National Dialogue

Agenda item 4a

Governments on the situation in their countries and on the progress made in standardization of geographical names
Day 3

Theme: Technology, innovation and standards for geographical names data management

Topics:

a. Various ways that national databases are being improved or expanded
b. Solving inconsistencies of geographical names on maps and in databases
c. Links of geographical names standardization to mapping programmes
d. Geographical names input into UN-GGIM
e. Online gazetteers; printed gazetteers; websites; geoportals and other names documents
f. Updates to Toponymic Guidelines
g. Names collection and crowd sourcing
3a. Various ways that national databases are being improved or expanded

*National reports that consider this topic:*

<table>
<thead>
<tr>
<th>Armenia</th>
<th>Italy</th>
<th>Russian Federation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulgaria</td>
<td>Japan</td>
<td>Slovakia</td>
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<td>Canada</td>
<td>Kingdom of the Netherlands</td>
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<tr>
<td>Islamic Republic of Iran</td>
<td>New Zealand</td>
<td></td>
</tr>
</tbody>
</table>
THEME 3a:
Geographical Names Registration

MÉXICO

FRANCISCO JAVIER MEDINA PARRA
DEPUTY GENERAL DIRECTOR OF BASIC GEOGRAPHICAL INFORMATION
Instituto Nacional de Estadística y Geografía
3rd May 2023
System

Subsystems

Committees

Geographical, Environmental, Territorial and Urban Planning

GEOGRAPHICAL COMPONENT

- Geodetic framework
- Boundaries
- Relief
- Cadastral data
- Topography
- Natural Resources
- Climate
- Geographical names

ENVIRONMENTAL COMPONENT

State and trends of the environment, considering natural environments, plant and animal species, and other organisms

Technical rules

- Technical Standard for the Registration of Geographical Names
- Technical Standard for Geographical Names of Submarine Relief Forms

Geographical names registry

https://www.inegi.org.mx/app/geo2/cng/
THEME 3a:
STATE CATALOGUE OF GEOGRAPHICAL NAMES

RUSSIAN FEDERATION

DIANA ISMAILOVA
HEAD OF GEODESY AND CARTOGRAPHY DEPARTMENT
Federal Service for State Registration, Cadastre and Cartography
3 May 2023
Information Support in the Field of Geographical Names

State Catalogue of Geographical Names

State Catalogue of Geographical Names includes information on circa 800,000 geographical objects.

Approved by order of the “Centre of Geodesy, Cartography and SDI” NPI/28 from 17.02.2015

<table>
<thead>
<tr>
<th>Registration Form</th>
<th>for names of geographical objects on the territory of the Russian Federation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Key Information</td>
<td></td>
</tr>
<tr>
<td>Reg. No. of geographic object</td>
<td>Date of registration</td>
</tr>
<tr>
<td>Name of geographic object</td>
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<tr>
<td>Source of object name</td>
<td>Date of identification of the name</td>
</tr>
<tr>
<td>Identification</td>
<td></td>
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<tr>
<td>Type of the object</td>
<td>Indication of object’s existence</td>
</tr>
<tr>
<td>Source of object type identification</td>
<td></td>
</tr>
<tr>
<td>Date of type identification</td>
<td>Settlement status</td>
</tr>
</tbody>
</table>

APPLICATION
for the issuance of data and materials contained in the State Catalogue of Geographical Names

1. Application for the issuance of data and materials contained in the State Catalogue of Geographical Names to the Federal State Budgetary Establishment “Federal Scientific-Technical Center of Geodesy, Cartography and Spatial Data Infrastructure” (hereinafter – the Establishment)

2. To be completed by an employee of the Establishment
   2.1. Registration number__________
   2.2. Number of application pages__________
   2.3. Number of attached documents__________/pages in them__________
   2.4. Signature_________________
   2.5. Date “____”__________ year

3. Information on applicant
   3.1. For individuals:
       Surname, name, patronymic
       Postal address:
       Phone number:
THEME 3a: Technology, innovation, and standards for geographic names data management

SOUTH AFRICA

NAME OF PRESENTER-PALESA KADI
JOB TITLE: CHAIRPERSON
Organization: SOUTH AFRICAN GEOGRAPHICAL NAMES COUNCIL
Date:03 MAY 2023
Geographic Names Lookup Tool

- allows members of the public to gain more knowledge and be made aware of the SAGNC’s mandate, frequently asked questions, and the relevant procedures and processes pertaining to geographic names applications.

