



Overview of Emergency Observation (as of Dec 2015)

Asian Disaster Reduction Center (ADRC)

Makoto IKEAD

Our role in Sentinel Asia





1. TREND of Emergency Observation Request (EoR)
2. VOICE of Requesting Organization (RO)
3. Conclusion



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Natural disaster in 2015

Earthquake in Nepal



<http://www.bbc.com/news/uk-32513534>

Flood in Myanmar

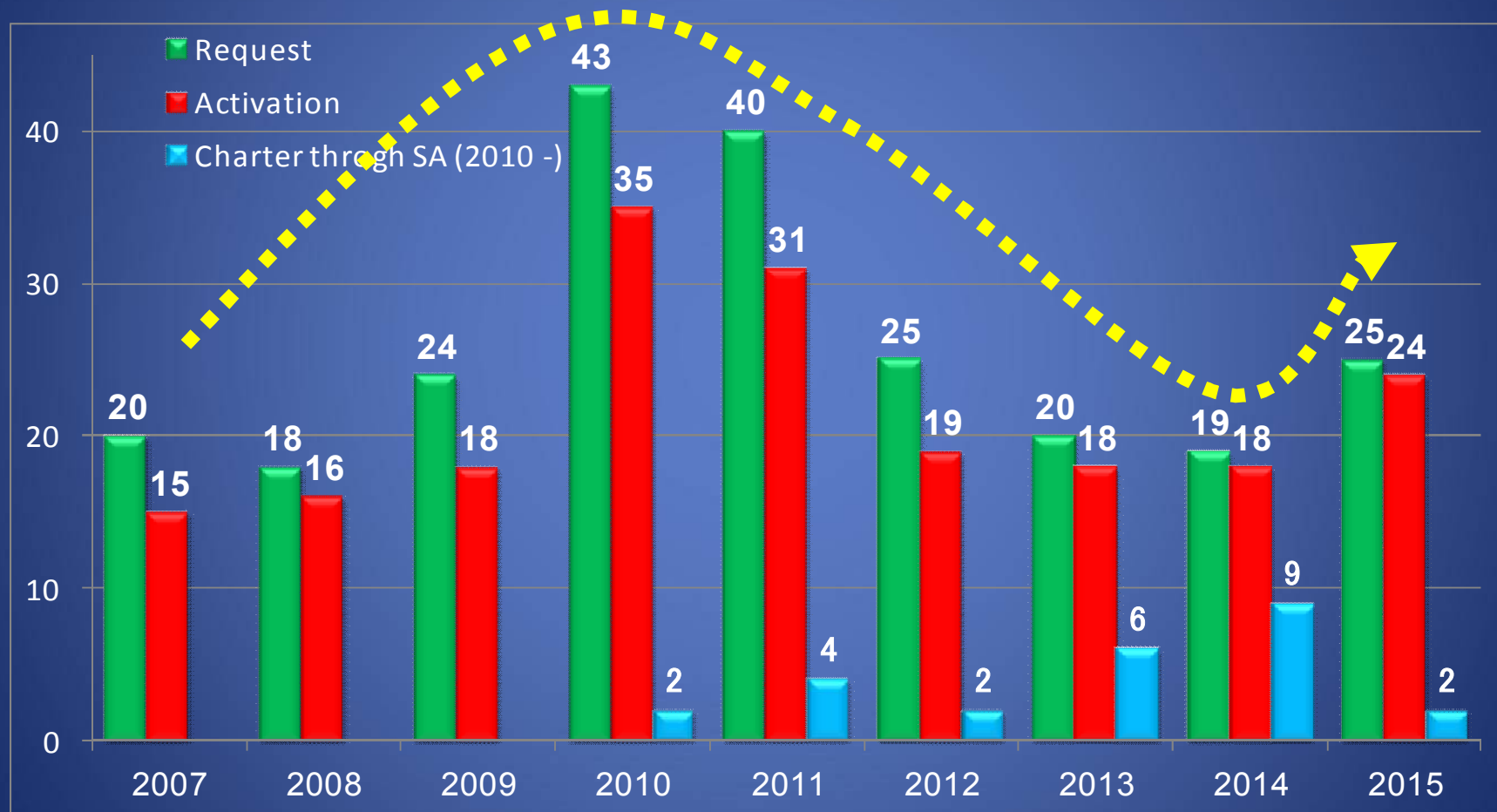


2016/01

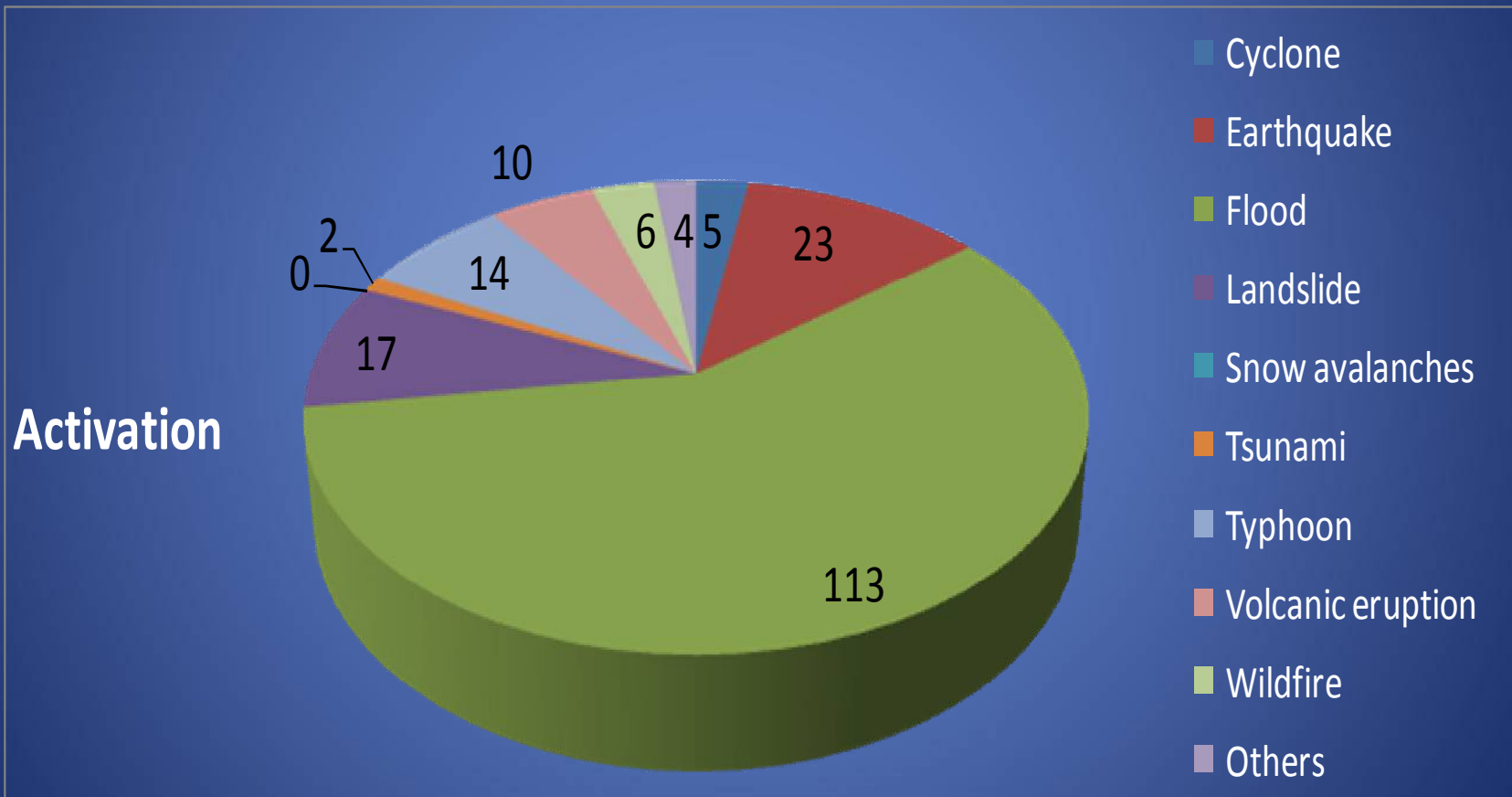
<http://www.channelnewsasia.com/news/asiapacific/severe-flooding-hampers/2023392.html>



