



気候変動観測衛星

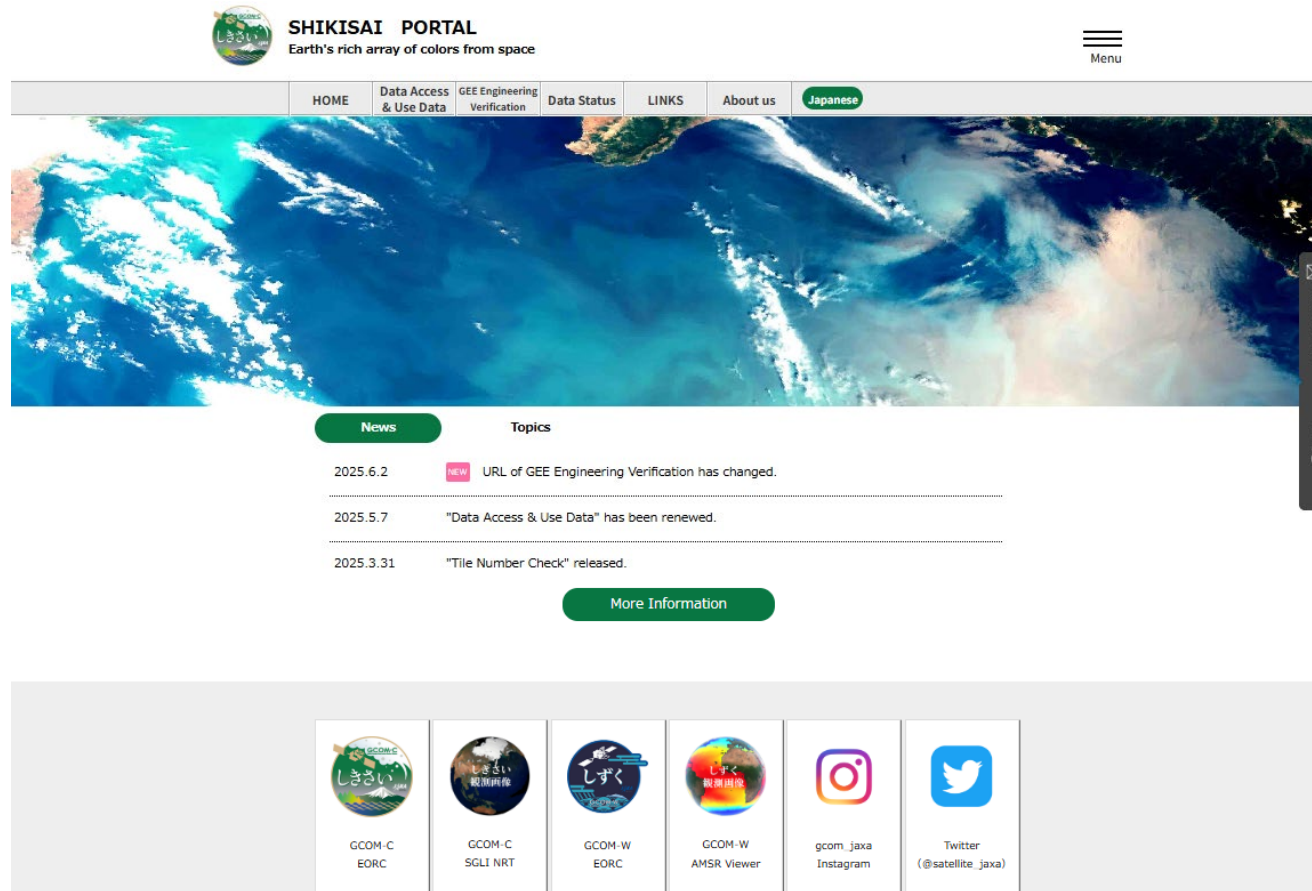
GCOM-C  
Global Change Observation Mission-Climate

