



Session:

Names Servers

v1.0

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Content

Comparison of selected examples of

- global,
- regional and
- national servers/databases

according to common criteria:

(last accessed 04/2017)

Criteria

Publisher

Language (for publication)

Geographic extent

Feature categories

Native value

Search functions

accessibility

Content

Comparison of selected examples of

- global,
- regional and
- national servers/databases

according to common criteria:



Search for geographical names of countries and capitals



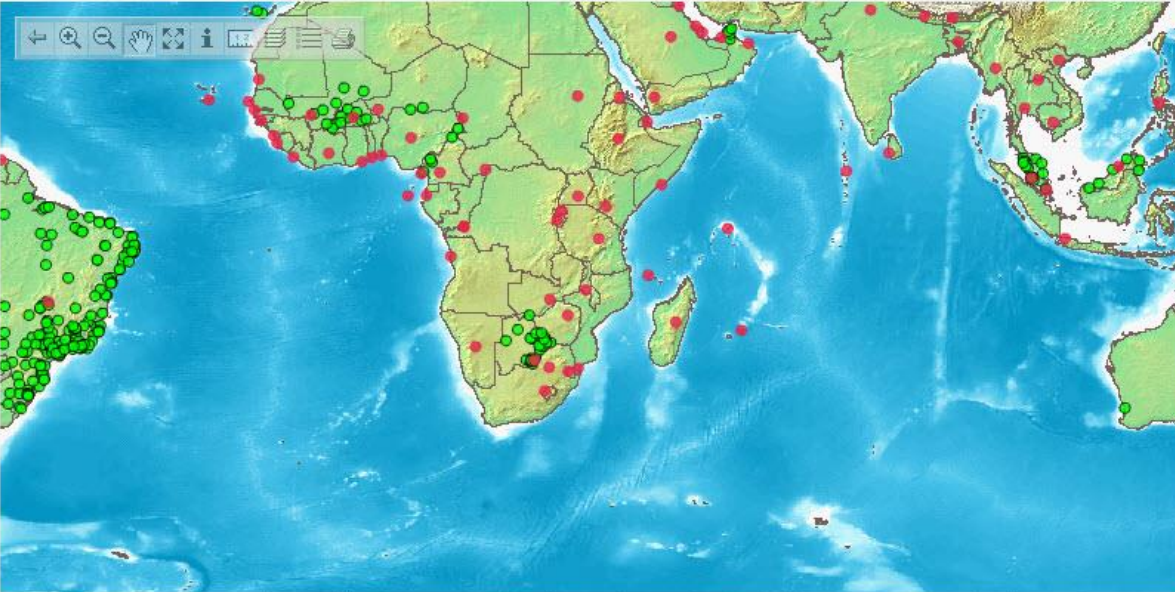
UNGEGN World Geographical Names

[Geographical names](#) | [FAQ](#) | [Feedback](#) | [Contact](#)

Multilingual, multiscriptural dataset of names of countries, capitals and major cities.

Select a country

Please roll over a country to see the country name in the UN languages or over a city to see the city endonyms (where available and in romanized form only) and the English name.



Note: The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the United Nations

<http://unstats.un.org/unsd/geoinfo/geonames/>



Search for geographical names of countries and capitals



UNG

Geographical name

Multilingual, multiscr

Select a country

Please roll over a coun
romanized form only)



Note: The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the United Nations

Criteria

Publisher

UNGEGN

Language (for publication)

english

Geographic extent

world

Feature categories

Countries and cities (over 100.000)

Native value

Endonyms, in all official UN languages

Search functions

a multilingual, multiscrptual geo-referenced geographical names database

accessibility

free

<http://unstats.un.org/unsd/geoinfo/geonames/>



NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY

GeoNames WMS Viewer

Search Servers Layers Save Load Map Options

* Right click on a GeoName for more information.

N 90:00:0.00, E 180:00:0.00

S 90:00:0.00, W 180:00:0.00 1: 168,382,424

The Geonames features will be displayed when the scale is approximately at 1:7,000,000 or larger.
Horizontal datum is WGS84.
To view Variant names of features, use the text-based search capability available by selecting the Search button.

