



# EOR and Emergency Observation Response Procedure

**Joint Project Team Meeting (JPTM) in Hanoi, Vietnam**

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# Purpose of EOR

(Depends on Procedure of Emergency Observation Request)



1. EOR is to appropriately and efficiently communicate the type, time and location of a disaster event, to allow an assessment of how the Sentinel Asia framework can best support in terms of disaster assessment and response planning, and to activate supporting agencies as required.
2. It is one of appeal from the disaster-affected country for the international assistance, and is the fundamental instrument which the Sentinel Asia framework is executed.

# Our role in Sentinel Asia





# EOR procedures

- The default method for the initiation of an EOR for Request Organization(RO) is to complete the online form at:

<https://sentinel.tksc.jaxa.jp/>

The screenshot shows the Sentinel Asia website interface. At the top left is the "Sentinel Asia" logo. To the right of the logo is a navigation menu with items: HOME, Announce, About Sentinel Asia, JPT Member, FAQ, Contact US, Links, and Site Policy. In the top right corner, there is a user login area with "UserID" (value: adrc0001) and "password" (masked with dots). Below the navigation menu is a sidebar with "WEB GIS" and a list of services: Emergency Observation, Wildfire Monitoring, Flood Monitoring, MTSAT Imagery, Capacity Building, and Library. The main content area is titled "Document and Archives" and contains three sections: 1. "Emergency Observation Request" with a link to "Request form" dated [28 Oct 2015]. 2. "Request for proposal concerning utilization of Regional Server / Client Terminal using WINDS in Sentinel Asia Step2 system" with links to "Request for Proposal" [05 Aug 2009] and "Application form" [05 Aug 2009]. 3. "Sentinel Asia Step3" with links to "Terms of Reference" [29 Jul 2016] and "Implementation Plan" [11 Apr 2013]. A red box highlights the "Emergency Observation Request" section and the "Library" link in the sidebar.



# Current EOR FORM

**SENTINEL ASIA  
EMERGENCY OBSERVATION REQUEST (EOR) FORM (1/2)**

Requester (your name and organization)

Your name: \_\_\_\_\_

Your organization: \_\_\_\_\_  
Membership:  JPT member  ADRC member

Your phone: \_\_\_\_\_

Your cellular phone: \_\_\_\_\_

Your fax: \_\_\_\_\_

Your E-mail: \_\_\_\_\_

Other E-mail(s) for notification: \_\_\_\_\_

**Contact Person**  
\* Fill in below in case different

Name: \_\_\_\_\_

Organization: \_\_\_\_\_

Phone: \_\_\_\_\_

Cellular phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Other E-mail(s) for notification: \_\_\_\_\_

**Disaster Management**  
ADRC is the first point of contact in the Sentinel Asia EO Management Organizations (DMOs) is quite essential to judges the Sentinel Asia framework is suitable to assist, contact with DMOs. Please provide following information

Organization Name: \_\_\_\_\_

E-mail: \_\_\_\_\_

Other relevant information: \_\_\_\_\_

**Planned end-user of the information**  
Please provide us information, to the best of your knowledge (Management Organization), agency, or community will use questions to concerned organization, if needed...

The information/image shall be used only for \_\_\_\_\_  
Please state your role in the organization during \_\_\_\_\_

The information will be provided to other relevant \_\_\_\_\_  
Please fill in the name of the organization( ) \_\_\_\_\_

**Purpose of the information**  
How does your organization intend to use the information?

Emergency Response ( Situation confirm activity,  Others( ) \_\_\_\_\_)

-----

Damage and Loss Assessment (Data) / Post Disaster Recovery Planning

Detection of an advance warning of hazardous \_\_\_\_\_

Others( ) \_\_\_\_\_

**Type of Disaster**

Flood  Landslide  Storm  
 Volcano  Earthquake  Ice  
 Other( ) \_\_\_\_\_

**SENTINEL ASIA  
EMERGENCY OBSERVATION REQUEST (EOR) FORM (2/2)**

Time limit for information to be uploaded on the SA WEB-portal.

Less than 24 hours  Not exceed 4 days  Not exceed 10 days

Others: \_\_\_\_\_

\* Based on the expected time limit, there might be cases where the delivery of information will be difficult to meet or the product to be delivered is assessed to be not enough at a given time. In such cases, we may not trigger Sentinel Asia.

