

# **An introduction to the new information sharing tool - SATAID forums -**

7<sup>th</sup> December 2016

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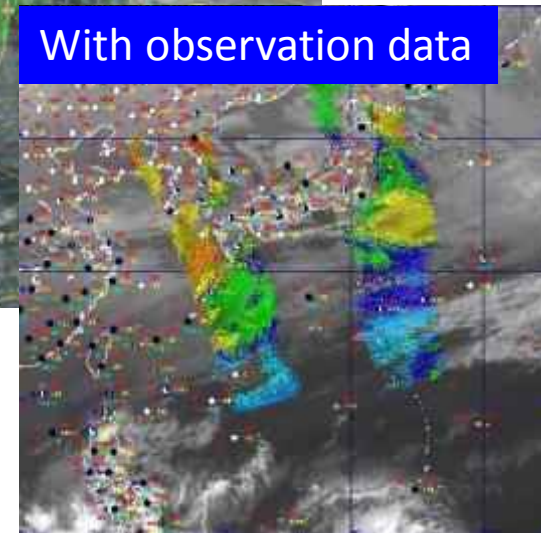
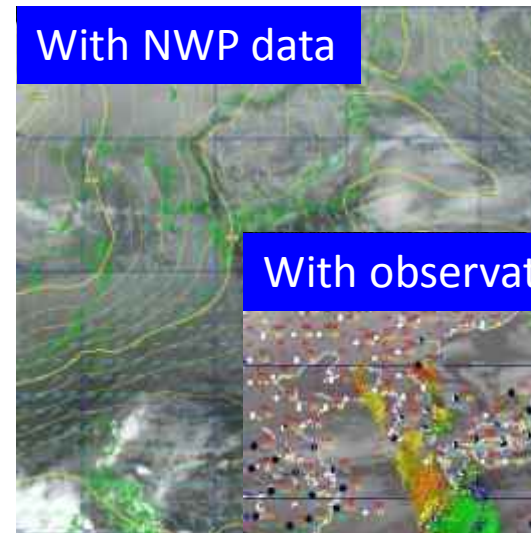
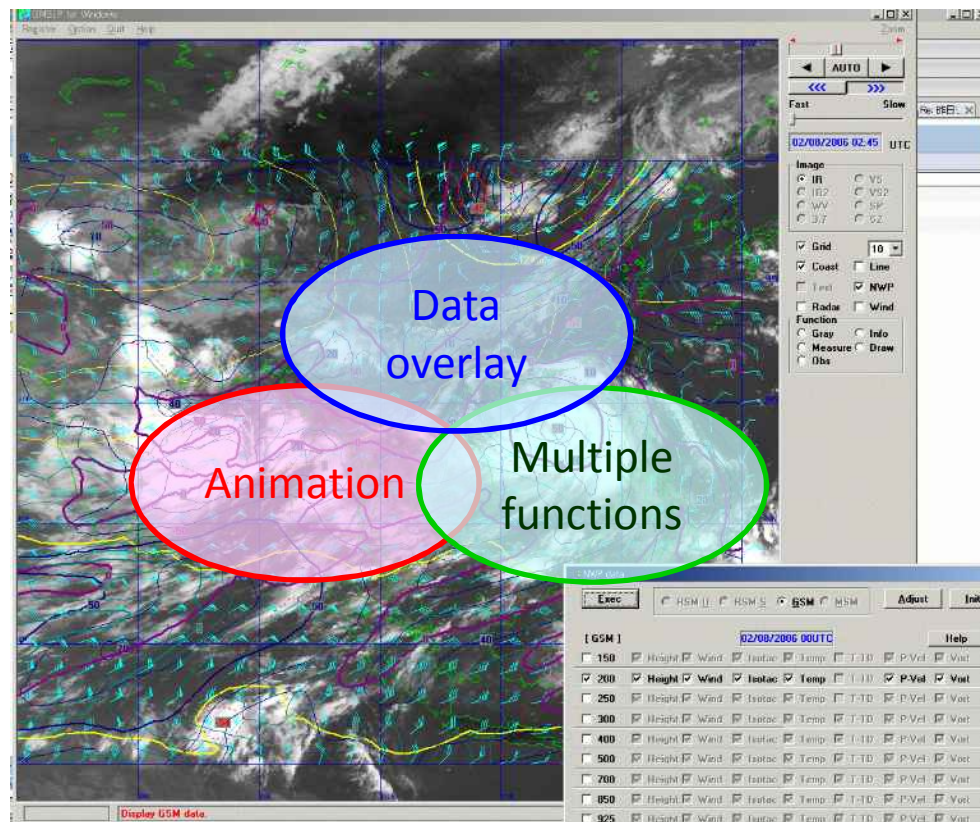
# Contents