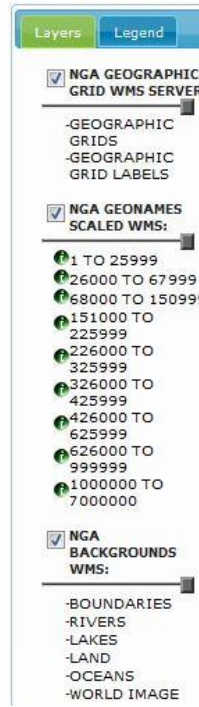
Layers Legend

- NGA GEOGRAPHIC GRID WMS SERVER:
 - GEOGRAPHIC GRIDS
 - GEOGRAPHIC GRID LABELS
- NGA GEONAMES SCALED WMS:
 - 1 TO 25999
 - 26000 TO 67999
 - 68000 TO 150999
 - 151000 TO 225999
 - 226000 TO 325999
 - 326000 TO 425999
 - 426000 TO 625999
 - 626000 TO 999999
 - 1000000 TO 7000000
- NGA BACKGROUNDS WMS:
 - BOUNDARIES
 - RIVERS
 - LAKES
 - LAND
 - OCEANS
 - WORLD IMAGE

Search for geographical names through the GEOnet Names Server (GNS)
<http://geonames.nga.mil/gns/html/>



Criteria		
Publisher	National Geospatial-Intelligence Agency (USA)	
Language (for publication)	english	
Geographic extent	world	
Feature categories	A = Administrative region P = Populated place V = Vegetation L = Locality or area U = Undersea R = Streets, highways, roads, or railroad T = Hypsographic H = Hydrographic S = Spot	
Native value	Endonyms, exonyms	
Search functions	Simple search, download of country files	
Search for	http://geo	
accessibility	free	





GeoNames

The GeoNames geographical database covers all countries and contains over eleven million placenames that are available for download free of charge.

[\[advanced search\]](#)

enter a location name, ex: "Paris", "Mount Everest", "New York"

Browse the names

- [Countries](#)
- [Postal codes](#)
- [Wikipedia](#)
- [Country statistics](#)
- [Recent modifications](#)

Information

- [About GeoNames](#)
- [Data Sources](#)
- [User manual](#)
- [Ambassadors and Team](#)
- [Forum](#)
- [Blog](#)
- [Mailing list](#)
- [Commercial Support and Consulting](#)

Download

- [Info](#)
- [Free Gazetteer Data](#)
- [Free Postal Code Data](#)
- [Premium Data](#)

Web Services

- [Overview](#)
- [Documentation](#)
- [Client Libraries](#)
- [Premium Web Services](#)

<http://geonames.org/>



Criteria	
Publisher	Private company (Mark Wick, CH)
Language (for publication)	english
Geographic extent	world
Feature categories	A = Administrative region P = Populated place V = Vegetation L = Locality or area U = Undersea R = Streets, highways, roads, or railroad T = Hypsographic H = Hydrographic S = Spot
Native value	Endonyms, exonyms, variants
Search functions	Simple search, download of country files
accessibility	free

<http://geonames.org/>, last accessed 04/2017



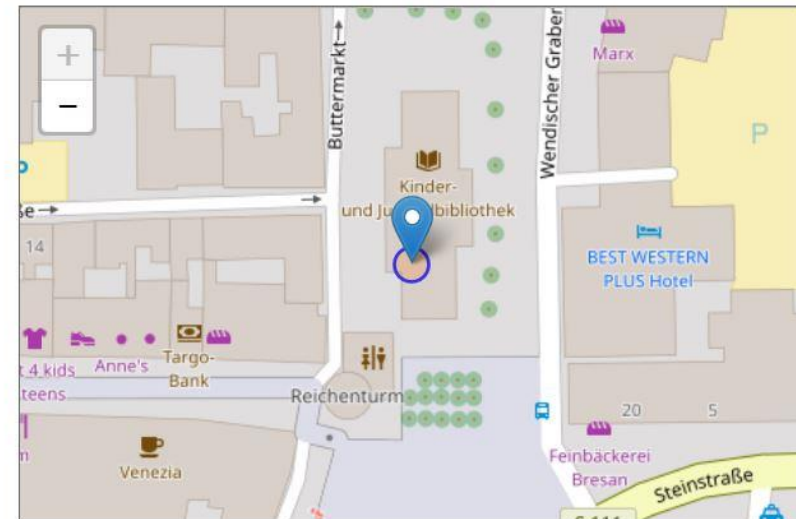
Nominatim Open Street Map (OSM)

The screenshot shows the Nominatim web interface. At the top left is the logo and name 'Nominatim'. To the right, it says 'Data last updated: 2017/04/30 19:48 GMT' and has an 'About & Help' link. A search bar contains 'Rio de Janeiro' with a search button and an 'apply viewbox' checkbox. Below the search bar is a list of search results for 'Rio de Janeiro', including state, city, county, and river entries. To the right of the list is a map of the region, with a blue outline highlighting the area around Rio de Janeiro. The map shows various cities like Juiz de Fora, Petrópolis, and Campos dos Goytacazes. A 'show map bounds' button is visible in the top right corner of the map area.

