What is a digital gazetteer?

• A gazetteer is a structured dictionary of geographical places.
• The essential attributes of a digital gazetteer entry are: geographic name, spatial footprint, and feature type.
• It may also include information about hierarchical relationships between places, the dates that a place existed, or other features.

A gazetteer is not a GIS…

• It is more…
• Structured information about places includes
  – Variant names in different languages
  – Place name types
  – Descriptions of relationships among places
  – Links to related sources of information
  – Etymology
• …and less…
• Spatial information may be rudimentary and overlapping
...but gazetteers and gazetteer services can work with GIS and other projects to:

- Reference information about places
- Deposit information about fuzzy places (“the silk road”)
- Point to alternate versions of names within a single gazetteer (from different scholars, at different times, based on different versions of political reality, in different languages)
- Point to distributed texts and other resources about places
- Allow for searching multiple gazetteers through a clearinghouse
- The ECAI/ASCC gazetteer service project hopes to register both “simple” and “standards compliant” gazetteers for maximum interoperable searching.
The ECAI/ASCC gazetteer project extends existing gazetteers by:

- Establishing a multilingual environment
- Establishing standards for global, historical, culture-centered gazetteers and feature type thesauri
- Establishing service protocols for searching multiple gazetteers
- Creating a service for map visualization based on toponym-rich text or other resources
Some existing gazetteer projects

- Alexandria Digital Library
  www.alexandria.ucsb.edu/gazetteer
- Getty Thesaurus of Geographical Names
  www.getty.edu/research/tools/vocabulary/tgn/
- Taiwan Gazetteer
  tgnis.ascc.net
- German Space Operations Center
  www.heavens-above.com/countries.asp
Major sections of the ADL feature type standard

- Geographic feature ID
- Geographic name
- Variant geographic name
- Type of geographic feature
- Other classification terms
- Geographic feature code
- Spatial location
- Street address
- Related feature
- Description
- Geographic Feature data
- Link to related source of information
- Supplemental note
- Metadata information
- *Time is not a field; it is embedded in many other fields*
Alexandria Digital Library Gazetteer Server

ADL Gazetteer Help Information (07/03/2001)

This version of the ADL Gazetteer is based on the ADL Gazetteer Content Standard. Currently, it contains data from the NIMA Gazetteer, a set of countries and U.S. counties, U.S. toponymic map, quadrangle footprints, set of volcanoes, and set of earthquake epicenters. The GNIS data from the U.S. Geological Survey has been partly added to the collection. As of today, there are approximately 4.4 million entries. For the full description, see the ADL Gazetteer Collection metadata.

For the full functionality of the interface, you must use the Internet Explorer web browser or Netscape version 6 to see the roll-over information from the search result listing.

NOTE

- This interface has been developed and tested using Internet Explorer 5. The interface can also be used with Netscape Communicator 4.61 or higher. We noticed that one minor feature for search result display is not supported by the current Netscape Communicator 4.61 release. For complete functions, please use the Microsoft Internet Explorer.
- If you have any problems using this interface, please send email. To help us identify the problem, we would like to have the description of the problem, name and version of your WEB browser, machine and operating system.

Last modification: February 21, 2000

Please set at least one search condition.

Location: [ ] within map [ ] overlaps map [ ] anywhere
Place Name: [ ] has all words
Feature Type: [ ] Any Type
- adminstrative areas (2,131,883)
- agricultural sites (191,153)
- airport features (24,818)
- alluvial fans (86)
- amusement parks (18)
- anticlines (4)
- aqueducts (103)
- archaeological sites (1,732)
- arches (natural formation) (446)

Identification Code: [ ] is equal to [ ]

Send your comment to [ADL Development](mailto:development@alexandria.edu)
Alexandria Digital Library Gazetteer Server

Search Result: (1 - 20) of 48 matches.

3284. Shanghai Shan, islands
3285. Shanghai Shi, countries, 1st order divisions
3286. Shanghai Xian, countries, 2nd order divisions
3293. Shanghai, populated places
3407. Xinzhuang, populated places
3617. Shanghai, populated places
3728. Sanghe, populated places
3896. Geta Senaweng Bahagan Shanghai Seremban, Lang, land parcels
5197. Shanghai Pahang Estate, land parcels
1274. Shanghai, agricultural sites
3594. Shanghai, agricultural sites

NOTE

- This interface has been developed and tested using Internet Explorer 5. The interface can also be used with Netscape Communicator 4.61 or higher. We noticed that one minor feature for search result display is not supported by the current Netscape Communicator 4.61 release. For complete functions, please use the Microsoft Internet Explorer.
- If you have any problems using this interface, please send email. To help us to identify the problem, we would like to have the description of the problem, name and version of your WEB browser, machine and operating system.

