

Vefþjónustur og Oskari

Hvað eru vefþjónustur og af hverju stofnanir þurfa að koma þeim á

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Landmælingar Íslands

Hvar finn ég nothæfu gögnin sem ég þarf?

Finna líklega gagna eigendur og hafa samband við þá

Vonast til þess að gögnin séu til í gagnaformati sem ég get notað

- Arc/Info coverage
- ESRI shape skrár
- AutoCad, MicroStation
- MapInfo
- Eigið format
- Gagnagrunnur
 - PostGIS, ArcSDE/ArcGIS, ofl.
- Geopackage
- ArcGIS geodatabase
- KML

Stafasett - tákn - íslenskir stafir

Hnitakerfi eða vörpun

Lýsigagnagátt - GeoNetwork

Lýsigagnagátt Search Map

signIn English

Back to search < Previous Next >

EBM v12.0 2017

Updated: 5 days ago

EuroBoundaryMap is a seamless geo-database at the scale 1:100 000 covering 55 countries. It contains geometry, names and codes of administrative and statistical units continuously updated by the members of EuroGeographics, the national mapping and cadastral authorities (NMCAs) of Europe.

Updated annually.

Datasets in EBM:

Administrative Units includes:

AdministrativeBoundary a line layer containing the demarcations outlining administrative units.

AdministrativeUnit_1 a polygon layer containing the national administrative hierarchy, Level 1 (republic).

AdministrativeUnit_2 a polygon layer containing the national administrative hierarchy, Level 2 (municipalities).

Residence of Authority a point layer containing the administrative centres of all administrative levels.

BasicGeometry includes:

EBM_A a polygon layer containing administrative areas. Here are the basic components on which administrative units of all hierarchical levels, as well as all statistical layers, are composed.

EBM_P a point layer meant for labelling purposes. Label points are located within the main area of the administrative units on lowest level.

StatisticalUnits includes:

LAU a polygon layer = Local Administrative Unit.

NUTS_1 a polygon layer = Nomenclature of Territorial Units for Statistics (whole country)

NUTS_2 a polygon layer

NUTS_3 a polygon layer = Nomenclature of Territorial Units for Statistics (capital area, rural areas)

Tables in EBM:

CountryCodes = all countries have unique country codes (icc).

EBM_CHR = country codes of those countries where the language is used in alphabetical order delimited by #.

EBM_coAdministered = Relationship between administrative unit and its co-administering administrative units on the same hierarchical level. A few countries have special areas with shared administrative units.

EBM_ISN = designations of administrative hierarchical levels

EBM_NAM = names of administrative units

EBM_NUTS = Relationship between the SHN codes of administrative units on lowest national administrative level and corresponding statistical codes.






Overview



EBM thumbnail

Lýsigagnagátt - GeoNetwork

downloadsAndResources

	Metadata Geoportal	Open link
	National Land Survey of Iceland Website	Open link
	NLSI Geoserver	Open link
	This dataset is published in the view service (WMS) available at https://gis.lmi.is/geoserver/EBM/ows?request=GetCapabilities&service=WMS with layer name EuroBoundaryMap.	Add to map
	This dataset is published in the download service (WFS) available at https://gis.lmi.is/geoserver/EBM/ows?request=GetCapabilities&service=WFS with layer name EuroBoundaryMap.	Add to map
	undefined	Open link

Spatial extent



Temporal extent

Revision date
2017-01-01

Provided by






Share on social sites



Rating



associatedResources

	IS 50V Mörk IS 50V Mörk	Parent record
	GeoServer Landmælinga Íslands GeoServer Landmælinga Íslands	Related service
	Niðurhalssíða Landmælinga Íslands Niðurhalssíða Landmælinga Íslands	Related service

About this resource

Categories

Boundaries

Keywords

Euro Boundary Map

GEMET - INSPIRE themes, version 1.0

Administrative Units

Landupplýsingagáttin (Oskari)

The screenshot displays the Oskari web application interface. On the left side, there is a dark blue sidebar with the following elements:

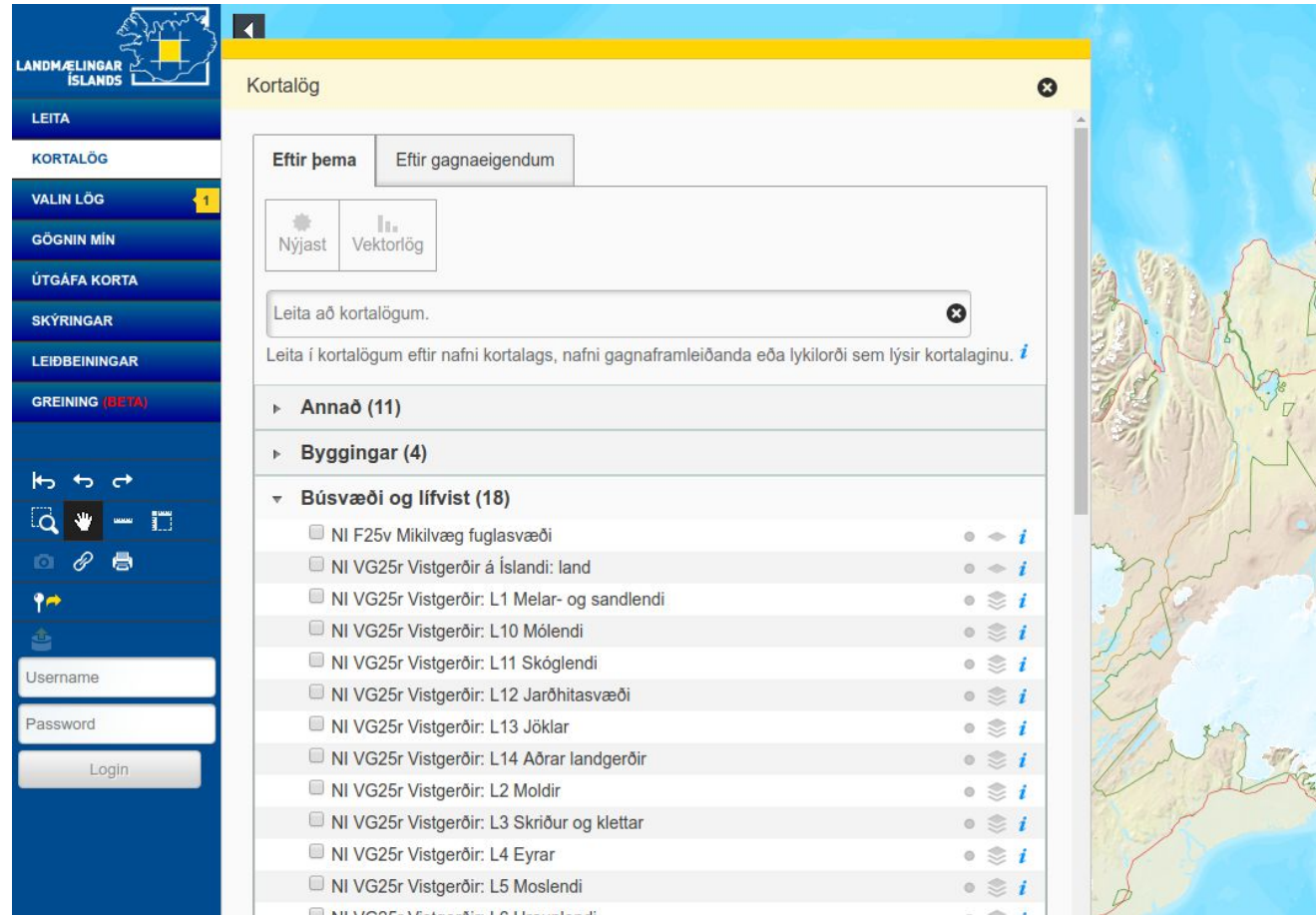
- Logo: LANDMÆLINGAR ÍSLANDS
- Navigation menu: LEITA, KORTALÖG, VALIN LÖG (highlighted with a yellow '1'), GÖGNIN MÍN, ÚTGÁFA KORTA, SKÝRINGAR, LEIÐBEININGAR, GREINING (BETA)
- Tools: Home, Search, Print, Share, Location pin, and a list icon.
- Login fields: Username, Password, and a Login button.

The main area shows a topographic map of Iceland with a blue background for the sea. A navigation control on the right includes a compass, a zoom slider, and a coordinate display (XY). At the bottom, there is a scale bar (20 km / 20 mi) and a menu with the following options: Kort, Landslag, Ísland, Gervitunglamynd, Innrauð Gervitungl..., AMS, and Atlas.