<https://nominatim.openstreetmap.org/>

Bautzen

Name	Bautzen (int_name) Bautzen - Budyšin (name) Budyšin (name:cs) Bautzen (name:de) Budyšin (name:hsb) Budissa (name:la) Budziszyn (name:pl) Баутцен (name:ru) Budišin (name:sl) Бауцен (name:uk)
Type	place:town
Last Updated	2016-10-01 09:15
Admin Level	15
Rank	Village / Hamlet
Importance	0.555092072243544
Coverage	Point
Centre Point	51.1813907,14.4275735
OSM	node 30361883
Wikipedia Calculated	de:Bautzen
Extra Tags	39607 (population) Q14835 (wikidata) de:Bautzen (wikipedia)





Criteria		
Rio de Janeiro, Südost	Publisher	OSM community
Rio de Janeiro, Microrregião do Rio de Janeiro, Região Metropolitana do Rio de Janeiro, Rio de Janeiro (City)	Language (for publication)	Deutsch, English, français, português, русский · 한국어 · 日本語 · 中文 (简体) · 中文 (繁體) ...
Rio de Janeiro, Lasso Pirapora, Mesorregião Geraís, Südosten, Bras	Geographic extent	world
Rio de Janeiro, Três Marias, Mesorregião Geraís, Südosten, Bras	Feature categories	Nominatim indexes named (or numbered) features with the OSM data set and a subset of other unnamed features (pubs, hotels, churches, etc) Search terms are processed first left to right and then right to left if that fails.
Teixeira, Rio de Janeiro, Serra do Teixeira, Região dos Patos, Mesorregião do Nordeste, Bras	Native value	Endonyms, exonyms, variants
	Search functions	Simple search
https://nominatim.org/	accessibility	free

Content

Comparison of selected examples of

- global,
- regional and
- national servers/databases

according to common criteria:



COMPOSITE GAZETTEER OF ANTARCTICA ENEA – P.N.R.A.



Scientific Committee on Antarctic Research (SCAR)
Collated by Programma Nazionale di Ricerche in Antartide (Italy)
in the framework of the SCAR Standing Committee on Antarctic Geographic Information (SCAGI)

SCAR Gazetteer

🔍 Search

ℹ Information

Login

Pass

Login

Welcome to the SCAR Composite Gazetteer of Antarctica

The SCAR Composite Gazetteer of Antarctica (CGA) has been compiled over a period of 25 years (commenced 1992) and consists of 37,557 names that correspond to 19,536 features. The place names information has been submitted by the national names committees from 22 countries and compiled by Roberto Cervellati and Chiara Ramorino from the Italian Antarctic names committee - Comitato per i nomi geografici antartici.

The SCAR CGA is now a relational database - related to the [SCAR Map catalogue](#), [SCAR Feature Catalogue](#) and the [SCAR Flora and Fauna databases](#) (all developed by the Australian Antarctic Data Centre). This allows the search for Antarctic names, maps and flora and fauna information to be addressed via the gazetteer or map catalogue with results showing links to national names committees, map publishers, map retailers and small scale maps showing the distribution of flora and fauna.

🔍 [Search for names](#)

📄 [View SCAR Gazetteer summary information](#)

📄 [Download SCAR Gazetteer](#)

The SCAR Composite Gazetteer is hosted by the [Australian Antarctic Data Centre](#). The information in the footer below pertains to the AADC web site.

<https://data.aad.gov.au/aadc/gaz/scar/search.cfm>



COMPOSITE GAZETTEER OF ANTARCTICA



SCAR Gazetteer

Search

Information

Login

Pass

Login

SCAR Gazetteer Information: Each place can have one or more entries in the SCAR Composite Gazetteer, dependant on its origin. By viewing an individual entry, you may see multiple references to the same place. SCAR uses a more general feature type coding, so each place will, in general, have multiple feature types.