1. What is **SATAID**?
2. Benefits of **SATAID** forum
3. How to use **SATAID** forum

# 1. What is **SATAID**?

# What is SATAID? (Satellite Animation and Interactive Diagnosis)

SATAID is a sophisticated display program developed by the Meteorological Satellite Center of JMA, that enables the use of a wide range of meteorological data with satellite imagery. This program helps the forecasters to continually analyze and monitor weather parameters and phenomena for improved meteorological services.



# What is **SATAID**? – SATAID functions -

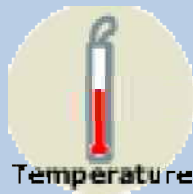
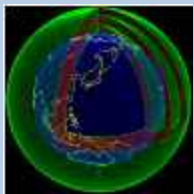
## 1. Displaying and Controlling Satellite image

- Selecting 7 Satellite images(VIS,IR etc)  
NC, NW,SC,SE,**EC**,**WC**,**FD**
- Controlling Satellite image animation
- Zooming in/out
- Displaying RGB images
- Displaying Coast/Grid lines



## 2. Displaying the NWP/observation data

- Displaying NWP/SST data
- Changing elements/colors
- Displaying SYNOP/SHIP/TEMP data
- Adjusting gradation and enhancing color

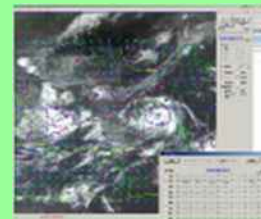


## 3. Data Evaluation

- Brightness temperature evaluation
- Cloud movement evaluation
- Time-series evaluation
- Cross-sectional evaluation
- Histograms
- Isolines

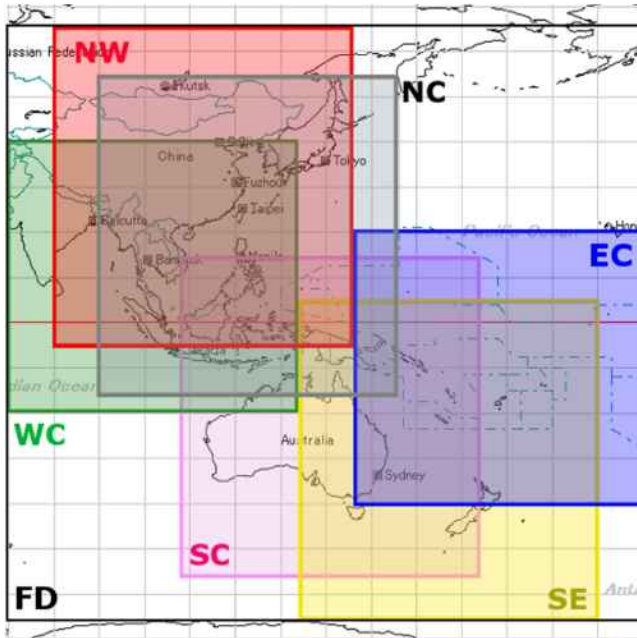
## 4. Other functions

- Save satellite images and observation data
- Put your analysis and comments using draw/edit function