# About SHIKISAI Portal

Update : July 18<sup>th</sup>, 2025

# About SHIKISAI Portal

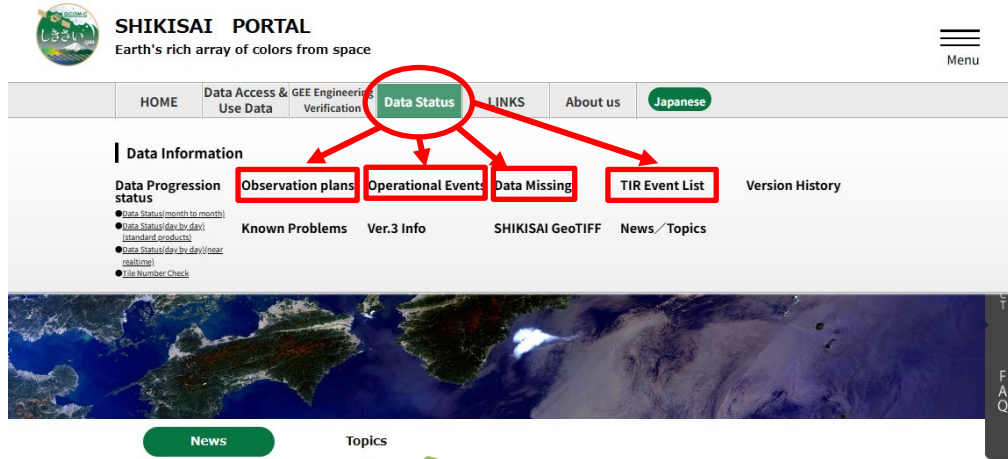
Information and links related to SHIKISAI (GCOM-C/SGLI) are available here.  
Updated biweekly as needed.



SHIKISAI PORTAL

[https://shikisai.jaxa.jp/index\\_en.html](https://shikisai.jaxa.jp/index_en.html)

# Operational Information



**SHIKISAI PORTAL**  
Earth's rich array of colors from space

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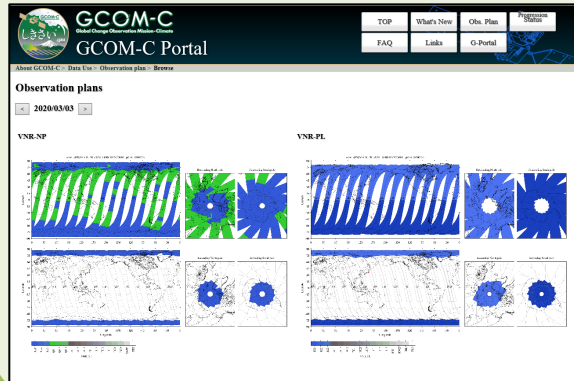
**Data Information**

- Data Progression status**
  - Data Status (month to month)
  - Data Status (day by day)
  - Standard (realtime)
  - Data Status (day by day) (near realtime)
  - File Number Check
- Observation plans**
- Operational Events**
- Data Missing**
- TIR Event List**
- Version History
- Known Problems
- Ver.3 Info
- SHIKISAI GeoTIFF
- News / Topics

News | Topics

- Observation Plan (when/where)
- Missing information of GCOM-C/SGLI
- GCOM-C/SGLI orbit control or calibration information

## Observation Plan



## Data Missing

●SGLI Missing Data List  
Here shows total missing information of GCOM-C/SGLI data during routine observation phase (from March 28, 2018).

