



UNGEGN

World Geographical Names

Version 1.x

United Nations Statistics Division

Overview

- To help respond to questions received
- Multilingual, multi-scriptual database
- Countries, capitals, cities >100,000 population
- Data accessible through UNGEGN website
 - By clickable world map or by country list
- Expandable to other places and features
- Initially designed and loaded by UN

User interface

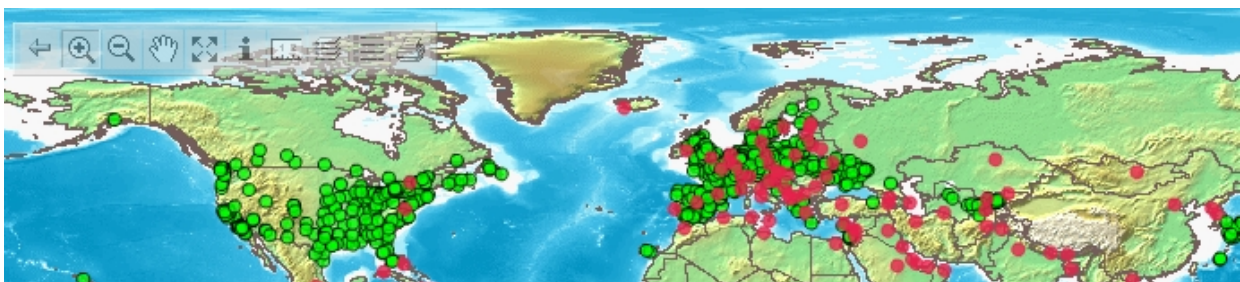


Developed in ASP.Net 2.0 and Macromedia Flash 8

Interface parts:

- Map application
- Table format

The map application



Based on a Web Map Server (WMS)

Followed the OpenGIS standards

WMS features

- ▶ Zoom in and out
- ▶ Pan – Click and drag
- ▶ Layer selection
- ▶ Distance tool
- ▶ Print map

Boundary shapefile

- Boundary representations used by the United Nations
- Based on the United Nations Geographical Information Working Group
UNGIWG - <http://boundaries.ungiwg.org/>
- Worldwide coverage of international boundaries

Database

- Country names
 - 6 official UN languages (UNTERM)
 - In 'official' language(s) of the countries (WG)
 - Other languages
- Capital cities
 - Help from WG Country Names/Romanization
 - Coordinates: UN Cartographic Section list of capitals
 - Variants in other languages (UN and other)
- Major Cities
 - From individual countries (base: UN Stats) + .wav files
 - Some coordinates from US GEOnet or Times Atlas
 - Variants in other languages (UN and other)

Database

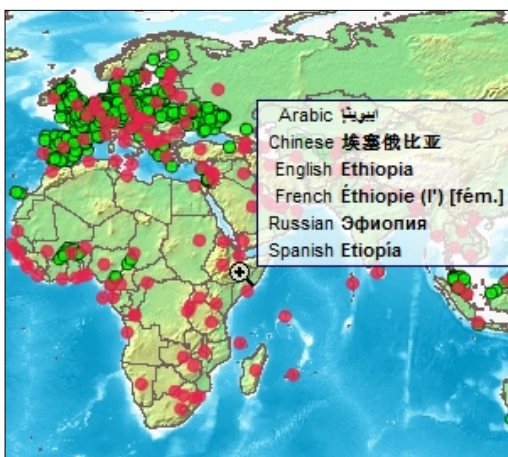
Country names

- Country code (UN Stats M49)
- Short name and/or formal name (endonym)
- Language (not etymology)
- Variants - UN and other languages
- Data source
- Romanized name including the Romanization system
- Footnotes/Comments

Capital and city names

- Country code (UN Stats M49)
- Name
- Language (not etymology)
- Data source
- Coordinates
- Is capital city
- Romanized name including the Romanization system
- Variant names (inc. UN lang.)
- Sound file of endonyms
- Footnotes/Comments

Map display



- Display of six United Nations languages
 - Arabic
 - Chinese
 - English
 - French
 - Russian
 - Spanish



- Capital and other cities
 - Local name(s) - romanized
 - English, if available

Country selection



Drop down menu to select countries or areas

Features:

- Zoom in on country level
- Populate table with all names available

Table format – Country names

Country names			
Endonyms			
Language	Short name	Formal name	
Swedish	Sverige	Konungariket Sverige	🇸🇪

United Nations languages			
Language	Short name	Formal name	
Arabic	سويديا	مملكة السويد	🇸🇪
Chinese	瑞典	瑞典王国	🇸🇪
English	Sweden	the Kingdom of Sweden	🇸🇪
French	Suède (la)	le Royaume de Suède	🇸🇪
Russian	Швеция	Королевство Швеция	🇸🇪
Spanish	Suecia	el Reino de Suecia	🇸🇪

- Endonyms ... short and formal names
- UN languages ... short and formal names
- Other languages ... short and formal names
- Data source

Table format – with romanization

Country names

Endonyms

Language	Short name	Formal name	
Ukrainian	Україна <i>Ukraina</i>	Україна <i>Ukraina</i>	🇺🇦

United Nations languages

Language	Short name	Formal name	
Arabic	أوكرانيا	أوكرانيا	🇺🇦
Chinese	乌克兰	乌克兰	🇺🇦
English	Ukraine	Ukraine	🇺🇦
French	Ukraine (f) [fém.]	l'Ukraine	🇺🇦
Russian	Украина	Украина	🇺🇦
Spanish	Ucrania	Ucrania	🇺🇦