It is useful

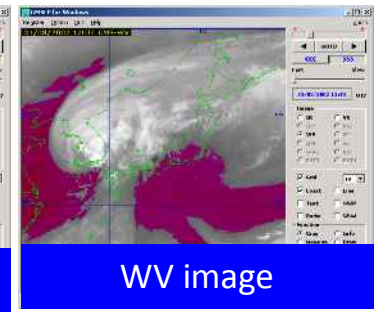
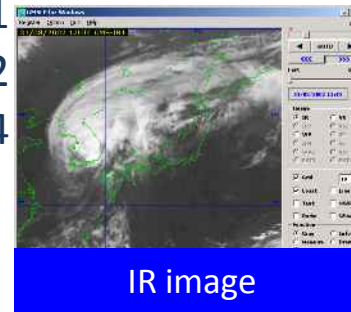
# What is SATAID? - Satellite images -



Data set of seven areas are provided in SATAID service. You can select area name from SATAID application menu bar when you download data.

Data of each area includes some channel data

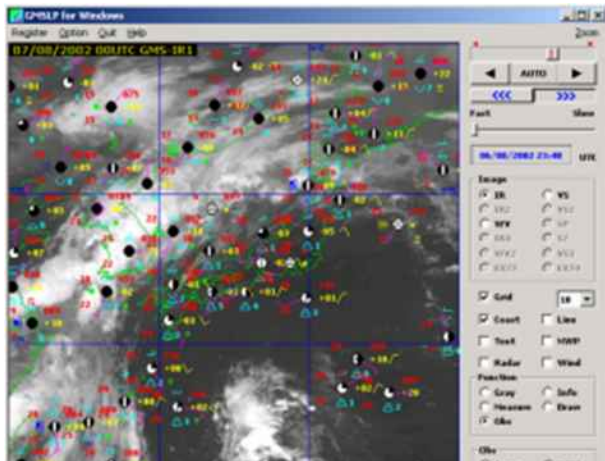
1. Infrared channel – 1
2. Infrared channel – 2
3. Infrared channel – 4
4. Visible imagery
5. Water Vapor



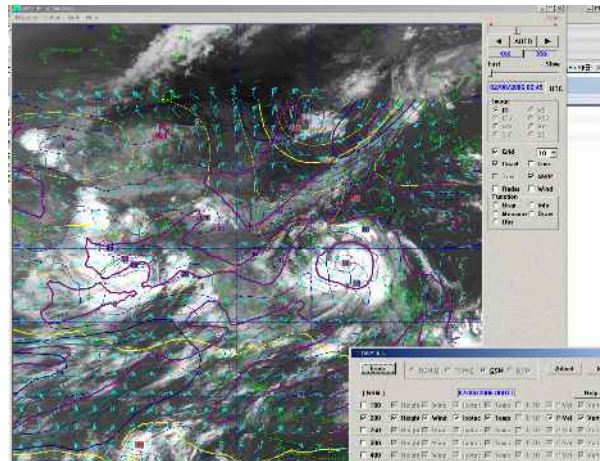
Abbr.	Area Name	Latitude	Longitude	Sum of Size
NC	North Central	55N-15S	90E-155E	2.3GB/3day
NW	Northwest	65N-5S	80E-145E	2.1GB/3day
SC	South Central	15N-55S	107.5E-172.5E	2.2GB/3day
SE	Southeast	6N-65S	135E-200E	2.1GB/3day
EC	East Central	20N-40S	145E-210E	1.9GB/3day
WC	West Central	40N-20S	70E-135E	2.0GB/3day
FD	Full Domain	65N-65S	70E-210E	9.7GB/3day