Landupplýsingagáttin

Finna gögn eftir þemum

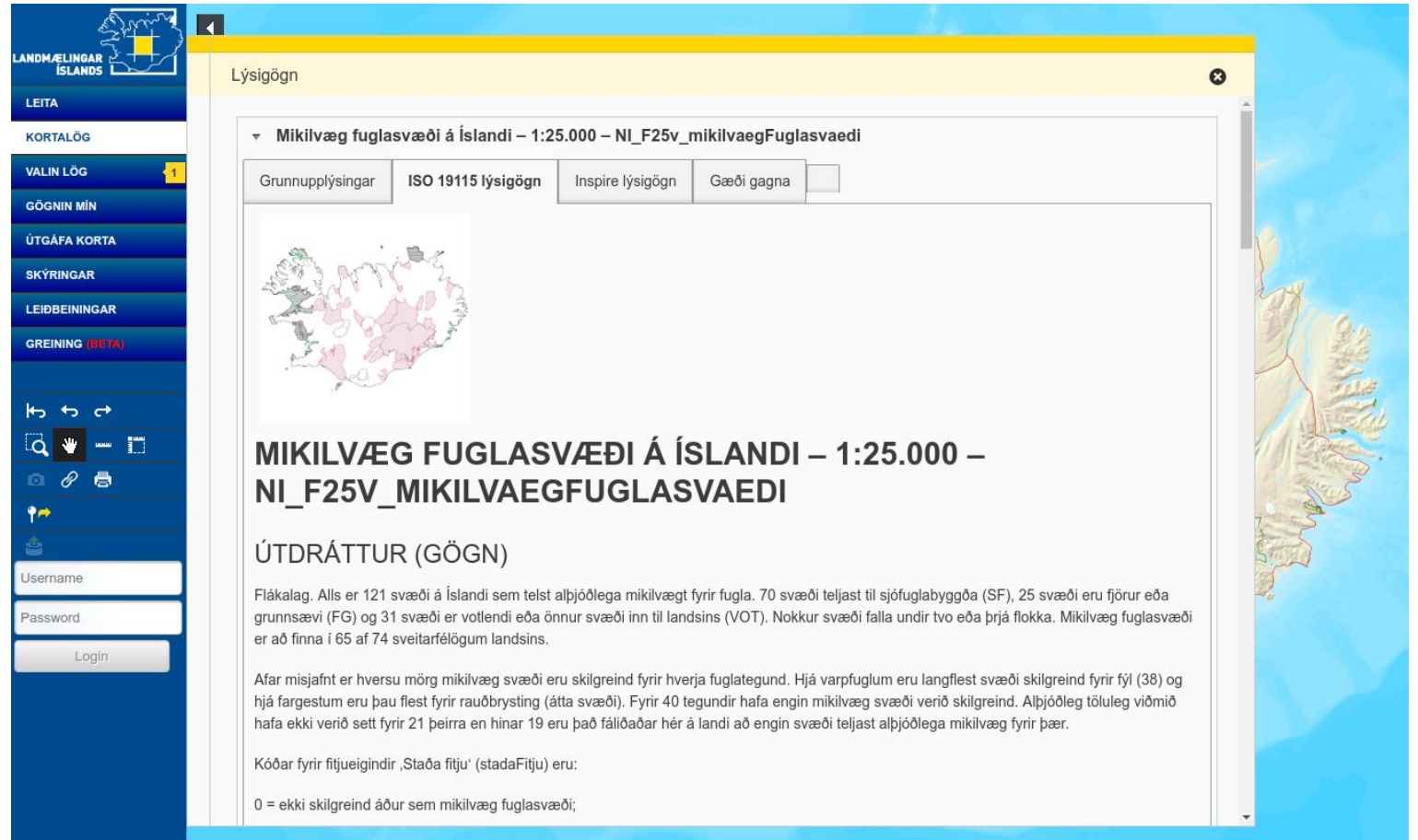
- Smella á flokk



Landupplýsingagáttin

Finna gögn eftir þemum

- Smella á flokk
- *i* til að lesa lýsigögn



The screenshot shows the 'Landupplýsingagáttin' website interface. On the left is a navigation menu with options like 'LEITA', 'KORTALÖG', 'VALIN LÖG', 'GÖGNIN MÍN', 'ÚTGÁFA KORTA', 'SKÝRINGAR', 'LEIÐBEININGAR', and 'GREINING (BETA)'. Below the menu are search and navigation icons, and a login section with 'Username' and 'Password' fields and a 'Login' button. The main content area is titled 'Lýsigögn' and displays a search result for 'Mikilvæg fuglasvæði á Íslandi – 1:25.000 – NI_F25v_mikilvaegFuglasvaedi'. It includes a map of Iceland with highlighted areas, a title 'MIKILVÆG FUGLASVÆÐI Á ÍSLANDI – 1:25.000 – NI_F25V_MIKILVAEGFUGLASVAEDI', and a section 'ÚTDRÁTTUR (GÖGN)' containing descriptive text about the bird sanctuaries. The text mentions 121 sanctuaries in total, with 70 being bird sanctuaries (SF), 25 being basic sanctuaries (FG), and 31 being votland sanctuaries (VOT). It also notes that 65 out of 74 municipalities have sanctuaries. A note at the bottom states that '0' indicates no sanctuaries in a municipality.