Showing 1 place name.

Download as...

Name	Latitude	Longitude	Feature Type
Aboa Station (USA)	73° 03' 00.0" S	13° 25' 00.0" W	Station

Name ID: 135836 Place ID: 18345

A seasonal station operated by Finland opened in 1989 - Council of Managers of National Antarctic Programs (COMNAP), May 18, 2006.

Showing 1 place name.

The SCAR Composite Gazetteer is hosted by the [Australian Antarctic Data Centre](#). The information in the footer below pertains to the AADC web site.

<https://data.aad.gov.au/aadc/gaz/scar/search.cfm>



COMPOSITE GAZETTEER OF ANTARCTICA



SCAR Ga	Criteria	
<p>SCAR Gaz</p> <p>viewing an in place will, in g</p>	<p>Publisher</p>	<p>Scientific Committee on Antarctic Research (SCAR), Programma Nazionale di Ricerche in Antartide (Italy)</p>
<p>Showing 1 plac</p>	<p>Language (for publication)</p>	<p>English</p>
<p>Name</p>	<p>Geographic extent</p>	<p>Antarctica</p>
<p>Aboa Station (</p> <p>Name ID: 13583</p>	<p>Feature categories</p>	<p>information has been submitted by the national names committees from 22 countries</p>
<p>A seasonal sta</p>	<p>Native value</p>	<p>Endonyms</p>
<p>Showing 1 plac</p>	<p>Search functions</p>	<p>Simple search, download of country files</p>
<p>The SCAR Comp</p>	<p>accessibility</p>	<p>free</p>

<https://data.aad.gov.au/aadc/gaz/scar/search.cfm>



Search for Geographical Names

Entity name

Text to find ...

Includes Begins Exactly

Type

- Áreas Administrativas
 - Comunidad Autónoma
 - Provincia
 - Municipio
 - EATIM
 - Comarca Agraria
- Entidades de Población
 - Capital de Provincia
 - Capital de Municipio
 - Capital de EATIM
 - Población
 - Edificación Rural
- Medio físico
 - Elevación
 - Depresión
 - Llanura
 - Cueva

Area

Province / Municipality (All provinces) Specifying in the map

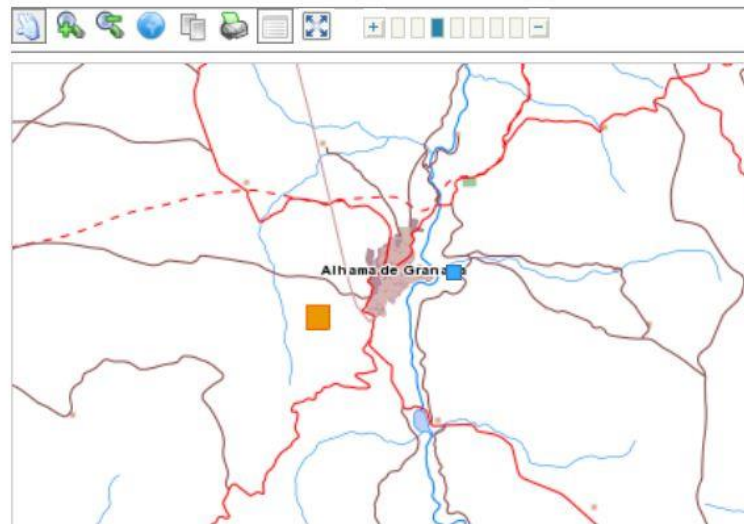
(All municipalities)

<http://www.ideandalucia.es/nomenclator/form.jsp?lang=eng>



Province	Municipality (INE)	Set	Sheet	Coordinates	
Granada	Alhama de Granada (18013)	MTA10	102534	412938,4096043.2	
Granada	Alhama de Granada (18013)	MTA10	104031	410920.9,4095363.9	

Entity with 2 locations. Showed from 1 to 2.