Date and time(UTC): \_\_\_\_\_

Date of Occurrence: \_\_\_\_\_

Details, news source: \_\_\_\_\_

Place of occurrence

Country: \_\_\_\_\_

Request area

Name of a place: \_\_\_\_\_

Circular zone

Coordinates of center point

Latitude: \_\_\_\_\_ N  
Longitude: \_\_\_\_\_ E  
Radius: \_\_\_\_\_ km

Please select one

Rectangular zone

Coordinates of corners

Lat.: \_\_\_\_\_ N  
Lon.: \_\_\_\_\_ E  
Lat.: \_\_\_\_\_ N  
Lon.: \_\_\_\_\_ E

**Necessity for Additional Observation**

Necessary  Not necessary  Don't know

The requesting organization (RO) may further ask whether to elevate this Emergency Observation Request (EOR) to International Charter for Space and Major Disasters (ICD) when secretariat confirms its appropriateness. If RO wishes to elevate to IDC, please check the box on the right.

YES  NO

Please send the completed form to ADRC.  
(Fax) +81-78-262-5546 or (E-mail) sarequest@adrc.asia

Request ID: \_\_\_\_\_  
(ICD OR ICDR OF ADRC)

Requester information

Sent to ADRC  
by Email  
sarequest@adrc.asia

Detailed Disaster  
information in  
affected area

# SA Web-site



The screenshot displays the 'Emergency Obs. Request List' interface. On the left sidebar, the 'Emergency Obs. Request' menu item is highlighted with a red box. The main content area features a 'Register' button at the top, also highlighted in red. Below this is a form for entering request information, including fields for Emergency Obs. ID, Occurrence Date (UTC), Organization, Country, Disaster Type, and GLIDE Number. A detailed 'Location' section allows for rectangular or round coordinates. At the bottom of the form, another 'Register' button is highlighted in red.

Login



Emergency Obs. Request



input the information of the EOR sheet



Register



# New EOR FORM (PLAN)-1

- Addition1: Contact Person, Disaster Management Organization
- Addition2:Planned end-user of the observed information
- Addition3:Purpose of the Request
- Addition4:Time limit for information to be uploaded the SA WEB-portal
- Addition5:Necessity for Additional Observation

# New EOR FORM (PLAN)-2



SENTINEL ASIA EMERGENCY OBSERVATION REQUEST (EOR) FORM ( 1/2)	
Requester (your name and organization)	
Your name	
Your organization	Membership: <input type="checkbox"/> JPT member <input type="checkbox"/> ADRC member
Your phone	
Your cellular phone	
Your fax	
Your E-mail	
Other E-mail(s) for notification	
Contact Person ※ Fill in below in case different from the Requester	
Name	
Organization	
Phone	
Cellular phone	
E-mail	
Other E-mail(s) for notification	
Disaster Management Organization	
ADRC, Secretariat of the Sentinel Asia has been collecting local information in cooperation with Disaster Management Organization to carry out effective observation and assess whether a satellite image is useful for the disaster management. Please provide us information, to the best of your knowledge, about the Disaster Management Organization.	
Organization Name	
E-mail	
Other relevant information	
Planned end-user of the observed information	
Please provide us information, to the best of your knowledge, as to which organization (e.g. Disaster Management Organization), agency, or community will utilize the satellite image. ADRC may ask some questions to concerned organization, if needed.	
<input type="checkbox"/> The information/image shall be used only for our organization Please state your role in the organization during disaster response( )	
<input type="checkbox"/> The information will be provided to other relevant organization/s. Please fill in the name of the organization( )	
Purpose of the Request How does your organization intend to use the satellite data?	
<input type="checkbox"/> Emergency Response ( <input type="checkbox"/> Situation confirmation, <input type="checkbox"/> Rescue activity, <input type="checkbox"/> Evacuation activity, <input type="checkbox"/> Others( )	
<input type="checkbox"/> Damage and Loss Assessment(DaLA)/Post Disaster Needs Assessment(PDNA)	
<input type="checkbox"/> Recovery Planning	
<input type="checkbox"/> Detection of an advance warning of hazardous situation	
<input type="checkbox"/> Others( )	
Type of Disaster	
<input type="checkbox"/> Flood	<input type="checkbox"/> Landslide
<input type="checkbox"/> Volcano	<input type="checkbox"/> Earthquake
<input type="checkbox"/> Other( )	<input type="checkbox"/> Storm
	<input type="checkbox"/> Forest fire
	<input type="checkbox"/> Ice hazard
	<input type="checkbox"/> Tsunami