Table 1. Missing Data List

Sensor	From(UT)	To(UT)	duration h:mm:ss	Comments (※ : relationship with Table 2.)
VNR (NP)	2019/12/15 05:40:02	2019/12/15 14:58:10	9:18:08	Tentative stop of POL-tilt operation(※3)
VNR (POL)	2019/12/15 05:38:26	2019/12/15 15:00:30	9:22:04	Tentative stop of POL-tilt operation(※3)
VNR (NP)	2019/10/20 05:16:27	2019/10/20 09:35:50	4:19:23	Tentative stop of POL-tilt operation(※3)
VNR (POL)	2019/10/20 05:16:35	2019/10/20 09:35:42	4:19:07	Tentative stop of POL-tilt operation(※3)
IRS (SWI)	2019/06/19 02:19:06	2019/06/19 02:19:06	0:00:01	Packet loss
VNR (NP)	2019/02/02 08:21:44	2019/02/02 10:55:26	2:33:42	Tentative stop of POL-tilt operation(※2)
VNR (POL)	2019/02/02 08:19:54	2019/02/02 11:00:50	2:40:56	Tentative stop of POL-tilt operation(※2)
VNR (NP)	2019/01/12 14:44:43	2019/01/12 14:44:44	0:00:01	Packet loss
VNR (POL)	2019/01/06 00:57:14	2019/01/06 00:57:15	0:00:01	Packet loss
VNR (NP)	2018/12/28 14:35:53	2018/12/28 14:35:54	0:00:01	X-downlink data decode loss
VNR (NP)	2018/12/28 14:27:22	2018/12/28 14:27:23	0:00:01	X-downlink data decode loss
VNR (NP)	2018/12/28 14:27:21	2018/12/28 14:27:22	0:00:01	X-downlink data decode loss
VNR (NP)	2018/08/04 10:06:55	2018/08/04 12:40:28	2:33:33	Tentative stop of POL-tilt operation(※1)
VNR (POL)	2018/08/04 10:04:39	2018/08/04 12:42:45	2:38:06	Tentative stop of POL-tilt operation(※1)
VNR (POL)	2018/05/24 00:03:20	2018/05/24 01:01:40	0:58:19	Command operation inconsistency
VNR (NP)	2018/05/24 00:03:13	2018/05/24 00:56:59	0:53:47	Command operation inconsistency
IRS (SWI)	2019/05/24 00:03:09	2019/05/24 00:57:03	0:53:54	Command operation inconsistency
VNR (POL)	2018/05/21 13:50:55	2018/05/22 11:07:16	21:16:21	Tentative stop of MDR operation
VNR (NP)	2018/05/21 13:50:55	2018/05/22 11:07:16	21:16:21	Tentative stop of MDR operation
IRS (SWI)	2018/05/21 13:50:55	2018/05/22 11:07:15	21:16:21	Tentative stop of MDR operation
IRS (TIR)	2018/05/21 13:50:55	2018/05/22 11:07:15	21:16:21	Tentative stop of MDR operation

## Operational Event

●SGLI Event List  
Here shows GCOM-C/SGLI orbit control or calibration information during routine observation phase (from March 28, 2018). Initial checkout period (until March 28) is not included because various operations were carried out.

Table 1. Result

From(UT)		To(UT)		Duration	Comments
Date	Time	Date	Time		
2020/03/10	06:54:10	2020/03/10	07:34:15	0:40:05	Lunar calibration maneuver.
2020/03/05		2020/03/07			TIR Health check
2020/02/09	18:38:15	2020/02/09	19:18:19	0:40:04	Lunar calibration maneuver
2020/02/07	11:28:04	2020/02/07	18:47:30	7:19:26	Solar diffuser calibration.
2020/01/23	01:00:30	2020/01/26	19:52:04	90:51:34	TIR Health check
2020/01/11	09:43:08	2020/01/11	10:23:12	0:40:04	Lunar calibration maneuver
2019/12/12	19:41:25	2019/12/12	20:21:28	0:40:03	Lunar calibration maneuver
2019/11/12	19:33:52	2019/11/12	20:13:56	0:40:04	Lunar calibration maneuver
2019/11/03	00:01:57	2019/11/06	15:31:56	87:29:59	TIR Health check [Detail: Table2]
2019/10/14	08:52:36	2019/10/14	09:32:40	0:40:04	Lunar calibration maneuver
2019/09/14	12:05:01	2019/09/14	12:45:06	0:40:05	Lunar calibration maneuver
2019/09/02	00:37:10	2019/09/03	00:11:02	23:33:52	TIR Health check [Detail: Table2]
2019/08/16	01:23:26	2019/08/16	02:03:32	0:40:06	Lunar calibration maneuver
2019/08/01	01:20:12	2019/08/05	14:42:33	109:22:21	TIR Health check [Detail: Table2]
2019/07/17	07:59:08	2019/07/17	08:39:15	0:40:07	Lunar calibration maneuver
2019/06/17	21:20:17	2019/06/17	22:00:24	0:40:07	Lunar calibration maneuver
2019/05/20	00:10:27	2019/05/24	03:28:49	99:16:22	TIR Health check
2019/05/19	09:02:07	2019/05/19	09:42:14	0:40:07	Lunar calibration maneuver
2019/05/04	23:19:59	2019/05/04	23:23:01	0:03:02	Delta-V maneuver.
2019/04/20	00:07:05	2019/04/20	00:47:11	0:40:06	Lunar calibration maneuver.