- **Date**: 22/02/2021
- **New Name**: Gqeberha
- **Previous_Name**: Port Elizabeth
- **Geographic Feature Type**: City
- **Province**: Eastern Cape
- **District Municipality**: 
- **Local Municipality**: 
- **Meaning**: 
3b. Solving inconsistencies of geographical names on maps and in databases

National reports that consider this topic:

Argentina  
Brazil  
Bulgaria  
Cabo Verde  

Denmark  
Norway  
South Africa
THEME 3b: RESOLVING INCONSISTENCIES OF GEONAMES ON DIFFERENT SCALE BASE MAPS

BRAZIL

ANA CRISTINA DA R. BÉRENGER RESENDE
HEAD OF THE GEOGRAPHICAL NAMES DEPARTMENT
Brazilian Institute of Geography and Statistics

May 3rd, 2023
**1st Phase**

- Named Features in Different BaseMaps
- Features Names Compatibility Status and Similarity Percentage
- Geolocated Name Comparison Process
- PL/PgSQL

**2nd Phase**

- Features Names Compatibility Status and Similarity Percentage
- Uniquely Identified Geographical Names
- Geographical Names Experts
- Compatibilized Names
- Names Validation Status And Reasons

**Base Maps Database in PostGreSQL/PostGIS**
- Brazilian Geographical Names Database in PostGreSQL/PostGIS
- Triggers in PL/PgSQL Track Name Changes
- Brazilian Geographical Names Database in PostGreSQL/PostGIS

*United Nations Group of Experts on Geographical Names (UNEGGN)*
3c. Links of geographical names standardization to mapping programmes

National reports that consider this topic:

Australia        Denmark
Austria          Hungary
Bulgaria         Lithuania
Cambodia         Peru
3d. Geographical names input into UN-GGIM

Brazil
Canada
Latvia
3e. Online gazetteers; printed gazetteers; websites; geoportals and other names documents

**National reports that consider this topic:**

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THEME 3e:
TECHNOLOGY, INNOVATION AND STANDARDS
FOR GEOGRAPHIC NAMES DATA MANAGEMENT

GREECE

NATIONAL GAZETTEER OF GEOGRAPHICAL NAMES OF GREECE
MAJOR GRIGORIOS BOUSOULAS
Hellenic Military Geographic Service
Wednesday 3 May 23
National Gazetteer of Geographical Names of Greece

• Single dataset based on the Geographical Dictionary of Toponyms of the Hellenic Military Geographic Service (HMGS) and the Gazetteer of maritime geographical names of the Hellenic Navy Hydrographic Service (HNHS).

• The National Gazetteer contains geographical names within areas over which Greece exercises sovereignty or sovereign rights and jurisdiction (about 90,700 entries – both land and maritime, including undersea features), in Greek and Latin script, together with other information about each name, specifically:
  ✓ Abbreviation of Category of geographical name
  ✓ Name of geographical name in Greek
  ✓ Romanized geographical name
  ✓ Name of geographical name in Latin script
  ✓ Secondary name (if any, in Greek and Latin script)
  ✓ Historical name (if available, in Greek and Latin script)
  ✓ Geographic location of entry in geographic coordinates
    (the approximate Geographical Longitude Latitude)

• The National Gazetteer will be updated regularly.
Theme 3e: Acquiring geographical names from cadastral maps and other sources

CZECHIA

Klára Steinerová
Geographer
Czech Commission on Geographical Names
3. 5. 2023
Acquiring geographical names from cadastral maps and other sources

- cadastral offices
- ZABAGED
- municipalities
- official institutions, dataset managers
- citizens

Secretariat of the Czech Commission on Geographical Names

Geonames database

maps, geoportal, wms, wfs, publications

connected geographical information systems
3f. Updates to Toponymic Guidelines

National reports that consider this topic:

Brunei Darussalam
Croatia
Norway
Sweden
Thailand
United Kingdom
3g. Names collection and crowd sourcing

National reports that consider this topic:

Australia
Denmark
Finland
Iceland
Latvia
Slovenia
THEME 3g: Names collection and crowd sourcing

DENMARK

Marie Pallisgaard Thomsen
Academic Specialist
Agency for Data Supply and Infrastructure
Wednesday 3rd May
Sending an email to the municipality

The employee opening and reading the email

Easy call-to-action in the email linking to the webpage

Webpage where the employee can log in and report place names
THEME 3g: Names collection

LATVIA

Vita Strautniece
Head of the Laboratory of Toponymy,
Department of Cartography
Latvian Geospatial Information Agency
Wednesday 3rd May
Technology, innovation and standards for geographical names data management

Some general questions

• Integration of data from different sources to achieve a national geographical names database poses various challenges. Do you have any examples to share about such challenges and how they were, or are being, resolved?

• User needs are an important aspect of maintaining a national geographical names database and its interface. Have any countries made recent studies that will influence their work? Also, are countries seeing a need to include illustrations or pronunciation of named features?

• Would any country like to speak to the question of successfully combining different writing systems in their database, and how this has been helpful to database users?