City selection by country

 **UNEGN World Geographical Names**

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

Ones

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



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

Table format – Cities - capitals

Capital and other major cities

Stockholm Lat: 59,33 | Long: 18,06

Endonym		
Language	City name	Source
Swedish	Stockholm ↗	UNGEON

United Nations Languages

Language	City name	Source
Arabic	ستوكهولم	UN terms
Chinese	斯德哥尔摩	UN terms
English	Stockholm	UN terms
French	Stockholm	UN terms
Russian	Стокгольм	UN terms
Spanish	Estocolmo	UN terms

- Endonyms; UN languages; Other languages
- Lat. Long. • Language • Source (?)
- Sound files for endonyms

Table format - Cities

Borås Lat: 57,72 | Long: 12,95

Endonym		
Language	City name	Source
Swedish	Borås ↗	UNGEON

Goteborg Lat: 57,71 | Long: 11,98

Helsingbor Lat: 56,54 | Long: 12,72

Jönköping Lat: 57,77 | Long: 14,18

Linköping Lat: 58,41 | Long: 15,62

Lund Lat: 55,70 | Long: 13,20

Malmö Lat: 55,59 | Long: 13,02

Norrköping Lat: 58,59 | Long: 16,18

Örebro Lat: 59,28 | Long: 15,21

Umeå Lat: 63,82 | Long: 20,27

Uppsala Lat: 59,83 | Long: 17,65

Västerås Lat: 59,62 | Long: 16,55

- Alphabetical • Lat. Long.
- Each city record can be expanded as for Borås
- Sound (.wav) can be included

Table format – cities – with romanization

Алчевск Lat: 48.47 Long: 33.80		
Endonym		
Language	City name	Source
Ukrainian	Алчевськ ^{ru} Alchevsk	UNGEGN

Бердичів Lat: 48.75 Long: 30.83
Біла Церква Lat: 49.79 Long: 30.12
Черкаси Lat: 49.42 Long: 32.07
Чернівці Lat: 49.89 Long: 25.30
Чернівці Lat: 49.30 Long: 25.93
Дніпропетровськ Lat: 48.30 Long: 34.82
Дніпропетровськ Lat: 48.45 Long: 34.98
Донецьк Lat: 48.50 Long: 37.00
Гарікска Lat: 48.30 Long: 38.00
Івано-Франківськ Lat: 48.92 Long: 24.71
Кієвська-Подільський Lat: 48.75 Long: 28.67
Київ Lat: 49.28 Long: 30.48
Київ Lat: 50.00 Long: 30.20
Херсон Lat: 46.63 Long: 33.00
Умельницький Lat: 49.38 Long: 27.00
Кіровоград Lat: 48.30 Long: 32.26
Криворізьк Lat: 48.72 Long: 37.33
Харків Пул Lat: 48.22 Long: 38.00

Abiko - 我孫子市 Lat: 35.87 Long: 140.02		
Endonym		
Language	City name	Source
Japanese	我孫子市 Abiko	UNGEGN

Агес - 上尾市 Lat: 35.97 Long: 139.59
Aizuwakamatsu - 会津若松市 Lat: 37.48 Long: 139.55
Akashi - 明石市 Lat: 34.63 Long: 134.98
Akishima - 碓氷市 Lat: 35.70 Long: 139.37
Akita - 秋田市 Lat: 39.72 Long: 140.07
Amagasaki - 尼崎市 Lat: 34.72 Long: 135.42
Anjo - 安城市 Lat: 34.95 Long: 137.00
Aomori - 青森市 Lat: 40.82 Long: 140.79
Asahikawa - 旭川市 Lat: 43.77 Long: 142.37
Asaka - 朝霞市 Lat: 35.80 Long: 139.60
Ashikaga - 足利市 Lat: 36.33 Long: 139.45
Atsugi - 厚木市 Lat: 35.47 Long: 139.33
Beppu - 別府市 Lat: 33.27 Long: 131.49
Chiba - 千葉市 Lat: 35.60 Long: 140.12
Chigasaki - 茅ヶ崎市 Lat: 35.33 Long: 139.40
Chikusei - 筑西市 Lat: 36.32 Long: 139.98
Chofu - 調布市 Lat: 35.65 Long: 139.55

Status quo

- Until end of February
 - Work on user interface (e.g. download, print buttons)
 - Further loading of data
 - UN Term; UNGEGN files; UN Cartography; countries' data + wav
 - Cities for 53 countries and 61+6 only capital cities; 17 .wav files
 - 72 missing countries
- Testing in part of March (volunteers!)
- Some modification before launching at 25th UNGEGN
- At UNGEGN ... discussion about process for future, more data and other features

Future prospects

- Mechanisms on data collection and processing
 - Process to ensure accuracy and reliability
 - Templates to provide country and city names
 - Need coordinates provided
- Database maintenance
- Further application development
 - Improvements of the navigation
 - Download feature
 - Search by language
 - Adding major geographic features and their names

Online version

Web access

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

Login information

User name: **tester**

Password: **geonames**

Comments and suggestions can be sent to zewoldi@un.org.

Outline

- International boundaries
- Database: Country and city names content
- User interface:
 - Map
 - Table
- Future prospects
 - Mechanisms on data collection and processing
 - Database maintenance
 - Other geographic features