Legend

- Az** Toponimia Arroyos
- AZ** Toponimia Otros Núcleos
- ĀZ** Toponimia Núcleo Secundario
- Red Eléctrica de Transporte
- aeropuertos(Poligonal)
- Puertos(Poligonal)
- Ave
- FFCC Vía Doble
- FFCC Vía Única
- FFCC Desmantelado
- Otras Carreteras
- Carretera Convencional

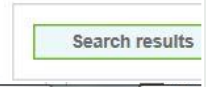
Toponymic corrections proposals accessing to [Toponymic correction](#)

<http://www.ideandalucia.es/nomenclator/form.jsp?lang=eng>



Province	Municipality (INE)	Set	Sheet	Coordinates
Granada				
Granada				
Entity with 2 loc:				
Criteria				
Publisher		Instituto de Estadística y Cartografía de Andalucía		
Language (for publication)		Spanish		
Geographic extent		Andalusia		
Feature categories		El Nomenclátor Geográfico de Andalucía es un proyecto del Instituto de Estadística y Cartografía de Andalucía, iniciado en 2004, con la Base de Datos de Topónimos 1:10.000 (BTA10), que contiene actualmente unos 150.000 topónimos o identificadores geográficos clasificados temáticamente en áreas administrativas, entidades de población, hidrografía, medio físico terrestre y marítimo, patrimonio, infraestructuras, actividades industriales, extractivas, servicios y equipamientos.		
Native value		Endonyms, variants		
Search functions		Simple search, download of country files		
http://www		accessibility		
		free		

Toponymic correction



Content

Comparison of selected examples of

- global,
- regional and
- national servers/databases

according to common criteria:



géoportail

geoportail.gouv.fr le portail national de la connaissance du territoire mis en œuvre par l'IGN



Chercher un lieu, une adresse, une donnée

OK

Rechercher

un lieu,
une photographie aérienne,
une parcelle cadastrale,
une carte ancienne,
des données géographiques...

Imaginer

vos cartes personnalisées
avec les fonds de cartes et les données
de l'IGN et de ses partenaires,
enrichies de vos propres
annotations et informations...

Partager

gratuitement et facilement
vos cartes personnalisées
avec vos amis,
votre entourage,
vos collaborateurs...



<https://www.geoportail.gouv.fr/>



géoportail

🔍 Toulo OK

LIEUX & ADRESSES

- 31000 Toulouse
- 83000 Toulon
- 03400 Toulon-sur-Allier
- 71320 Toulon-sur-Arroux
- 12200 Toulonjac

<https://www.geoportail.gouv.fr/>



Criteria	
Publisher	Institut Géographique France (IGN-F)
Language (for publication)	French
Geographic extent	France
Feature categories	Feature classes: agriculture, transport, ... 2D and 3D!
Native value	Endonyms, variants
Search functions	Simple search
accessibility	free

<https://www.geoportail.gouv.fr/>



Land Information New Zealand | LINZ Data Service | Geodetic Database | Landonline

Land Information New Zealand
Toitū te whenua

About LINZ | Consultation | Contact us

Search

Land | **Sea** | **Data** | **Crown Property** | **Regulatory** | **News** | **Information for...**

Home / Regulatory / Place names / Find a place name / [New Zealand Gazetteer of place names](#)

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New Zealand Gazetteer of place names

The New Zealand Gazetteer of Place Names (the Gazetteer) holds all official names for geographic places and features within the jurisdiction of the New Zealand Geographic Board Ngā Pou Taunaha o Aotearoa (NZGB).

The New Zealand Gazetteer also has other types of unofficial names, such as recorded collected and replaced names.

As a minimum, each name listed includes:

- the name's status – official or unofficial
- for an official name, the gazette or statutory reference
- the type of place or feature, eg, town, mountain, etc
- position reference (latitude and longitude)
- a description of the feature, when available
- the extent of the feature, when available
- the History/Origin/Meaning, when available
- file and archive references, when available

Access the NZ Gazetteer →

Regulatory ↑

↳ **Place names**

↳ **Find a place name**

New Zealand Gazetteer of place names —

New Zealand Gazetteer: Search for Place Names

Find Antarctic names

Find undersea feature names



/ New Zealand Gazetteer: Search for Place Names

New Zealand Gazetteer: Search for Place Names

Wellington

How to Use

Matches Found 11

Details

Wellington City
This is an official name
Status: Official By Other Legislation (1989 (99) p.2491)
History/Origin/Meaning: The city that is administered by the Wellington City Council. Constituted by Local Government (Wellington Region) Reorganisation Order 1989, Gazette 1989, p2491 Shown on SO 35959
Land District: Wellington

Feature Information
Feature Type: Local Government
The city that is administered by the Wellington City Council.
Approximate Location: 41.237S 174.768E (View in [Google maps](#))

While the text search covers all names, this map only shows those found in or near New Zealand.

