Performance of Sentinel Asia and importance of the Feedback

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Recovery rate of the questionnaire 2008 - 2014

	Send	Reply	Recovery rate
2008	13	4	30.8%
2009	18	5	27.8%
2010	34	6	17.6%
2011	31	3	9.7%
2012	19	7	36.8%
2013	17	3	17.6%
2014	10	4	40.0%

※This presentation use rply of 2013-14

Feedback Questionnaire of Emergency Observation Request

Asian Disaster Reduction Center (ADRC)

Introduction

Thank you for your emergency observation request in Sentinel Asia.

In order to contribute to future work, it is important to your opinion. Please answer the questionnaire with your cooperation. And, information of achievements and issues that have been provided from you is the food for our activities. Thank you for your cooperation.

To be completed by ADRC

Emergency Observation (Type of disaster, Country [Region]) :	
Satellite :	
Products provided from DAN and CHARTER :	
DATES sent the questionnaire :	
Deadline of the questionnaire :	

A. Response time

Please choose your impressions about the response time from taking out EOR.

If you obtained the multiple type satellite data, do you answer about which satellite data?

Please check the following.

[   ] First available data   [   ] Data actually utilized

1. Between EOR and ADRC's response: [   ] days   ← to be completed by ADRC

1.	2.	3.	4.
Very unsatisfactory.	Unsatisfactory.	Fairly satisfactory	Very satisfactory

2. Between EOR and the receipt of satellite data: [   ] days   ← to be completed by ADRC

1	2	3	4
Very unsatisfactory	Unsatisfactory	Fairly satisfactory	Very satisfactory

3. Between EOR and the receipt of analytical results: [   ] days   ← to be completed by ADRC

1	2	3	4
Very unsatisfactory	Unsatisfactory	Fairly satisfactory	Very satisfactory

B. Processing and analysis of satellite data

If your organization processed and analyzed the data itself, please answer the following.

1. Please provide feedback regarding the quality of the images provided.

[Name of satellite:　　　] ← to be completed by ADRC

Image resolution

1	2	3	4
Very unsatisfactory	Unsatisfactory	Fairly satisfactory	Very satisfactory

Image quality

1	2	3	4
Very unsatisfactory	Unsatisfactory	Fairly satisfactory	Very satisfactory

Positional accuracy

1	2	3	4
Very unsatisfactory	Unsatisfactory	Fairly satisfactory	Very satisfactory

Range of observations

1	2	3	4
Very unsatisfactory	Unsatisfactory	Fairly satisfactory	Very satisfactory

Appropriateness of the sensor

1	2	3	4
Very unsatisfactory	Unsatisfactory	Fairly satisfactory	Very satisfactory

2. Please answer what you use the satellite provided by the sentinel Asia.

Did you or another section create thematic maps with geographical information using satellite images? (Yes/ No)
If yes, please attach the maps and explain the method.

 Did you or another section create disaster area maps by interpretation and/or analysis of the imageries? (Yes/ No)
If yes, please attach the maps and explain method.

Did you or another section create evacuation maps by interpretation and/or analysis of the imageries? (Yes/ No)
If yes, please attach the maps and explain the method.

(Please describe specifically, if there is something that you created in the other.)

C. Regarding provided output include satellite data

Did you satisfy provided satellite data for grasp affected area?

1	2	3	4
Very unsatisfactory	unsatisfactory	Fairly satisfactory	Very satisfactory

Please write down specific reason (useful / not useful)

Please write down how did you use provided satellite data in case of real natural disaster?

Please write down if you have any comment and suggestion regarding above.

D. Other

Please write down if you have any comment and suggestion regarding your "Emergency of Request" this time.