Last modification: February 21, 2000
Alexandria Digital Library Gazetteer Server

Search Result: (1 - 20) of 48 matches.

3284. Shanghai Shan, islands
3285. Shanghai Shi, countries, 1st order divisions
3286. Shanghai Xian, countries, 2nd order divisions
3293. Shanghai, populated places
3407. Zhejiang, populated places
3617. Shanghai, populated places
3888. Shanghai, populated places
5197. Shanghai Pahang Estate, land parcels
1274. Shanghai, agricultural sites
3284. Shanghai, agricultural sites

Geometry Type: Point (SGSN-MNA-1)
- Longitude: 121.458054 (121°27'28"E)
- Latitude: 31.222221 (31°13'19"N)

Identification Code
- ADL Feature ID: 1628293

Related Information
- Related Entity (SGSN-MNA-1)
  - IsPartOf: UTM grid UQ55

- Related Entity (SGSN-MNA-1)
  - IsPartOf: JOG Sheet Number NH51-0

- Related Entity (SGSN-MNA-1)
  - IsPartOf: China

Please set at least one search condition.

Location: anywhere
Place Name: has all words
Feature Type: (All Feature Types)
- Any Type - (4,437,404)
- administrative areas (2,131,883)
- agricultural sites (191,153)
- airport features (24,818)
- alluvial fans (86)
- amusement parks (18)
- anticlines (4)
- aqueducts (103)
- archaeological sites (1,732)
- arches (natural formation) (446)

Identification Code: is equal to

Help

Send your comment to ADV Development
- Shanghai Digital Library
Alexandria Digital Library Gazetteer Server

Search Result: (1 - 20) of 48 matches.

3284. Shanghai Shen, islands
3285. Shanghai Shi, countries, 1st order divisions
3286. Shanghai Xian, countries, 2nd order divisions
3293. Shanghai, populated places
3407. Zhejiang, populated places
3617. Shanghai, populated places
3838. Shanghai, populated places
3866. Getai Senaweng Balangan Shanghai Seremban, Ladang, land parcels
5197. Shanghai Pahang Estate, land parcels
1274. Shanghai, agricultural sites
1524. Shanghai, agricultural sites

Link to Related Information
Yahoo("Shanghai")

Source: BGN-NIMA-1
Organization: U.S. Board on Geographic Names (BGN), U.S. National Imagery and Mapping Agency (NIMA)
URL: GEOnet Names Server
Contact Person: NIMA Geographer, D-56
Address: 4600 Sangamore Road, Bethesda, Maryland 20816-5003, USA
Information Source:
- Title: Digital Interim Geographic Names Data (CDROM)
- Author: U.S. National Imagery and Mapping Agency (NIMA)
- Series: GAZÖN, DIGNAMES
- Edition: 002
- Publisher: U.S. National Imagery and Mapping Agency (NIMA)
- Publication Date: August 1997
- Source ID: NSN: 7644014174141

Click on the map to record
90.00°

Location: within map, overlaps map, anywhere
Place Name: has all words, shanghai
Feature Type: (Feature Type Thesaurus)

-Any Type- (4,437,404)
administrative areas (2,131,883)
agricultural sites (191,153)
airport features (24,818)
alluvial fans (86)
amusement parks (18)
antiquities (4)
aqueducts (103)
archaeological sites (1,732)
arrows (natural formation) (446)

Identification Code: is equal to 

Help

Send your comment to ADV Development
Alexandria Digital Library
 Getty Thesaurus of Geographic Names

Browse the World

Find:

Enter one keyword, e.g., carlsbad; or full name, e.g., los angeles

Search  Clear  Pop-up Search Window

Version 2.0-Web. Data accessed by the "browser" is updated monthly.
You may also search the AAT and the ULAN

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Help
Learn how to use the TGN browser

About the TGN
Learn about the purpose, scope and structure of the TGN. The TGN is an evolving vocabulary, growing and changing thanks to contributions from Getty projects and other institutions. Find out more about the TGN’s contributors.