# Information on Product Usage 1



SHIKISAI PORTAL

Earth's rich array of colors from space



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GEE Engineering & Verification

Data Status

LINKS

About us

Japanese

News

2025.6.2

2025.5.7

2025.3.31

This section provides information such as:

- Methods for data acquisition
- Analysis using Google Earth Engine (GEE)

## Data Access & Use Data

TOP > Data Access & Use Data  
SHIKISAI Data Access & Use Data

Download Site Viewer Service Summary Product List

You can download GCOM-C/SQL data from the following sites.

**G-Portal Service**

- **G-Portal**  
This is a common data provision site for JAXA Earth observation satellites.  
You can search and download data via a web browser or download it  
[For more information](#)

**JASMES**

- **JASMES**  
[GCOM-C/SQL Standard data](#) and [GCOM-C/SQL Near-realtime data](#) are available on the FTP site in netCDF format.  
Some data of MODIS and VIIRS are also available.  
JASMES user registration is required to use the FTP site.  
[For more information](#)

**Google Earth Engine**

- **GEE Engineering Verification**

## GEE Engineering Verification page

SHIKISAI PORTAL  
GEE Engineering Verification

SHIKISAI Portal Menu  
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Data List Shikisai Observation Calendar Tutorial Case Studies FAQ Sample Script

**About the Engineering Verification using GEE**

This site is Engineering Verification using Google Earth Engine (GEE).  
For details of how to use GEE data, please refer to [here](#).  
G-Portal standard 250m products are converted to GEE format and published.  
The daily data around Japan are released approximately from the next day after the observation.  
It can be [programmed](#) by registering with [Google Earth Engine \(GEE\)](#).  
Press "Script" for each data.

**What's new**

2024/11/19  
The URL of the FAI monitor and the monitor GEE version will be changed. The details of the changed GEE data URL, please refer to [here](#).  
2024/11/5  
Some changes have been made to the GEE image naming convention. Please see the data list for details.  
2024/3/26  
Renewal of the "Tutorial" section of The GEE Engineering Verification and addition of "Tutorials" and "Use Cases".  
2023/2/28  
The GEE Engineering Verification site was renewed.  
-GCOM-C/SQL-

**Shikisai Observation Calendar**

[Shikisai Observation Calendar](#)

**Data List**

A list of data that can be used as GEE engineering verification.  
See the list page for details and sample scripts.

**Case studies**

A collection of GEE examples of observations at SHIKISAI.  
• [Images from around Japan](#)  
• [Thematic Maps](#)

**FAI / Ibay Monitor**

- GEE Ibay Monitor
- GEE FAI Monitor



# Information on Product Usage 2



## SHIKISAI PORTAL

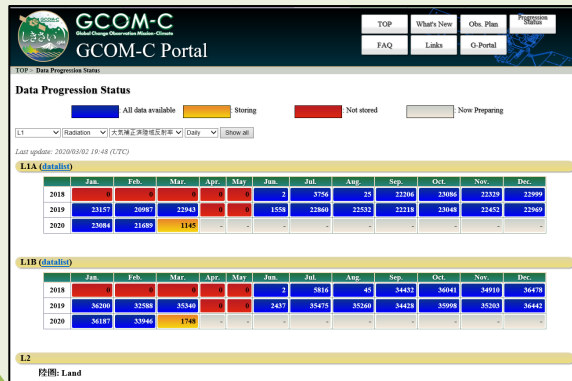
Earth's rich array of colors from space



- Processing and providing status
- Issues to investigate and improve
- Frequently asked questions



