G-Spatial Information Center

Newsletter

Vol.7 May-31,2018

TOPICS

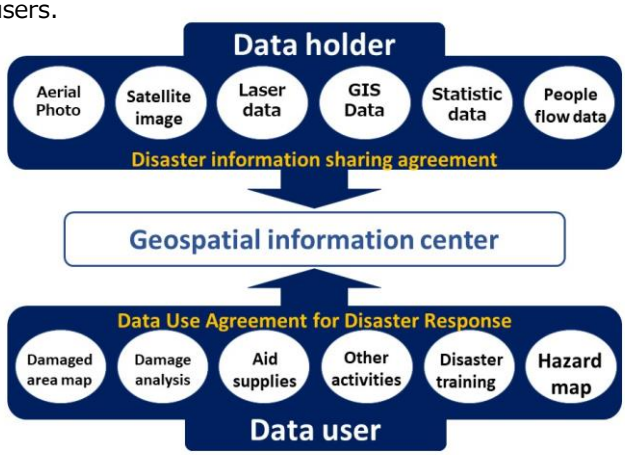
Disaster response collaboration project

To carry out the role of a disaster information hub, Geospatial information center (GsC) provides disaster damage information and disaster recovery information.

The fact that it takes too long for disaster recovery support and volunteers to obtain damage and disaster information has become an issue.

The main cause of this not knowing where the information is stored, where to inquire, and the procedures for secondary use and redistribution are also unclear.

In light of these circumstances, GsC aims to support the distribution of data information by working as a coordinator between data holders (data providers) and users.



GsC concluded a “disaster information sharing” agreement with data holders, and also a “disaster information sharing” agreement with disaster information volunteers. These agreements ensure that when a disaster occurs geospatial information will be instantly available.
We aim to contribute to disaster prevention and reduction by distributing useful disaster response information held by field offices of the Cabinet, municipalities, universities, and private firms.

WEBSITE ACCESS REPORT

Access

- ✓ 2,725 users registered total (As of May 1. 2018)
- ✓ 220,410 page view (Data collection period Mar 1 to Apr 30, 2018)

Uploaded Data

- ✓ 422 data providers
- ✓ 2,068 data collections
- ✓ 11,310 data files (As of May 1. 2018)

Highly accessed ranking

Data collection period Mar 1 to Apr 30, 2018

1. **Infra MIRAI MAP Kamaishi (prototype) / 01-1_Sanriku coast road Kamaishi-Yamada route** - From Ministry of Land, Infrastructure and Transport(MLIT) Policy Bureau
2. **Real 3D urban city model / sample image (Shinagawa)** - From ASIA AIR SURVEY CO.,LTD.
3. **Infra MIRAI MAP Kamaishi (prototype) / Infra MIRAI MAP Kamaishi (prototype) data storage index list** – From MLIT Policy Bureau
4. **Infra MIRAI MAP Kamaishi (prototype) / 15_ Unosumai Fukko Stadium** - From MLIT Policy Bureau
5. **Future population and household number prediction tool / terms of use** - From National Institute for Land and Infrastructure Management(NILIM)
6. **Road closing information / Road information service system / Kyushu Regional Development Bureau** - From MLIT Road Bureau
7. **Infra MIRAI MAP Kamaishi (prototype) / 01-2_Sanriku coast road Yoshihama-Kamaishi route** - From MLIT Policy Bureau
8. **Future population and household number prediction tool / 13 Tokyo Metro Area** - From NILM
9. **CS pictorial drawing tool / CS pictorial drawing QGIS plugin** - From The Forestry Center of Nagano prefecture
10. **Infra MIRAI MAP Kamaishi (prototype) / 16_ new city hall** - FromMLIT Policy Bureau

WHAT'S NEW

- 2018.4.03【Released】GsC Newsletter Vol.6(EN)
- 2018.3.16【Released】GsC Newsletter Vol.6(JP)
- 2018.03.01 Visited the governmental institutions responsible for location survey and maps in Cambodia, Laos, and Vietnam.

