TOPICS

➢ **Participate Geospatial Expo2017**

AIGID will participate in Geospatial Expo2017 under the name "G-spatial information center (GsC)." Geospatial Expo2017, which is being held this October, is a collaborative effort of private, academic, and public groups for the realization of the "Geospatial society" where everyone can effectively utilize geospatial information, and provides an opportunity to enhance the efficient use of geospatial information and satellite positioning.

（Geospatial EXPO） http://www.g-expo.jp/

➢ **Exhibit booth at the forum**

We will operate an exhibit booth at the Geospatial EXPO2017 forum to introduce the GsC, celebrating its first anniversary, as the implementer of an easy-to-use platform for anyone to search and access geospatial information, and we will also introduce our most recent activities.

➢ **Opening G-spatial information center user meeting**

We will hold a user meeting at one of the lecture symposiums of Geospatial EXPO 2017, which will be divided into several sessions based on various uses of geospatial data. At each session, experienced users of geospatial information will promote introduce practical examples of geospatial information utilization.

<session(provisional)>

Session1- Efficient use of geospatial information based on the agreement of disaster response

Session2- Enhancing the efficient of use geospatial information through collaboration with related institutions.

Session3- Reports on best practices from GsC Users.

➢ **Updates and detailed information**

We will be posting detailed information on the 'What's new' section of the G-spatial Center website, and in our Email newsletter.
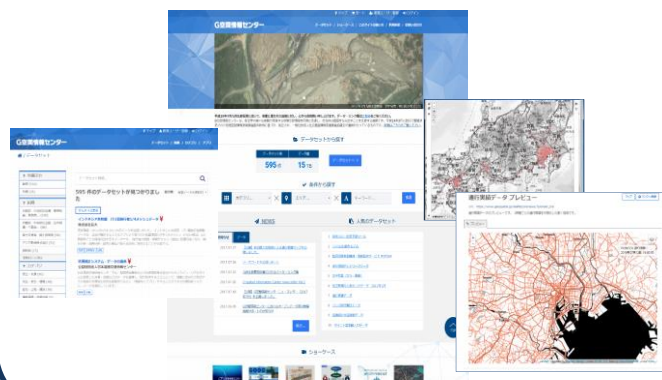
WEBSITE ACCESS REPORT

➢ **Access**

✓ 1,798   users registered total

（As of Sep 1. 2017）

✓ 135,026 page view

（Data collection period Jul 1 to Aug 31, 2017）

➢ **Uploaded Data**

✓ 69 data providers

✓ 593 data collections

✓ 15TB Data volume

Highly accessed ranking

Data collection period July 1 to August 31, 2017

1. **Northern Kyushu heavy rain July 2017, probe vehicle data map / July 5th.2017 probe vehicle data map** -From AIGID

2. **Future population and household number prediction tool / terms of use** -From National Institute for Land and Infrastructure Management(NILIM)

3. **Future population and household number prediction tool / prediction result images** -From NILIM

4. **Matsue station premises people flow sensor data January / January 3. 2017** - From AIGID analysis team

5. **Aerial photograph of Northern Kyushu heavy rainfall damage area 2017(captured 13th to 14th July) / tile format** -AERO ASAHI CORPORATION

6. **Northern Kyushu heavy rainfall July 2017, Probe vehicle data map / July 6th.2017 probe vehicle data map** -From AIGID

7. **Real 3D urban city model / sample image (Shinjuku)** -From ASIA AIR SURVEY CO.,LTD.

8. **Future population and household number prediction tool / 01 Hokkaido** -From NILIM

9. **9. Road closing information / Road information service system / Kyushu Regional Development Bureau**- From Ministry of Land, Infrastructure, Transport and Tourism Road Bureau

10. **10.CS pictorial drawing tool / CS pictorial drawing QGIS plugin** -From The Forestry Center of Nagano prefecture

WHAT'S NEW

➢ July 26.2017 Released source code.