Result of Response Time

- Between EOR and ADRC's response

- Between EOR and Obtaining satellite data

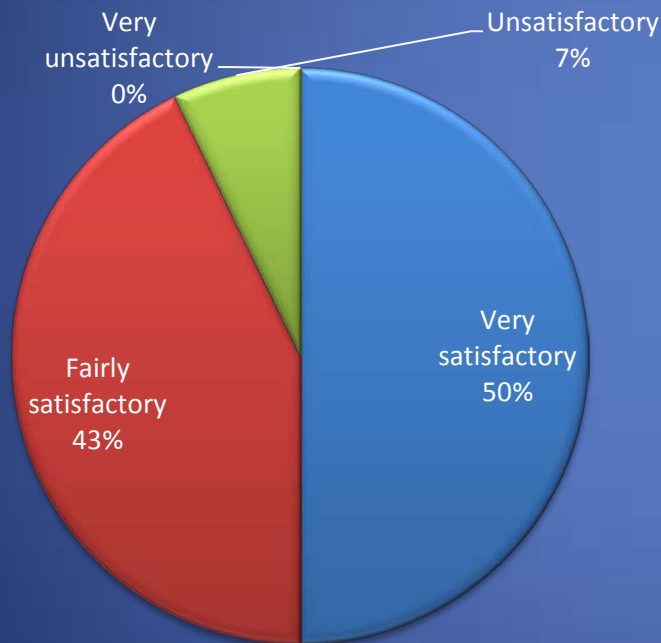- Between EOR and Obtaining analysis data

Between EOR and ADRC's response
- Fairly satisfactory 14%
- Very satisfactory 86%

Between EOR and Obtaining satellite data
- Fairly satisfactory 43%
- Very satisfactory 57%

Between EOR and Obtaining analysis data
- Very satisfactory 33%
- Fairly satisfactory 67%
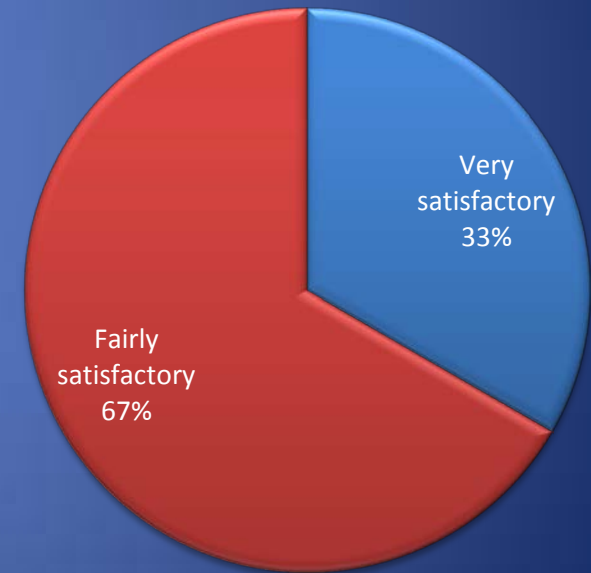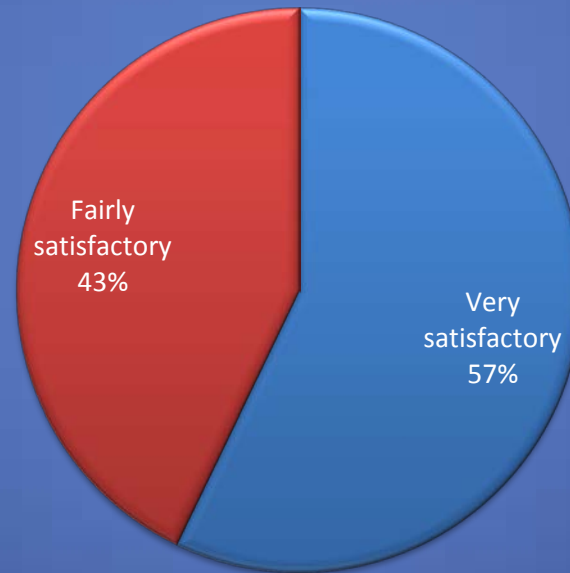
※The later process, ratio of very satisfactory becomes small

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Asia Step-3 in Yangon, Myanmar

Quality of the provided image

- Image resolution
- Image quality

Image resolution pie chart:
- Very unsatisfactory 0%
- Unsatisfactory 7%
- Very satisfactory 50%
- Fairly satisfactory 43%