F.A.Q about the TGN
Here you will find a list of the most frequently asked questions about the
GETTY VOCABULARY PROGRAM

Search for: shanghai

View Place Records  Clear All

(Click icons below to view hierarchy for place; use checkboxes to view multiple place records.)

And 32 places that match your search.

- Coon Creek
  - [creek]
  - [M & T Sm., USA, Missouri, Johnson][125407]
  - Shanghai Creek

- Cornelia
  - [inhabited place]
  - [M & T Sm., USA, Missouri, Johnson][2099426]
  - Shanghai

- Miles Point
  - [inhabited place]
  - [M & T Sm., USA, Missouri, Carroll][1911676]
  - Shanghai

- [inhabited place]
  - [China, Shanghai, Shanghai Sh][7012046]
  - Shanghai

- [inhabited place]
  - [M & T Sm., USA, Alabama, Limestone][208267]
  - Shanghai

- [inhabited place]
  - [M & T Sm., USA, Indiana, Howard][2050487]
  - Shanghai

- [inhabited place]
  - [M & T Sm., USA, Missouri, Vernon][2050488]
  - Shanghai

- [inhabited place]
  - [M & T Sm., USA, North Carolina, Cleveland][2050489]
GETTY VOCABULARY PROGRAM

Place Records

:3856]

Shanghai (inhabited place)

:31.06 N Long: 121.22 E (represented in degrees minutes direction)
:31.100 Long: 121.367 (represented in decimal degrees and fractions of degrees)

- Largest city in China; prospered after 1840; one of first five treaty ports; attacked by Japanese 1932; scene of severe fighting during Japanese-Chinese War 1937; controlled by Japanese 1941; restored to China 1945; taken by Communists 1949.

Hierarchical Position:

- Asia (continent)
- Zhonghua (nation)
- Shanghai Shi (municipality)

Shanghai (C,V)
Shang-hai (C,V)
Shanghai (C,V)
Shanghai (C,V)
Shanghai (C,V)
Shanghai (C,V)

Types:

inhabited place (C)
city (C)
regional capital (C)
commercial center (C)
industrial center (C)
port (C) ...................... opened 1842
educational center (C)
treaty port (C)

Refs:

Chang-hai ..................... Rand McNally Atlas (Reprinted 1994), I-33 [VP]
Shanghai ...................... Webster's Geographical Dictionary (1984), 1104 [VP]

Shanghai ...................... Petit Robert TT, Noms (1989) [BHA]
NIMA, GEOnet Names Server (1996) [VP]
Times Atlas of the World (1985) [BHA]
Cambridge World Gazetteer (1988) [BHA]
Columbia Lippincott Gazetteer (1961) [BHA]
#0958

**Shanghai Shi** (municipality)

:31 14 N Long: 121 28 E (represented in degrees minutes direction)
:31.233 Long: 121.467 (represented in decimal degrees and fractions of degrees)

Archical Position:

- Asia ...................................................(continent)
- Zhonghua .............................................(nation)

Yes:

Shanghai Shi (C,V)
Shang-hai Shi (C,V)
Shanghai (C,V)

The Types:

- municipality (C)
- first level subdivision (C)

Refs:

Shang-hai Shi............................... NIMA, GEOnet Names Server (1996) [VP]
Shanghai................................. Britannica Book of the Year (1990), 589 [VP]
Shanghai Shi............................... NIMA, GEOnet Names Server (1996) [VP]
台湾地名查洵系统建置计画

计划简介

地名资料库

地名普查手册

地名查洵系统

相关文件

主要进行中工作

计划背景资讯

委託单位：内政部

执行单位：中研院历史语言研究所及中研院计算中心

计画主持人：中研院史语所 范敏今 副研究 昌及 中研院计算中心 林 cited 主任

计划执行时程：2000.07.27-2001.3.27

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地名学词语汇(简体字)

A Manual for Field Collection of Geographical Name (12.5Mb)

完成 陈国章 教授《台湾地名辞典》建簿。

基本地形图资料库地形资料编码表(99/10/31)

地名普查手册座谈会(89/10/18)

史事工作者 张敬博 先生访谈记录(89/10/7)

中研院调查工作座谈会访谈记录(89/10/2)

包括土地名称普查手册之谈判完成。
Error:
Map server not available
Next steps

• Content standard development and validation
• Multilingual testbed construction
• Gazetteer registration in ECAI metadata clearinghouse
• Feature type thesaurus extensions
• Tools for linking gazetteers to text and image databases