## Processing Status



## Known Problems

No.	Problem Description	Product	Status
PROD_0001	データファイルのファイル名が正しくありません	データファイル名 (L1B, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L43, L44, L45, L46, L47, L48, L49, L50, L51, L52, L53, L54, L55, L56, L57, L58, L59, L60, L61, L62, L63, L64, L65, L66, L67, L68, L69, L70, L71, L72, L73, L74, L75, L76, L77, L78, L79, L80, L81, L82, L83, L84, L85, L86, L87, L88, L89, L90, L91, L92, L93, L94, L95, L96, L97, L98, L99, L100)	2020/10/10現在
PROD_0002	データファイルのファイル名が正しくありません	データファイル名 (L1B, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L43, L44, L45, L46, L47, L48, L49, L50, L51, L52, L53, L54, L55, L56, L57, L58, L59, L60, L61, L62, L63, L64, L65, L66, L67, L68, L69, L70, L71, L72, L73, L74, L75, L76, L77, L78, L79, L80, L81, L82, L83, L84, L85, L86, L87, L88, L89, L90, L91, L92, L93, L94, L95, L96, L97, L98, L99, L100)	2020/10/10現在
PROD_0003	データファイルのファイル名が正しくありません	データファイル名 (L1B, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L43, L44, L45, L46, L47, L48, L49, L50, L51, L52, L53, L54, L55, L56, L57, L58, L59, L60, L61, L62, L63, L64, L65, L66, L67, L68, L69, L70, L71, L72, L73, L74, L75, L76, L77, L78, L79, L80, L81, L82, L83, L84, L85, L86, L87, L88, L89, L90, L91, L92, L93, L94, L95, L96, L97, L98, L99, L100)	2020/10/10現在
PROD_0004	データファイルのファイル名が正しくありません	データファイル名 (L1B, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L43, L44, L45, L46, L47, L48, L49, L50, L51, L52, L53, L54, L55, L56, L57, L58, L59, L60, L61, L62, L63, L64, L65, L66, L67, L68, L69, L70, L71, L72, L73, L74, L75, L76, L77, L78, L79, L80, L81, L82, L83, L84, L85, L86, L87, L88, L89, L90, L91, L92, L93, L94, L95, L96, L97, L98, L99, L100)	2020/10/10現在
PROD_0005	データファイルのファイル名が正しくありません	データファイル名 (L1B, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L43, L44, L45, L46, L47, L48, L49, L50, L51, L52, L53, L54, L55, L56, L57, L58, L59, L60, L61, L62, L63, L64, L65, L66, L67, L68, L69, L70, L71, L72, L73, L74, L75, L76, L77, L78, L79, L80, L81, L82, L83, L84, L85, L86, L87, L88, L89, L90, L91, L92, L93, L94, L95, L96, L97, L98, L99, L100)	2020/10/10現在
PROD_0006	データファイルのファイル名が正しくありません	データファイル名 (L1B, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L43, L44, L45, L46, L47, L48, L49, L50, L51, L52, L53, L54, L55, L56, L57, L58, L59, L60, L61, L62, L63, L64, L65, L66, L67, L68, L69, L70, L71, L72, L73, L74, L75, L76, L77, L78, L79, L80, L81, L82, L83, L84, L85, L86, L87, L88, L89, L90, L91, L92, L93, L94, L95, L96, L97, L98, L99, L100)	2020/10/10現在
PROD_0007	データファイルのファイル名が正しくありません	データファイル名 (L1B, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L43, L44, L45, L46, L47, L48, L49, L50, L51, L52, L53, L54, L55, L56, L57, L58, L59, L60, L61, L62, L63, L64, L65, L66, L67, L68, L69, L70, L71, L72, L73, L74, L75, L76, L77, L78, L79, L80, L81, L82, L83, L84, L85, L86, L87, L88, L89, L90, L91, L92, L93, L94, L95, L96, L97, L98, L99, L100)	2020/10/10現在
PROD_0008	データファイルのファイル名が正しくありません	データファイル名 (L1B, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L43, L44, L45, L46, L47, L48, L49, L50, L51, L52, L53, L54, L55, L56, L57, L58, L59, L60, L61, L62, L63, L64, L65, L66, L67, L68, L69, L70, L71, L72, L73, L74, L75, L76, L77, L78, L79, L80, L81, L82, L83, L84, L85, L86, L87, L88, L89, L90, L91, L92, L93, L94, L95, L96, L97, L98, L99, L100)	2020/10/10現在
PROD_0009	データファイルのファイル名が正しくありません	データファイル名 (L1B, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L43, L44, L45, L46, L47, L48, L49, L50, L51, L52, L53, L54, L55, L56, L57, L58, L59, L60, L61, L62, L63, L64, L65, L66, L67, L68, L69, L70, L71, L72, L73, L74, L75, L76, L77, L78, L79, L80, L81, L82, L83, L84, L85, L86, L87, L88, L89, L90, L91, L92, L93, L94, L95, L96, L97, L98, L99, L100)	2020/10/10現在
PROD_0010	データファイルのファイル名が正しくありません	データファイル名 (L1B, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L43, L44, L45, L46, L47, L48, L49, L50, L51, L52, L53, L54, L55, L56, L57, L58, L59, L60, L61, L62, L63, L64, L65, L66, L67, L68, L69, L70, L71, L72, L73, L74, L75, L76, L77, L78, L79, L80, L81, L82, L83, L84, L85, L86, L87, L88, L89, L90, L91, L92, L93, L94, L95, L96, L97, L98, L99, L100)	2020/10/10現在

