - Bekijk alle Webservices →
 - Applicaties:**
 - Recent
 - Mijn tuinlab
 - FLEPOS
 - GIS3700.be
 - Milieuhandhaving.be
 - De Grote Grondvraag
 - EODaS Open LiDAR portal
 - Ruimtemonitor Vlaanderen
 - Je stad of gemeente in cijfers
 - Geopunt - Ondernemen
 - Geopunt - Gewestplan
 - Populair
 - Bekijk alle Applicaties →

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Walloon Geoportal :

<http://g...>



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Walloon Geoportal :

<http://geoportail.wallonie.be/>

The screenshot shows the Walloon Geoportal homepage. It features a map of Wallonia in the top left. Below it are three main sections: 'CARTES' (Maps) with a link to 'Catalogue des cartes dynamiques et statiques'; 'DONNÉES ET SERVICES' (Data and Services) with a link to 'Catalogue des données et services web géographiques'; and 'Suggestions' with links to 'Atlas des voiries vicinales de 1841', 'Couverture du réseau mobile en Belgique', and 'OpenStreetMap'.

The screenshot shows the 'COMMUNAUTÉ GÉOMATIQUE WALLONNE' website. The header includes the text 'Les utilisateurs, producteurs et acteurs qui contribuent aux domaines de l'information géographique en Wallonie.' Below the header are sections for 'ACTUALITÉS' (News) and 'AGENDA' (Events). The 'ACTUALITÉS' section has a link to 'VOIR TOUTES LES ACTUALITÉS'. The 'AGENDA' section lists three events: 'BeGeo 2020' (27 oct.), 'Virtual OSM meeting -' (03 nov.), and 'ESRI days BeLux 2020' (17 nov. - 19 nov.). Each event entry includes a date, a brief description, and a 'En savoir plus' link.

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