New areas

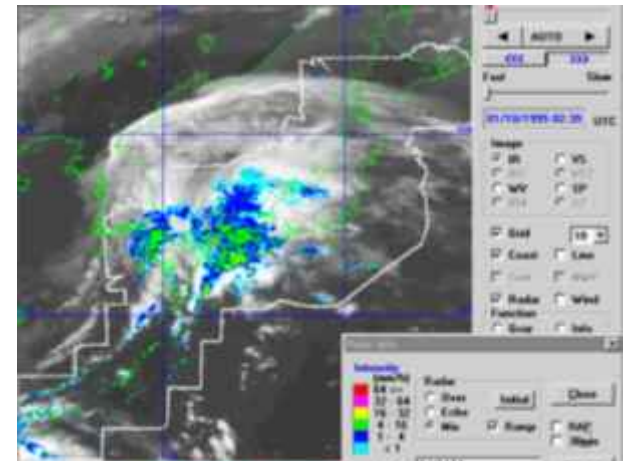
# What is **SATAID**? - Observation, NWP and RADAR -



Example of displayed satellite image  
- with observation data -



Example of displayed satellite image  
- with NWP -



Example of displayed satellite image  
- with RADAR -

Observation data	
SYNOP	Interval : hourly
	120-160KB/file (map time), 40-70KB/file (other)
SHIP	Interval : hourly
	20-50KB/file
TEMP (A,B)	Interval : Basically 12hour/day
	120KB/file
METAR	Interval : hourly
	200-270KB/file

NWP(Numerical Weather Prediction) Products	
Resolution	1.25 x 1.25 deg
Forecast hour	up to 48 hours
Initial time	00, 06, 12, 18 UTC
Interval	4 times/day (around 04, 10, 16, 22 UTC)
Size	4 MB/file
	15 MB/file (Full Domain)

If you want to get more information,  
Please visit our web site.  
<http://www.wis-jma.go.jp/cms/sataid/>



## 2. Benefits of **SATAID** forum



## Benefits of a discussion forum

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The SATAID application comes in handy when I analyze weather parameters/phenomena.

However, it has many functions.  
How do I learn SATAID service/application?  
Should I ask JMA by email? What else can I do?

Can I do anything for you?  
We are developing the information sharing tool,  
which is the online discussion forum.  
You can access to it anytime/anywhere via the Internet.



## Benefits of a discussion forum

### 1. Online learning

Personal responses to forum topics are not limited in time or the length.

Users have the freedom to continue dialogues about the topics that interested them most.

### 2. Flexibility and convenience

SATAID forum is available at all times of day or night. It is accessible from the internet connection via world wide web.

The forum discussion occurs completely online, users have the flexibility to add their input when they are prepared. Some choose to answer questions immediately.

### 3. Get different perspective

Users can learn about the SATAID from a different perspective.

### 4. Make relationships

Relationships can easily be made between users through active comments and posts.



Forum user can chose interesting topics,  
Of course you can post/read them.



In order to use the SATAID forum,  
You need to get forum ID and  
access to the Internet.

### 3. How to use **SATAID** forum?

# How to use **SATAID** forum – How to log in -

SATAID forum

The screenshot shows the SATAID Forum login page. The header includes the forum logo and navigation links: "About this forum", "Email subscription service", and "Room". The main content area is titled "About this forum" and contains a list of bullet points. On the right side, there is a login form with three input fields: "Username:", "Password:", and "CAPTCHA Code:". A green "LOG IN" button is located below the form. A "Remember Me" checkbox is also present. A "Lost Password" link is located below the "LOG IN" button. Red lines and ovals highlight the input fields, with labels "User ID", "Password", and "CAPTCHA Code" pointing to them. The CAPTCHA image shows the code "ESN9".

Username:

Password:

Remember Me

ESN9

CAPTCHA Code

LOG IN

Lost Password

Proudly powered by WordPress | Theme: quest by Face Themes.

A CAPTCHA is a type of challenge response test used in computing to determine whether or not the user is human. please type the CAPTCHA code.  
In this case, CAPTCHA code is "ESN9".