DATA RELEASE INFORMATION

- 2018.04.10【Released】Matsue station premises people flow sensor data March 2018 From: AIGID People flow analysis team
- 2018.03.28【Released】Infra MIRAI MAP Kamaishi (prototype) From: MLIT)
- 2018.03.28【Released】Tile images of future population by mesh grid(estimated 2017) From: MLIT Policy Bureau
- 2018.03.26【Released】Reference data for the estimated ratio of noncombustible areas, detached house density, and estimated building coverage of fire retardant-treated wooden houses used to designate “areas in which measures needed for removing the risk of the occurrence or spread of electrical fires at the time of earthquakes or other disasters.” From: Central Government Review Board for the Occurrence and Suppression of Electrical Fires in Large Scale Earthquakes.
- 2018.03.12【Released】webpage link of “volcanic eruption aerial photo of Mt. Kirishima (Shinmoe-dake)”
- 2018.03.12【Released】Matsue station premises people flow sensor data February 2018 From: AIGID People flow analysis team

For more information G-Spatial Information Center
Website https://www.geospatial.jp
E-Mail info@geospatial.jp

Contents feature

Pick UP !! “National Park”

Biodiversity Center of Japan, Ministry of the Environment

National parks are symbols of Japan’s natural scenery and landscapes. Designation is based on the natural park law and managed by the Ministry of Environment. 33 locations throughout the country have been designated as of October 2016.

Data sets polygonised and stored according to the categories of park name, special protection area, special area, marine park area, and regular area.

■Data specs and price

Data format: KLM file – available on Google Earth

Price: free use

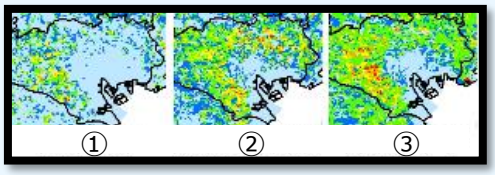
*sample image on the Google Earth

Featured Upcoming data

Reference data for the estimated ratio of noncombustible areas, detached house density, and estimated building coverage of fire retardant-treated wooden houses used to designate “areas in which measures needed for removing the risk of the occurrence or spread of electrical fires at the time of earthquakes or other disasters.”

(From Central Government Review Board for the Occurrence and Suppression of Electrical Fires in Large Scale Earthquakes.)

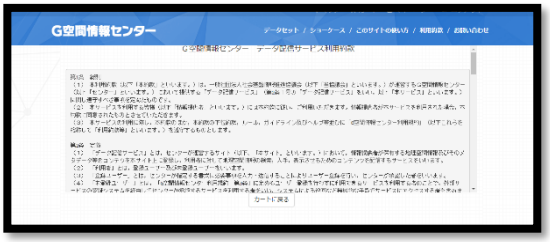
This data is useful for municipalities designated that data provided includes “①estimated ratio of noncombustible areas,” “②detached house density,” and “③estimated building coverage of fire retardant-treated wooden houses” for every town, village and district nationwide.



TIPS FOR EFFICIENT USE OF G-SPATIAL INFORMATION CENTER

Q> Where can I find terms of use for purchasing data sets?

A> Each data set has a pdf file of Terms of use and notes. You can view it from each data set’s page. This information can also be seen in the shopping cart after you select your purchasing datasets.



- The banner for the of terms of use is displayed after you put purchasing data in your shopping cart.
- Click the “Terms of use” banner, to see its contents.

G-SPATIAL INFORMATION CENTER STAFF REPORT

➢ Status report

We’ve already uploaded huge amount of data on the GsC. New data is uploaded on a steady basis. For efficient use these data, our system team are preparing an API (Application Programming Interface).

We will soon release the API for free data use on the GsC site.
To provide additional value for practical use, we are continually developing API for purchasing data.

➢ Future plans

We are also developing another API to provide additional value to users by allowing them to purchase and obtain data more efficiently. It will have user-friendly features such as the ability to easily obtain data for a specified area and time period from the large amount of GSC’s time series datasets.

From System team