Image quality pie chart:
- Very unsatisfactory 0%
- Unsatisfactory 7%
- Very satisfactory 57%
- Fairly satisfactory 36%
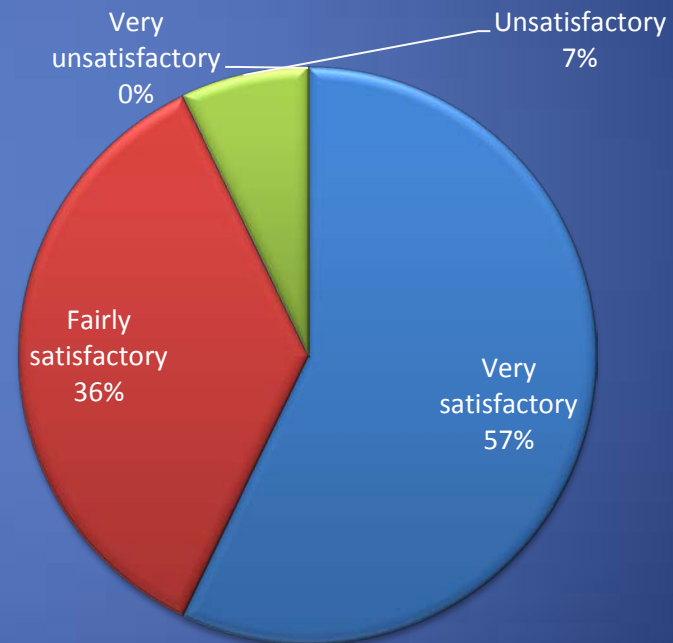
Quality of the provided image

- Positional accuracy

- Range of observation

Positional accuracy pie chart:
- Unsatisfactory 0%
- Very unsatisfactory 0%
- Fairly satisfactory 43%
- Very satisfactory 57%

Range of observation pie chart:
- Unsatisfactory 0%
- Very unsatisfactory 0%
- Very satisfactory 33%
- Fairly satisfactory 67%
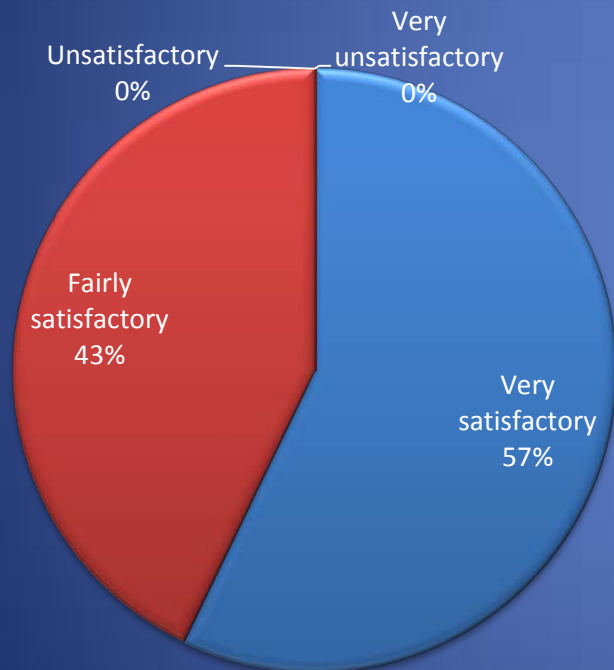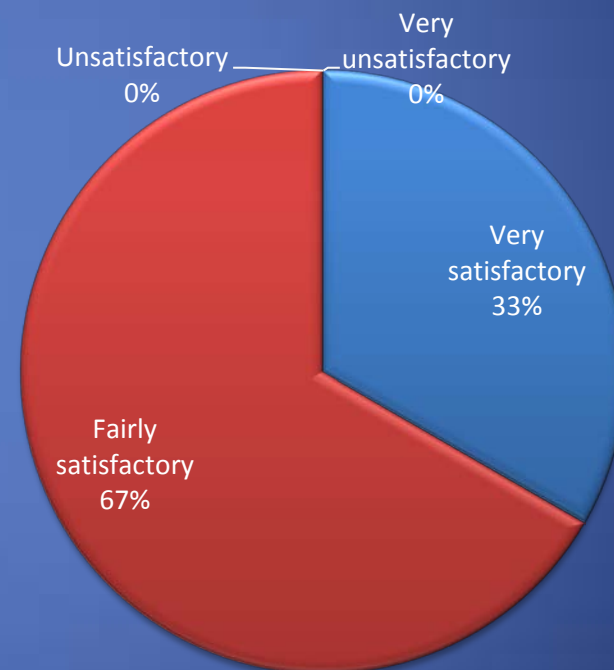
Quality of the provided image