# How to use **SATAID** forum – SATAID forum menu -

## About this forum

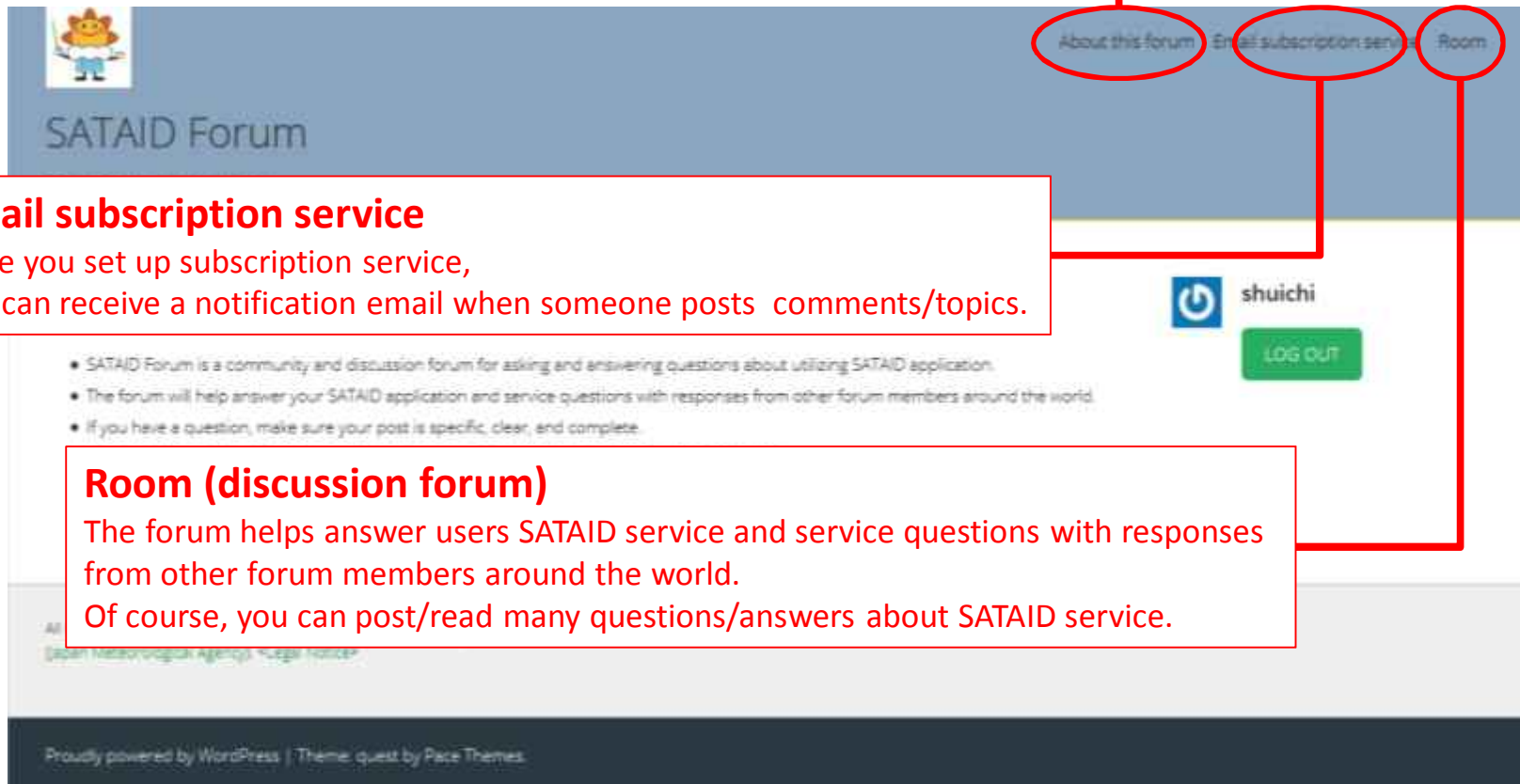
You can see information about SATAID forum

## Email subscription service

Once you set up subscription service,  
You can receive a notification email when someone posts comments/topics.

## Room (discussion forum)

The forum helps answer users SATAID service and service questions with responses from other forum members around the world.  
Of course, you can post/read many questions/answers about SATAID service.