Landupplýsingagáttin

Finna gögn eftir þemum

- Smella á flokk
- *i* til að lesa lýsigögn
- Skrifa leitarorð

The screenshot displays the 'Kortalög' (Land Register) search interface. On the left is a navigation menu with options: LEITA, KORTALÖG, VALIN LÖG, GÖGNIN MÍN, ÚTGÁFA KORTA, SKÝRINGAR, LEIÐBEININGAR, and GREINING (BETA). Below the menu are navigation icons and a login section with fields for Username and Password, and a Login button. The main content area is titled 'Kortalög' and features two tabs: 'Eftir þema' (selected) and 'Eftir gagnaeigendum'. Under 'Eftir þema', there are buttons for 'Nýjast' and 'Vektorlög'. A search input field contains the word 'Hraun'. Below the search bar, a message reads: 'Leita í kortalögum eftir nafni kortalags, nafni gagnaframleiðanda eða lykilorði sem lýsir kortalaginu.' Below this, there are two expandable sections: 'Búsvæði og lífvist (1/18)' containing 'NI VG25r Vistgerðir: L6 Hraunlendi' and 'Jarðfræði (1/13)' containing 'NI J600v höggun Jarðfræðikort: Nútímahraun'. The background shows a topographic map of Iceland.

Landupplýsingagáttin

Finna gögn eftir þemum

- Smella á flokk
- *i* til að lesa lýsigögn
- Skrifa leitarorð

Finna gögn eftir
gagnaeyendum

The screenshot shows the 'Kortalög' (Map Laws) section of the Landmælingar Íslands website. The left sidebar contains navigation options: LEITA, KORTALÖG, VALIN LÖG (with a '1' notification), GÖGNIN MÍN, ÚTGÁFA KORTA, SKÝRINGAR, LEIÐBEININGAR, and GREINING (BETA). Below these are navigation icons and a login form with fields for Username and Password, and a Login button. The main content area is titled 'Kortalög' and has two tabs: 'Eftir þema' (selected) and 'Eftir gagnaeigendum'. Under 'Eftir þema', there are buttons for 'Nýjast' and 'Vektorlög'. A search bar contains the text 'Leita að kortalögum.' Below the search bar, there is a help text: 'Leita í kortalögum eftir nafni kortalags, nafni gagnaframleiðanda eða lykilorði sem lýsir kortalaginu.' Below this, a list of search results is shown, each with a right-pointing arrow and a count in parentheses: Ferðamálastofa (5), Landbúnaðarháskóli Íslands (1), Landgræðsla ríkisins (5), Landhelgisgæsla Íslands (1), Landmælingar Íslands (70), Landmótun (1), Natural Earth (1), Náttúrufræðistofnun Íslands (31), Orkustofnun (3), and Skógræktin (2). A map of Iceland is visible on the right side of the page.

Landupplýsingagáttin

Finna gögn eftir þemum

- Smella á flokk
- *i* til að lesa lýsigögn
- Skrifa leitarorð

Finna gögn eftir
gagnaeygendum

Skoða saman gögn

Aðgengi að gögnum

Í lýsigögnum eru upplýsingar um aðgengi að gögnum

- Linkur á niðurhalssíðu
 - Ná í gögnin á fyrirfram ákveðnu formati, t.d. shape-skrár í zip-skrá
 - Ein eða fleiri vörpun á hnitum gagnanna
- Linkur á niðurlagsþjónustu (e: download service)
- Linkur á skoðunarþjónustu (e: view service)

Vefþjónustur

OGC (Open Geospatial Consortium) staðlar

- Skoðunarþjónustur
 - WMS (Web Map Service)
 - <http://www.opengeospatial.org/standards/wms>
 - WMST (OpenGIS Web Map Tile Service Implementation Standard)
 - <http://www.opengeospatial.org/standards/wmts>
- Niðurhalsþjónustur
 - WFS (Web Feature Service)
 - <http://www.opengeospatial.org/standards/wfs>