- Appropriateness of the sensor

Very unsatisfactory 0%

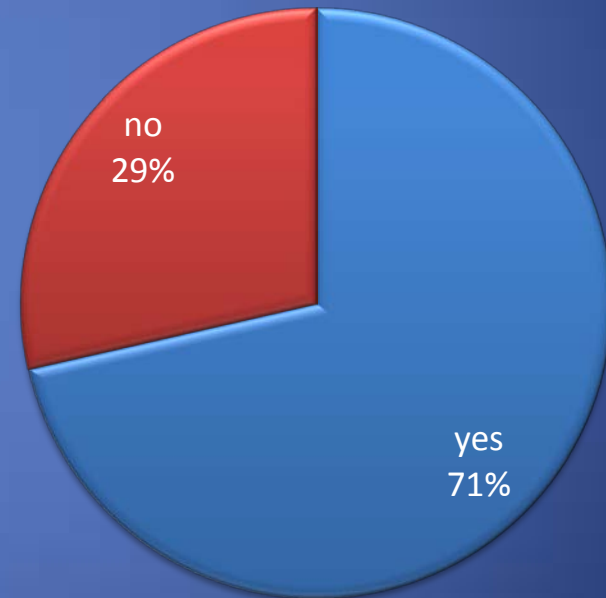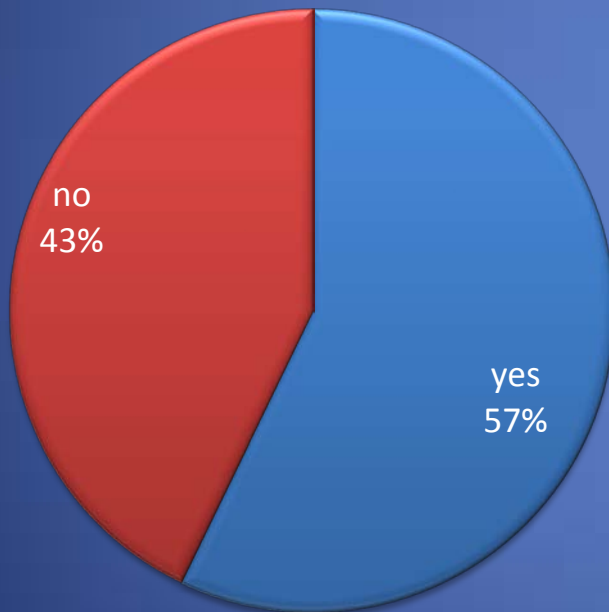Unsatisfactory 14%

