



TOPICS

Urban Data Challenge 2018



➤ Urban Data Challenge (UDC)

'Urban Data Challenge (UDC)' is a project operated by Association for Promotion of Infrastructure Geospatial Information Distribution (AIGID) since 2013. UDC project aims to encourage the use of open-data, and big data development for the resolution of public issues with geospatial data through discussion and knowledge experience workshops.

➤ Action plan for 2018

This year we are promoting data flow and the efficient use of geospatial information by finally setting local base points for all prefectural blocks, and also increasing activities through measures such as encouraging collaboration between localities.

➤ UDC2018Kickoff

We held this year's UDC kickoff event!
Venue: Komaba campus of The University of Tokyo
For further information:
<http://urbandata-challenge.jp/news/2018-1st-symposium>

➤ Connecting with Geospatial Information Center (GSc)

For the activities of local base points, to use data registered with the center, or register local data with the GSc see:

<http://urbandata-challenge.jp/>

WEBSITE ACCESS REPORT

➤ Access

- ✓ 3019 users registered total (As of Jul 1, 2018)
- ✓ 198,143 page view (Data collection period May 1 to Jun 30, 2018)

➤ Uploaded Data

- ✓ 428 data providers
- ✓ 2,279 data collections
- ✓ 27,003 data files (As of Jul 1, 2018)

Highly accessed ranking

Data collection period May 1 to Jun 30, 2018

1. **Real 3D urban city model / sample image (Shinagawa)**
-From ASIA AIR SURVEY CO.,LTD.
2. **Other public facilities / List of recyclable waste collection points - private sector** -From Hamamatsu city, Shizuoka
3. **Future population and household number prediction tool / terms of use** -From National Institute for Land and Infrastructure Management(NILIM)
4. **Data of Geospatial Information Authority of Japan (GSI) -GSI tile and 3D download data** - From Geographical Survey Institute
5. **CS pictorial drawing tool / CS pictorial drawing QGIS plugin** -From The Forestry Center of Nagano prefecture
6. **Road closing information / Road information service system / Kyushu Regional Development Bureau** -From MLIT Road Bureau
7. **Road closing information / Road information service system / Kinki Regional Development Bureau** -From MLIT Road Bureau
8. **Real 3D urban city model / sample image (Shinjuku)** - From ASIA AIR SURVEY CO.,LTD.
9. **Future population and household number prediction tool / result images**- From NILIM
10. **Future population and household number prediction tool / 13 Tokyo Metro Area** -From NILM

WHAT'S NEW

- 2018.06.07 "Geospatial data master class seminar" in Tokyo, 25th & 26th June
- 2018.05.25 <Important>Inviting participants to the preparatory meeting of the Next Generation Civic Cooperation Platform "My City Report" Consortium!
- 2018.05.25
- <Important> Started the Infra Data Challenge contest of Japan Society of Civil Engineers!
- <Important> Data provision API service releases -Started with the release of Spot Traffic Volume data-
- <Important> Released "paid membership" service

DATA RELEASE INFORMATION

- 2018.06.20【Released】Prove vehicle data of Northern Osaka earthquake, 18th June 2018
- 2018.06.08【Released】Matsue station premises people flow sensor data May 2018 (From : AIGID People flow analysis team)
- 2018.06.05【Released】Speed waveforms within engineering infrastructures (From: Central Disaster Management Council- Committee 'The central government Nankai megathrust earthquakes case review board' and 'Urban local earthquakes case review board')
- 2018.05.22【For sale】MapFanDB data (From : INCREMENT P CORPORATION)
- 2018.05.17【Updated】Designated evacuation shelter data (From : AIGID)
- 2018.05.10【Released】Matsue station premises people flow sensor data April 2018 (From : AIGID People flow analysis team)

Contents feature

Pick UP !! "My City Forecast" The University of Tokyo

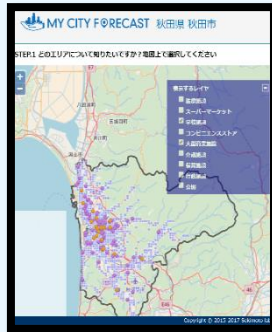
This is a visualized environment of residential area predictions for 2015 to 2040 based on current population distribution and facilities location data, estimated using simple simulation with 14 indications. It shows how the future environment for residents will change according to current trends.

■ For more information see the website.

https://www.geospatial.jp/gp_fro nt/showcase/gic-mcf

■ Purchasing service customization is available. Please check the website

<https://www.geospatial.jp/ckan/d ataset/mcf>



※This image is Akita prefecture

Featured Upcoming data

Spatial Network Model for Pedestrians and related

(From: MLIT Director-General for Policy planning)

This data shows pedestrian route spatial arrangement information, including barrier-free information such as road bumps, width and slopes, as well as a walking history record and the name, location and status information of barrier-free facilities.

This is composed of a walking history record link and a link connection node.

Uploaded data: "Outer Gardens of the Imperial Palace, Chiyoda-ward including the Nippon Budokan, and Chuo-ward peripheral data".



TIPS FOR EFFICIENT USE OF G-SPATIAL INFORMATION CENTER

Q> How can I use the banner link of Geospatial Information Center?

A) Please contact us to use link of our website.

We will add contents of "how to use the banner link" on the top page of our website soon.



*It will be displayed on the bottom of the top page. Please click "about linking to this website".

G-SPATIAL INFORMATION CENTER STAFF REPORT

➢ We held the intensive seminar "Geospatial data master class" on 25th to 26th of June.



From participants:

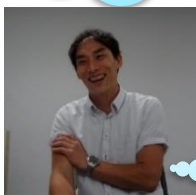
I realized that there are various types of data in society and want to take on the challenge of combining my information with the data of the Geospatial Information Center.



- Mr. Katsunori Ichizuki, Yazaki Energy System Corporation

➢ The aims of this seminar was to learn skills for generating and visualizing ideas with excise and debate based on the latest data and actions of the Cabinet. A total of 10 participants, the majority from survey and architectural consulting, were joined by people from municipalities, GIS vendors, manufacturing and a variety of industries for a productive seminar.

➢ A variety of data is uploaded to the Geospatial Information Center. By combining this geospatial information with the diverse knowledge and merit that various people can contribute, it is possible to generate new value and create a market that could not be achieved without diversified geospatial information. Once again we realized these possibilities for the new value of geospatial information at our seminar thanks to the participation of many people from various backgrounds.



- Mr. Hideo Kikuchi, Municipality of Hadano-city

Debating a gathering of interested parties is a great idea.

➢ We will continue to hold seminars that provide opportunities for innovative value development. Please come and join us.