Download the Gazetteer data as a simple CSV file. To download geographic place names data in a customisable GIS format go to [LINZ Data Service – NZ Place Names \(1/26/14\)](#).



/ New Zealand Gazetteer: Search for Place Names

New Zealand Gazetteer: Search for Place Names

Criteria	
Publisher	New Zealand Geographic Board Ngā Pou Taunaha o Aotearoa (NZGB)
Language (for publication)	English, Maori
Geographic extent	New Zealand
Feature categories	Hydrographic data, Geodetic data, Property, ownership and boundary data, Road, address and places data, Crown land data, Aerial imagery, Elevation data
Native value	Endonyms, variants
Search functions	Simple search, download of country file
accessibility	free

While the text search covers all names, this map only shows those found in or near New Zealand.

[Download the Gazetteer data as a simple CSV file.](#) To download geographic place names data in a customisable GIS format go to [LINZ Data Service – NZ Place Names \(NZGB\)](#).

Chapter 26 Distribution of standardized names: accessibility on the internet

Ferjan Ormeling and Pier-Giorgio Zaccheddu

Introduction

When names have been collected and standardised the work is only half done. As long as the standardised names have not found their way to the public, all the work has been for nothing. The public needs to be informed of the standardised name forms, so that they are used. On the UNGEGN website (<http://unstats.un.org/unsd/geoinfo/UNGEGN/geonames.html>) there are links to all national websites from which the national geographical names databases can be accessed. We will discuss a number of them in order to get an overview of the way they operate and of their functionality.

Australia

Geoscience Australia, a department of the Australian Government, has a place name search option (<http://www.ga.gov.au/map/names/>) where one can type in geographical names which then are retrieved from the central database. A number of matching entries will then come up, with indication of their record ID, feature code, coordinates, status (are they official or not) and the state they are located in. On that basis one can go to the entry looked for, and when clicking this, a detailed map with the looked-for entry comes up, with a locator map, feature ID and an indication of the topographical map sheets it can be found on.

Canada

Canada has 3 options, as the geographical names database can be accessed through three different sites, the national atlas (English: <http://atlas.gc.ca/site/english/index.htm>), the Canadian Geographical Names Database (<http://www.nrcan.gc.ca/earth-sciences/geography/place-names/10786>), and the Canadian Geographical Names Service (<http://gnss.nrcan.gc.ca>). In all three cases you will end up at Natural Resources Canada, Earth Sciences, where the option Geography leads to the Canadian Geographical Names button. When we go to the Geographical Names Search Service, we can type in names, coordinates, define rectangular areas or give unique name ID's; this last facility also provides the possibility to type in aboriginal characters. The results can be displayed according to different options, ordered according to feature type or region, and when the looked-for entry has been selected additional information is given, such as a feature identifier; also the dates when the name changed status (and the institution responsible), for instance when it became official.



The Canadian National Atlas site provides more ways of access to the names database, through its Toporama mapping tool, as a location may be found here by typing in a place name, a map number (national topographic system number), a postal code (FSA), a street address, street name, or map coordinates. When a name has been typed in, a list of entries will come up, providing access to search-matching place name results (with different locations and feature types).

Estonia

The Estonian place name database (KNAB), developed by the Institute of Estonian Languages EKI can be accessed through <http://www.eki.ee/knab/knab.htm>. The database also contains street names, names of institutions, companies and organizations, farms, administrative units and natural features next to the names of populated places. There are detailed photo and map options for showing the named feature in situ. As Estonian names in the past had their German and Russian variants, much attention is paid to languages of the place names. The database records inform on principal name forms and variant names, the status of the names and the respective decisions by local authorities (parish, county or town council, parliament), feature designation codes, present administrative division, and geographical coordinates. The database also contains information not included in the website, such as data on the temporal extension of the names, short textual descriptions of the object, use of locative cases, names of superior features, comparisons to other names and historical background information). The website, which can also be accessed in English and Russian, also provides information for named features

→ National server



UNGEEN website – searchable national names databases

UN Statistics Home | UN Home



UNGEEN

United Nations Group of
Experts on Geographical Names

Overview

Mandate

Conference

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Conferences

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Liaison Officers

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Geographical names databases