## FAQ

よくある質問(FAQ)	
全般	
Q	GCOM-Cプロダクトの種類と量を知りたい。
Q	GCOM-Cプロダクトの種類と、取得方法について知りたい。
Q	GCOM-Cプロダクトの地図投影(シーン・タイル・全球)を知りたい。
Q	GCOM-Cプロダクトのファイル名定義を知りたい。
Q	放射輝度プロダクト(L1B, L2, LTOA)の違いを知りたい。
観測	
Q	GCOM-Cの軌道と観測予定を知りたい。
Q	GCOM-C/SGLIが日本を撮影している日・プロダクトを知りたい。
Q	TIRは常時観測ではないのか。

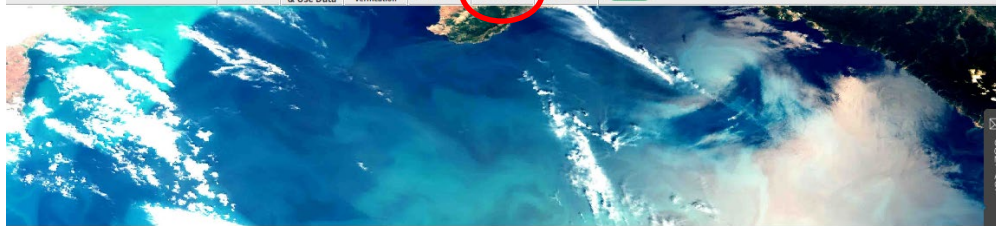
# Other Links



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Earth's rich array of colors from space

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News

Topics

2025.6.2 URL of GEE Engineering Verification has changed.  
2025.5.7 "Data Access & Use Data" has been renewed.  
2025.3.31 "Tile Number Check" released.

- Research and Development (Product, Process Flow, CAL/VAL etc.)
- Documents (matrix for conference etc.)
- Sample Images (Use Case etc.)