SENTINEL ASIA EMERGENCY OBSERVATION REQUEST (EOR) FORM ( 2/2)	
Time limit for information to be uploaded on the SA WEB-portal	
<input type="checkbox"/> Less than 24 hours <input type="checkbox"/> Not exceed 4 days <input type="checkbox"/> Not exceed 10 days	
<input type="checkbox"/> Others: ※ Based on the expected time limit, there might be cases where the delivery of information will be difficult to meet or the product to be delivered is assessed to be not enough at a given time. In such cases, we may not trigger Sentinel Asia.	
Date of Occurrence	
Date and time(UTC)	
Details, news source	
Place of occurrence	
Country	
Request area	
Name of a place	
Coordinates of center point	
<input type="checkbox"/> Circular zone	Latitude : <input type="text"/> <input type="text"/> <input type="text"/> N Longitude : <input type="text"/> <input type="text"/> <input type="text"/> E Radius : <input type="text"/> km
Please select one	Coordinates of corners
<input type="checkbox"/> Rectang zone	Lat.: <input type="text"/> <input type="text"/> <input type="text"/> N Lon.: <input type="text"/> <input type="text"/> <input type="text"/> E Lat.: <input type="text"/> <input type="text"/> <input type="text"/> N Lon.: <input type="text"/> <input type="text"/> <input type="text"/> E
Necessity for Additional Observation	
<input type="checkbox"/> Necessary <input type="checkbox"/> Not necessary <input type="checkbox"/> Don't know	
The requesting organization (RO) may further ask whether to elevate this Emergency Observation Request (EOR) to International Charter for Space and Major Disasters (ICD) when secretariat confirms its appropriateness. If RO wishes to elevate to ICD, please check the box on the right.	
	Elevate <input type="checkbox"/>
Please send the completed form to ADRC (Fax) +81-78-262-6546 or (E-mail) <a href="mailto:sarequest@adrc.asia">sarequest@adrc.asia</a>	
Request ID (To be filled by ADRC)	<input type="text"/>

Additional input item





# New FORM Addition1

SENTINEL ASIA EMERGENCY OBSERVATION REQUEST (EOR) FORM (1/2)	
<b>Requester (your name and organization)</b>	
Your name	
Your organization	Membership: <input type="checkbox"/> JPT member <input type="checkbox"/> ADRC member
Your phone	
Your cellular phone	
Your fax	
Your E-mail	
Other E-mail(s) for notification	
<b>Contact Person</b>	
※ Fill in below in case different from the Requester	
Name	
Organization	
Phone	
Cellular phone	
E-mail	
Other E-mail(s) for notification	
<b>Disaster Management Organization</b>	
ADRC is the first point of contact in the Sentinel Asia EOR process. Local information by Disaster Management Organizations (DMOs) is quite essential to undertake the first evaluation of an EOR and judges the Sentinel Asia framework is suitable to assist. To proceed the EOR process, ADRC may contact with DMOs. Please provide following information.	
Organization Name	
E-mail	
Other relevant information	

Requester  
(There is no change)

Contact Person

Disaster Management Organization

# New FORM Addition2

## Planned end-user of the observed information

Please provide us information, to the best of your knowledge, as to which organization (e.g. Disaster Management Organization), agency, or community will utilize the satellite image. ADRC may ask some questions to concerned organization, if needed.

**The information/image shall be used only for our organization**

**Please state your role in the organization during disaster response(**

)

**The information will be provided to other relevant organization/s.**

**Please fill in the name of the organization(**

)

# New FORM Addition3

## Purpose of the Request

How does your organization intend to use the satellite data?

Emergency Response (  Situation confirmation,  Rescue activity,  Evacuation activity ,  Others(

))

Damage and Loss Assessment(DaLA)/Post Disaster Needs Assessment(PDNA)  
 Recovery Planning  
 Detection of an advance warning of hazardous situation  
 Others( )

# New FORM Addition4, 5

## Time limit for information to be uploaded on the SA WEB-portal

Less than 24 hours       Not exceed 4 days       Not exceed 10 days

Others:

※ Based on the expected time limit, there might be cases where the delivery of information will be difficult to meet or the product to be delivered is assessed to be not enough at a given time. In such cases, we may not trigger Sentinel Asia.