# How to use SATAID forum – How to set email subscription service -

The image shows a screenshot of the SATAID forum's email subscription service interface. The page is titled "Email subscription service" and includes a "Subscribe Page" button. Below this, there are "Notification Settings" and "Subscribed Categories on SATAID Forum" sections. The "Notification Settings" section includes options for "Receive email as:" (HTML - Full, HTML - Excerpt, Plain Text - Full, Plain Text - Excerpt) and "Automatically subscribe me to newly created categories:" (Yes, No). The "Subscribed Categories on SATAID Forum" section includes a "Select / Unselect All" checkbox, an "Uncategorized" checkbox, and an "Update Preferences >" button. The "Subscribed Blogs" section includes a "SATAID Forum" link and another "Update Preferences >" button. Red circles and lines highlight these key elements, with text boxes providing instructions.

When you want to receive a notification mail from SATAID forum, Please click "Subscribe Page"

You can chose the notification email format

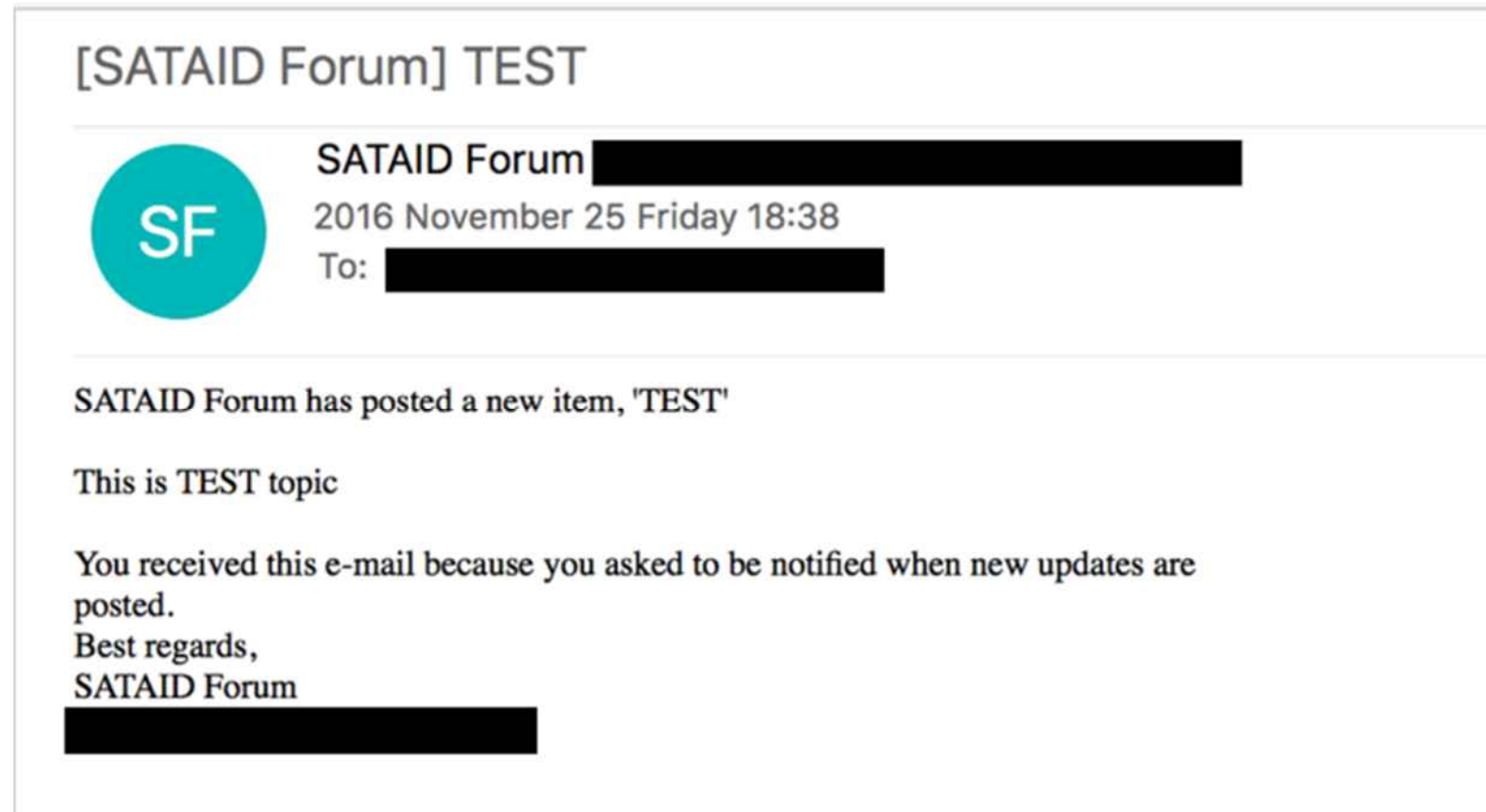
When you want to stop receiving the notification email, please click "Unsubscribe me from this blog" and "Update Preferences"