Toponymic guidelines

Publications

UNGEEN Publications

Bulletin

Media kit

Other reference material

Events

Searchable geographical names databases

Australia

- 2002 Gazetteer of 274,000 geographical names of Australia
<http://www.ga.gov.au/map/names/>
- Australian Antarctic Gazetteer
<http://data.aad.gov.au/aadc/gaz/>
- SCAR Composite Gazetteer of Antarctica
<http://data.aad.gov.au/aadc/gaz/scar/>

Bulgaria ... Bulgaria Antarctic Gazetteer
<http://apcbg.org/gazet.htm>

Canada

- Canadian Geographical Names Data Base / Base de données toponymiques du Canada
<http://www.nrcan.gc.ca/earth-sciences/geography/place-names/search/9170>
<http://www.nrcan.gc.ca/sciences-terre/geographie/noms-lieux/recherche/9171>

Croatia ... Croatian Gazetteer Service
<http://cgn.dgu.hr/home/>

Czech Republic
<http://jmenasveta.cuzk.cz/>

Denmark ... List of authorized Danish place-names
http://www.stednavneudvalget.ku.dk/autoriserede_stednavne/

Estonia ... geographical names database
<http://www.eki.ee/knab/knab.htm>

Finland ... National Land Survey of Finland ... Topographic Map Browsing System (In Finnish, Swedish and English)
<http://www.karttapaikka.fi>

France ... Institut Géographique National ... Communes
http://cnig.gouv.fr/?page_id=10578

Germany ... Geographic names contained in the dataset GN-DE (Geographische Namen Deutschlands / Geographic Names of Germany) online (WFS GN-DE)
http://www.geodatenzentrum.de/geodaten/gdz_rahmen.gdz_div?gdz_spr=deu&gdz_akt_zeile=3&gdz_anz_zeile=4&gdz_user_id=0&gdz_para=1

Hungary

<https://unstats.un.org/unsd/geoinfo/UNGEEN/geonames.html>



Draft database of the Permanent Committee of Geographical Names (StAGN)

Benutzerdefiniert	
erfassungsformular	
✖ k3_frm_erfassung	
lookup_tabellen	
✖ k3_lut_kategorie	
✖ k3_lut_namentyp	
✖ k3_lut_raumeinheit	
✖ k3_lut_sprache	
✖ k3_lut_suchfunktion	
✖ k3_lut_verortung	
Nicht zugewiesene Objekte	
✖ k3_frm_raumeinheit_erfassung	
✖ k3_tbl_datenbank	

k3_tbl_datenbank	
	url
	http://www.geonames.org/
	http://www.lodka.sorben.com/
	www.ortsnamen.ch
	http://geonames.nga.mil/namesviewer/
	http://gov.genealogy.net/search/index
	http://www.fallingrain.com/world/index.html
	http://www.verwaltungsgeschichte.de/
	http://www.eki.ee/knab/knab.htm
	http://www.eki.ee/knab/knab.htm
	http://www.columbia.edu/acis/ets/Graesse/contents.html
	http://userpage.chemie.fu-berlin.de/diverse/doc/umbenennungen.html
	http://hov.isgv.de/orte/
	http://slesvignavne.dk/
	http://www.logainm.ie/en/
	http://www.jewishgen.org/Communities/LocTown.asp
	http://pandektis.ekt.gr/dspace/handle/10442/4968?locale=en
	http://www.cartociudad.es/visor/
	http://flurnamensuche.germanistik.uni-bonn.de/Flurnamen.php
	http://www.flurnamenlexikon.de/
	http://cgi-host.uni-marburg.de/~hlg/mhfb/mhfb_xs.html
	http://www.lagis-hessen.de/de/subjects/index/sn/shfb
	http://www.lagis-hessen.de/de/subjects/intro/sn/fln
	http://www.lagis-hessen.de/de/subjects/index/sn/ol
	http://namenbuch.gmg.biz/
	http://www.scottish-places.info/
	http://www.gsi.go.jp/common/000042053.pdf
	http://www.ksh.hu/apps/cp.hnt2.gazetteer
	http://www.scotlandspplaces.gov.uk/
	http://homepage.ntlworld.com/geogdata/ngw/places.htm
	https://www1.data.antarctica.gov.au/aadc/gaz/scar/search.cfm
	http://www.gazetteer.org.uk/index.php
	http://www.getty.edu/research/tools/vocabularies/tan/

About 120 names
server, websites,...

To be published
through the StAGN
website

Thank you for your attention!