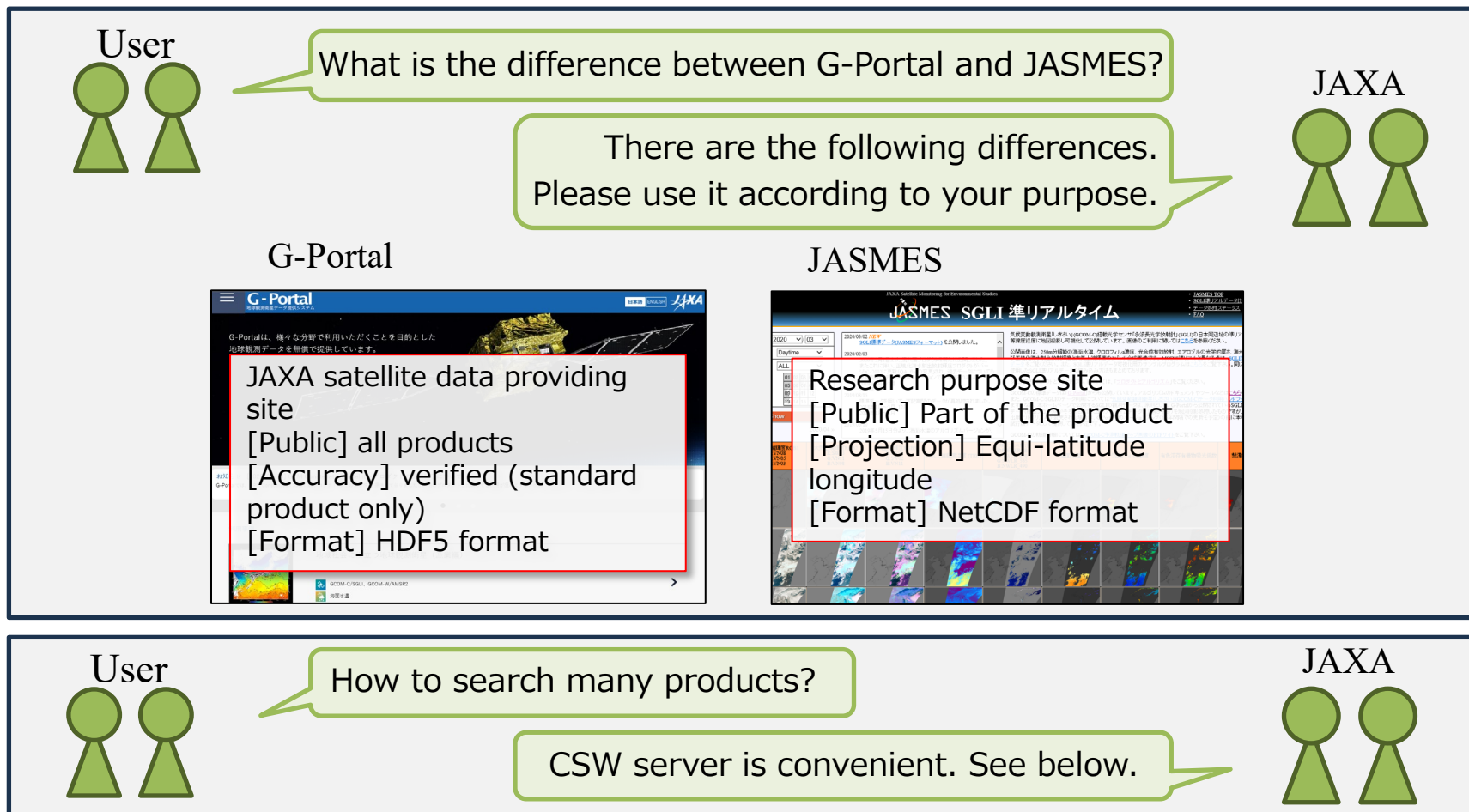
## R&D

## Documents

## Samples



# Information Example



We will continue to enhance the posted information and FAQs based on user inquiries.  
If you encounter any issues, please feel free to contact us.