## Necessity for Additional Observation

Necessary       Not necessary       Don't known

# EOR from MARD (Flood, Oct 2016)



SENTINEL ASIA EMERGENCY OBSERVATION REQUEST (EOR) FORM (1/2)	
Requester (your name and organization)	
Your name	Bui Quang Huy
Your organization	Disaster Management Center
	Membership: <input checked="" type="checkbox"/> JPT member <input type="checkbox"/> ADRC member
Your phone	+84-436291511
Your cellular phone	+ 84 915246874
Your fax	+84-437336647
Your E-mail	buiquanghuy.pctt@gmail.com
Other E-mail(s) for notification	inforgeomatics.dmc@gmail.com
Contact Person	
※Fill in below in case different from the Requester	
Name	Same as above
Organization	
Phone	
Cellular phone	
E-mail	
Other E-mail(s) for notification	
Disaster Management Organization	
ADRC is the first point of contact in the Sentinel Asia EOR process. Local information by Disaster Management Organizations (DMOs) is quite essential to undertake the first evaluation of an EOR and judges the Sentinel Asia framework is suitable to assist. To proceed the EOR process, ADRC may contact with DMOs. Please provide following information.	
Organization Name	Disaster Management Center (DMC), Vietnam
E-mail	buiquanghuy.pctt@gmail.com
Other relevant information	inforgeomatics.dmc@gmail.com
Planned end-user of the observed information	
Please provide us information, to the best of your knowledge, as to which organization (e.g. Disaster Management Organization), agency, or community will utilize the satellite image. ADRC may ask some questions to concerned organization, if needed.	
<input type="checkbox"/> The information/image shall be used only for our organization	
Please state your role in the organization during disaster response( )	
<input checked="" type="checkbox"/> The information will be provided to other relevant organization/s.	
Please fill in the name of the organization (The info/analysis would be provided to NDMA and PDMA for operational use in the aftermath of landslide)	
Purpose of the Request	
How does your organization intend to use the satellite data?	
<input checked="" type="checkbox"/> Emergency Response ( <input type="checkbox"/> Situation confirmation, <input type="checkbox"/> Rescue activity, <input type="checkbox"/> Evacuation activity, <input type="checkbox"/> Others )	
<input checked="" type="checkbox"/> Damage and Loss Assessment(DaLA)/Post Disaster Needs Assessment(PDNA)	
<input type="checkbox"/> Recovery Planning	
<input checked="" type="checkbox"/> Detection of an advance warning of hazardous situation	
<input type="checkbox"/> Others( )	
Type of Disaster	
<input checked="" type="checkbox"/> Flood	<input type="checkbox"/> Landslide
<input type="checkbox"/> Volcano	<input type="checkbox"/> Earthquake
<input type="checkbox"/> Storm	<input type="checkbox"/> Ice hazard
<input type="checkbox"/> Forest fire	<input type="checkbox"/> Tsunami
<input type="checkbox"/> Other( Drought, especial is Salt Intrusion )	

SENTINEL ASIA EMERGENCY OBSERVATION REQUEST (EOR) FORM (2/2)	
Time limit for information to be uploaded on the SA WEB-portal	
<input type="checkbox"/> Less than 24 hours <input type="checkbox"/> Not exceed 4 days <input checked="" type="checkbox"/> Not exceed 10 days	
<input type="checkbox"/> Others:	
※Based on the expected time limit, there might be cases where the delivery of information will be difficult to meet or the product to be delivered is assessed to be not enough at a given time. In such cases, we may not trigger Sentinel Asia.	
Date of Occurrence	
Date and time(UTC)	From 28 October 2016 to 05 November 2016 (MORNING)
Details, news source	
<a href="http://phongchongthientai.vn/default.aspx">http://phongchongthientai.vn/default.aspx</a>	
<a href="http://www.nchmf.gov.vn/web/vi-VN/104/51/31170/Default.aspx">http://www.nchmf.gov.vn/web/vi-VN/104/51/31170/Default.aspx</a>	
Serious flooding occurred in the districts of Huong Son, Huong Khe and Vu Quang, Cam Xuyen, Duc Tho (Ha Tinh province); Minh Hoa and Tuyen Hoa, Bo Trach, Quang Trach and Ba Don Town, Le Thuy (Quang Binh)	
Water depth: about 1-2,5m.	
Warning level of River flood: 2-3 (Max: 3)	
Place of occurrence	
Country	Viet Nam
Request area	
Name of a place	North Central Coast
Please select one	Coordinates of center point: 1
	 Latitude : 17.721701 Longitude : 106.139239 Radius : 45 km
	<input checked="" type="checkbox"/> Circular Zone
Aol-I	Coordinates of center point: 2
	 Latitude : 17.113061 Longitude : 106.724280 Radius : 20 km
	<input type="checkbox"/> Aol-I
Aol-II	Coordinates of center point: 3
	 Latitude : 18.307299 Longitude : 105.525152
	<input type="checkbox"/> Aol-II
Necessity for Additional Observation	
<input type="checkbox"/> Necessary <input type="checkbox"/> Not necessary <input checked="" type="checkbox"/> Don't known	
<input type="checkbox"/> Rectangular Zone	The requesting organization (RO) may further ask whether to elevate this Emergency Observation Request (EOR) to International Charter for Space and Major Disasters (ICD) when secretariat confirms its appropriateness. If RO wishes to elevate to IDC, please check the box on the right.
<input type="checkbox"/> Aol-II	
Please send the completed form to ADRC (Fax) +81-78-262-5546 or (E-mail) sarequest@adrc.asia	
Request ID (To be filled by ADRC)	
Elevate	NO



***Thank you for your attention***