Please click "Subscribe categories" button or categories which you want to subscribe After that click "Update Preferences" button

# How to use **SATAID** forum – How to set email subscription service -

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This is an example of SATAID notification mail



# How to use **SATAID** forum – How to write/read topics -

The screenshot shows the SATAID Forum interface. At the top left is a logo of a smiling sun character. The main header reads 'SATAID Forum' and 'PROVIDED BY DCPCS OF JMA.'. On the top right, there are links for 'About this forum' and 'Email subscription service'. Below the header, the word 'Room' is displayed. A red-bordered box contains the text: 'When you want to post/read topics, please click "Room". Please select topics which you want to see.' Below this, there is a breadcrumb trail: 'About this forum > Forums > Room'. A table lists forum topics with columns for 'Forum', 'Topics', 'Posts', and 'Freshness'. The 'Training' forum is circled in red. At the bottom left, a user profile for 'shuichi' is shown with a 'LOG OUT' button. At the bottom right, there is a copyright notice: 'All Rights Reserved, Copyright © [2016] WIS Portal - GISC Tokyo (Japan Meteorological Agency). <Legal Notice>'. The footer states 'Proudly powered by WordPress | Theme: quest by Pace Themes.'

Forum	Topics	Posts	Freshness
Training	0	0	No Topics



# How to use **SATAID** forum – How to write/read topics -

The screenshot shows the 'Training' forum page. At the top, it says 'This forum contains 1 topic, and was last updated by anuchi 10 seconds ago'. Below this is a table with columns for 'Topic', 'Voices', 'Posts', and 'Freshness'. A single topic titled 'TEST' is listed, started by 'anuchi' 5 seconds ago. Below the table is a 'Create New Topic in Training' form. The form has a 'Topic Title (Maximum 100 characters)' field and a large text area for the message. A red box highlights the title field with the text 'Please type title and messages'. Another red box highlights the message text area with the text '<notice> Maximum file size is 512KB and you can attach up to 4 files.' Below the form, there are instructions on how to use HTML tags and an 'Attachments' section with a file selection button.

Topic	Voices	Posts	Freshness
TEST Started by anuchi	0	1	5 seconds ago anuchi

Please type title and messages

<notice>  
Maximum file size is 512KB and you can attach up to 4 files.

# How to use **SATAID** forum – How to write/read topics -

TEST

About this forum / Forums / Topics / TEST

This topic contains 0 replies, has 1 voice, and was last updated by shuichi 10 minutes ago.

Viewing 1 post (of 1 total)

Author	Posts
shuichi	This is TEST topic

November 25, 2016 at 9:58 am

Reply To: TEST

Please type messages

<notice>  
Maximum file size is 512KB and you can attach up to 4 files.

Attachments  
添付... ファイルが選択されていません。

# Summary

- JMA will provide an online discussion forum to the SATAID users via the Internet.
- It is under development. We have not decided when the forum will open.
- We are planning to allow current GISC Tokyo users to use this forum.
- We will inform GISC Tokyo users about SATAID forum, when we are ready.

**SATAID forum is coming soon**

**Thank you for your time**