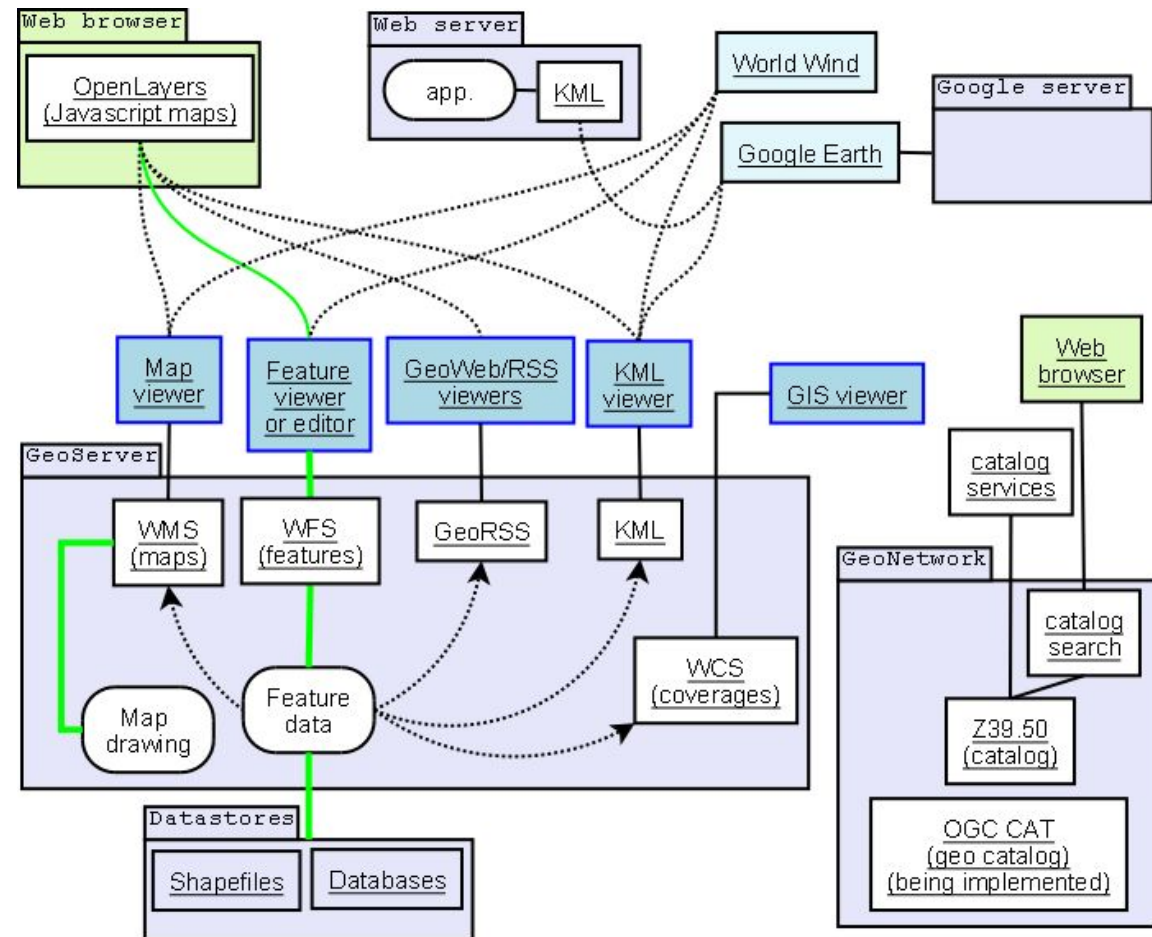
Vefþjónustur WMS, WMST og WFS

Mörg kerfi bjóða upp á þessar þjónustur

- Geoserver, Mapserver, Deegree, ArcGIS server

Mörg forrit/síður geta notað þessar þjónustur

- QGIS, ArcGIS desktop, MapInfo, OpenLayers, Leaflet



<http://geoithub.com/what-are-the-differences-between-wms-wfs-and-wcs-and-their-usages/>

Kostir við að nota staðlaðar vefþjónustur

Þurfum ekki að vita á hvaða formati gögnin eru á bak við þjónustuna

Erum óháðari hnitakerfum

Höfum rauntímaaðgang að gögnunum

Einfaldar notkun á gögnum frá ólíkum aðilum

Gagnaeigandi stíliserar gögnin í gegnum WMS eftir sínum stöðlum

- Margir serverar bjóða upp á marga stíla til að velja á milli
- Mikilvægt að bjóða upp á a.m.k. einn stíl

Takk fyrir

<https://leidbeiningar.lmi.is/>