➢ July 25.2017 Released data and link list of Northern Kyushu heavy rainfall damage

➢ July 20.2017 GsC Newsletter Vol.2(EN)

➢ July 18.2017 GsC Newsletter Vol.2(JP)

DATA RELEASE INFORMATION

➢ Aug 8.2017 Aerial photograph of Northern Kyushu heavy rainfall damage 2017(captured 13th to 14th, 30th July)
➢ July 7.2017 Matsue station premises people flow sensor data July. 2017
➢ July 27.2017 Probe vehicle data map of Akita prefecture heavy rain damage.
➢ July 24.2017 Aerial photograph of Northern Kyushu heavy rainfall damage 2017(captured 13th to 14th July).
➢ July 19.2017 Image data of Northern Kyushu heavy rainfall damage 2017(captured 9th July)
➢ July 14.2017 Image data of Northern Kyushu heavy rainfall damage 2017(captured 8th July)
➢ July 11.2017 Links to Northern Kyushu heavy rainfall damage photographs
➢ July 7. 2017 Matsue station premises people flow sensor data June. 2017
➢ July 6.2017 Probe vehicle data map of Northern Kyushu heavy rain.

Contents feature

Pick UP !!
"Future population and household number prediction tool"
From the National Institute for Land and Infrastructure Management(NILM)

Population prediction by the cohort method using small region demography and household data. An Excel-based tool with an embedded map-generating function.

Expected results of future population Images

This function displays generated results of expected future population with an Excel-based simple drawing software module.

You can choose small area unit or grid unit viewing.

Note:
 Fukushima prefecture data is unregistered with this tool because prediction is unreliable at this point in time.

【小地域（町丁・字）単位】
Small area (village position information) unit

【100mメッシュ単位】
100meter grid unit
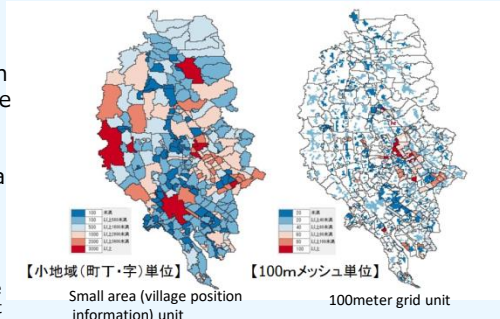
Featured Upcoming data

Image data of Northern Kyushu heavy rain damage and Akita prefecture heavy rain damage July 2017.

-From AERO ASAHI CORPORATION
Aerial photographs of Northern Kyushu heavy rainfall damage area 2017/ tile format

-From ASIA AIR SURVEY CO.,LTD.
Photo image of Northern Kyushu heavy rainfall damage 2017/ simplified orthophoto

-From AIGID
Probe vehicle data map of Northern Kyushu heavy rain July 2017 / tile format images, distribution now ended.

Probe vehicle data map of Akita prefecture heavy rain damage July 2017 / tile format images, distribution now ended.

TIPS FOR EFFICIENT USE OF G-SPATIAL INFORMATION CENTER

Q>How can I view the data before download?

A>The 'preview' function can be used to display data images.

➤ **You can view preview images for certain sets of registered data.**
➤ **Find your desired data at the top page of the GsC website, and scroll down from 'Data set' tab. A list of all related data will be displayed.**
➤ **Click 'Detail▼' on right side of data name, and you will see a menu with choices including 'preview' and 'move to link'.**

Pre VIEW Sample data A prediction population preview の流動人口を可視化した動く地図です。	map Detail▼
CSV Sample data B 京都駅周辺のサンプルデータです。	📊 preview 🌐 Jump to link
¥ Sample data C small town unit (monthly)	

➤ **Choosing 'preview' displays actual images of certain data.**

Note: Not all data have preview images.

G-SPATIAL INFORMATION CENTER   STAFF REPORT

We were very saddened to hear about all of the people who suffered damage from the Northern Kyushu heavy rain (Kyushu disaster) in July 2017.

As we mentioned in our previous newsletter, we signed an agreement in advance with data providers and data users so that related data will be flexibly and quickly accessible in times of major disaster. Based on this agreement, we updated the GsC website and released probe vehicle data map from PIONEER CORPORATION beginning the day after the Kyushu disaster occurred, and proceeded to upload links to pages of aerial photos taken by private aerial survey companies, simple picture map images, and a tile format data picture map. We also updated our top page with special topics on this disaster. As a result, the National Research Institute for Earth Science and Disaster Resilience (NIED) listed and provided a probe vehicle data map on their own website's 'e community platform'. Fukuoka prefecture obtained a probe vehicle data map through our website and used it to plan heavy machine transportation. Kyushu University obtained web map data from the GsC and provided it along with information from the Kyushu geospatial information portal web site and map information from additional institutions. The GsC will continue its efforts to achieve a 'Japan-wide disaster response information hub' that will manage and provide data from public, academic, research, volunteer, and NPO/NGO sources with fairness and transparency.

G-Spatial Information Center