Fairly satisfactory 29%

Very satisfactory 57%
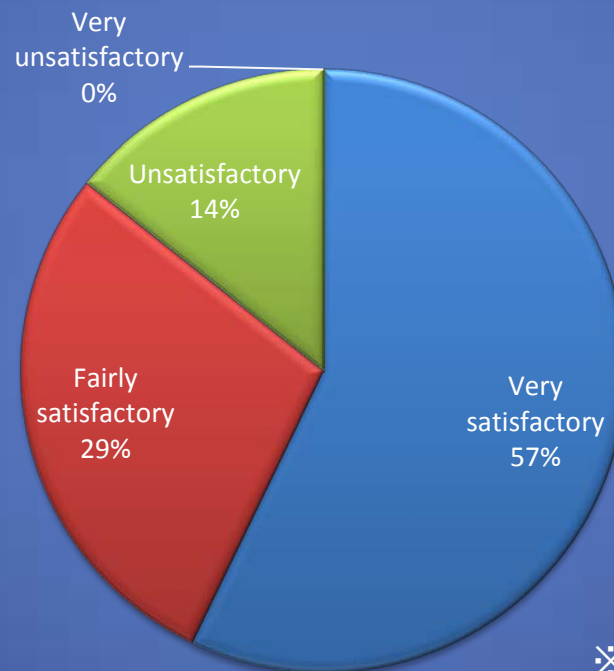
※There is not the answer that is clear what you are dissatisfied with about sensor choice.
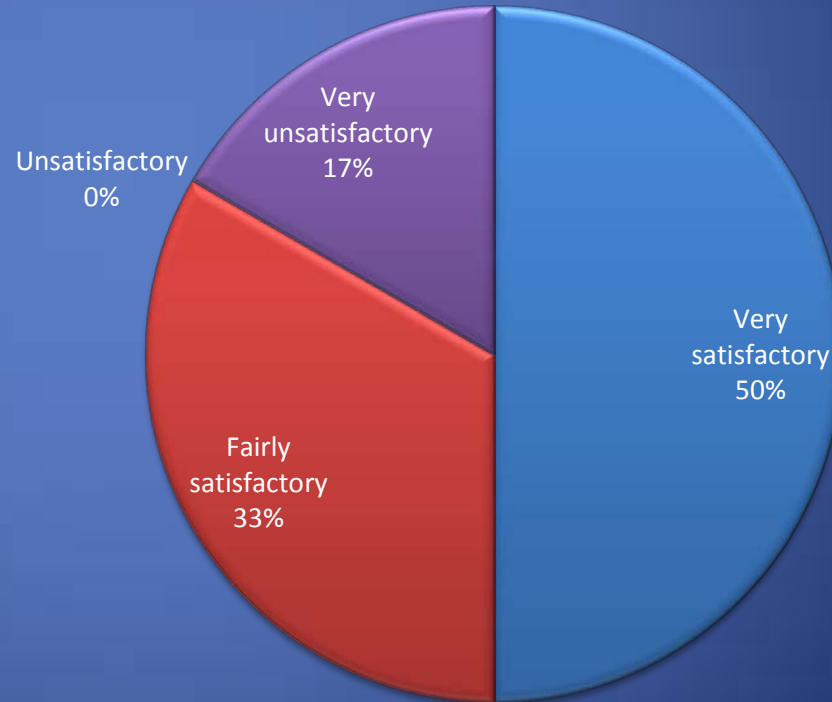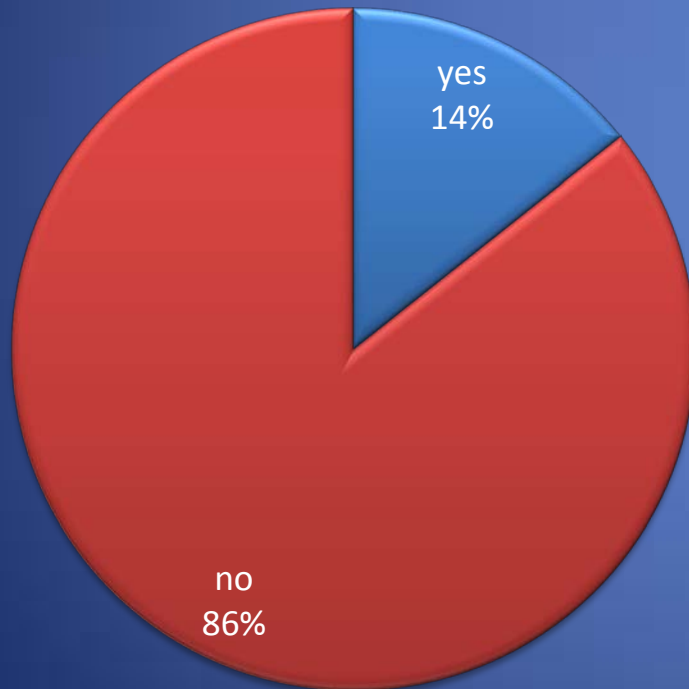
Use the satellite image provided by the Sentinel Asia

- Did you create thematic maps?

- Did you create disaster area map?

no
43%

yes
57%

no
29%

yes
71%

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Asia Step-3 in Yangon, Myanmar

Use the satellite image provided by the Sentinel Asia

- Did you create evacuation maps?

  yes
  14%

  no
  86%

- Did you satisfy provided satellite data for grasp affected area?

  Very unsatisfactory
  17%

  Unsatisfactory
  0%

  Very satisfactory
  50%

  Fairly satisfactory
  33%

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Summary

1. Response Time is almost satisfied

➢ Between EOR and ADRC's response

➢ Between EOR and Obtaining satellite date

➢ Between EOR and Obtaining analysis result

2. Quality of provided data is almost satisfied

➢ Resolution, Quality, Positional accuracy, and Range of observation

➢ Appropriateness of the sensor

3. Use the satellite image provided by Sentinel Asia

➢ Half of respondents or more make a map of the thematic map or disaster area map with provided satellite image

➢ The making rate of the Evacuation map remains in 14%

➢ As for the provided satellite data is almost satisfactory to grasp affected area

Thank You For Your Attention

http://www.adrc.asia