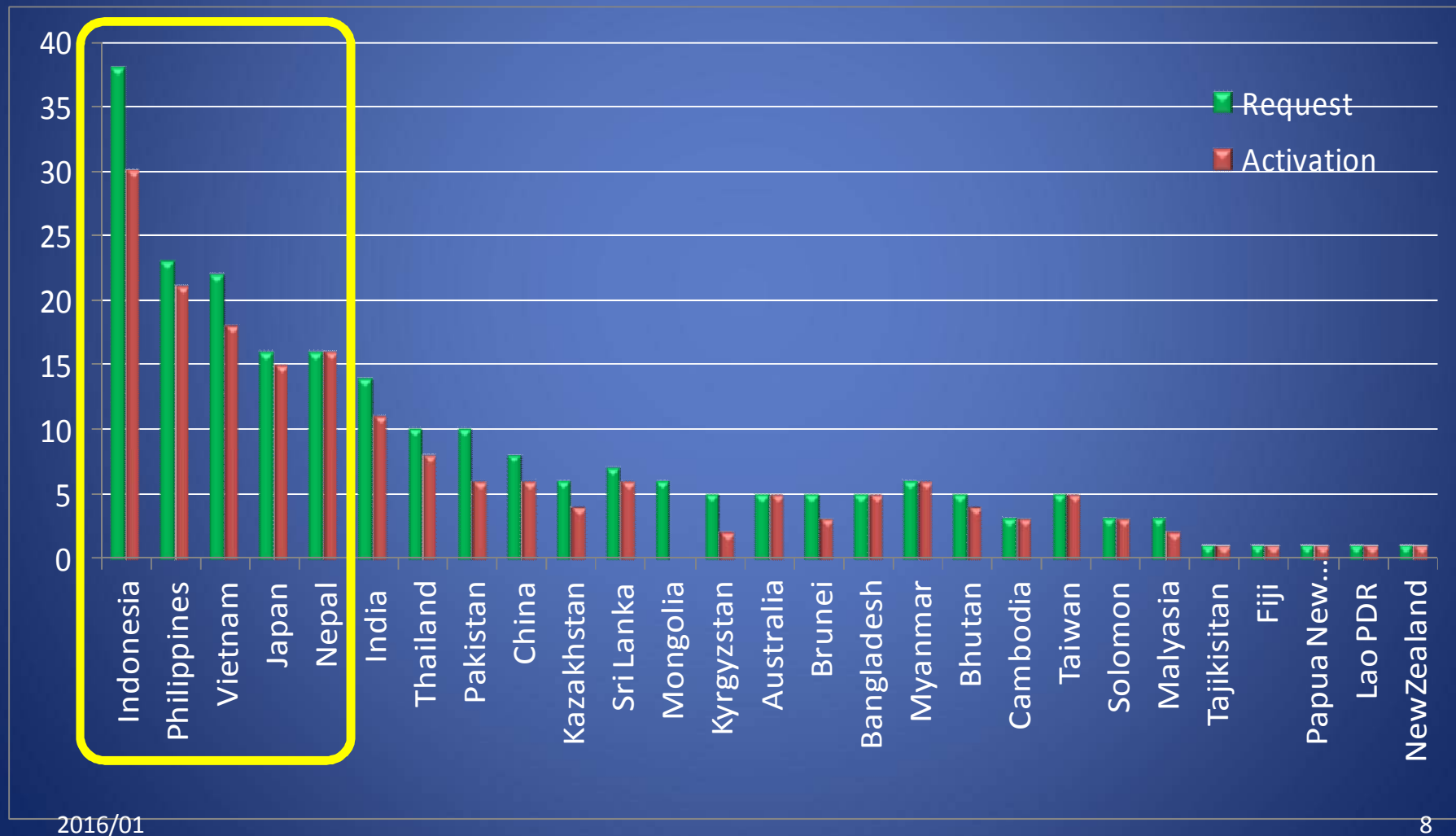
Changes in the number of emergency observation 2007-2015



Breakdown by type of disaster 2007-2015

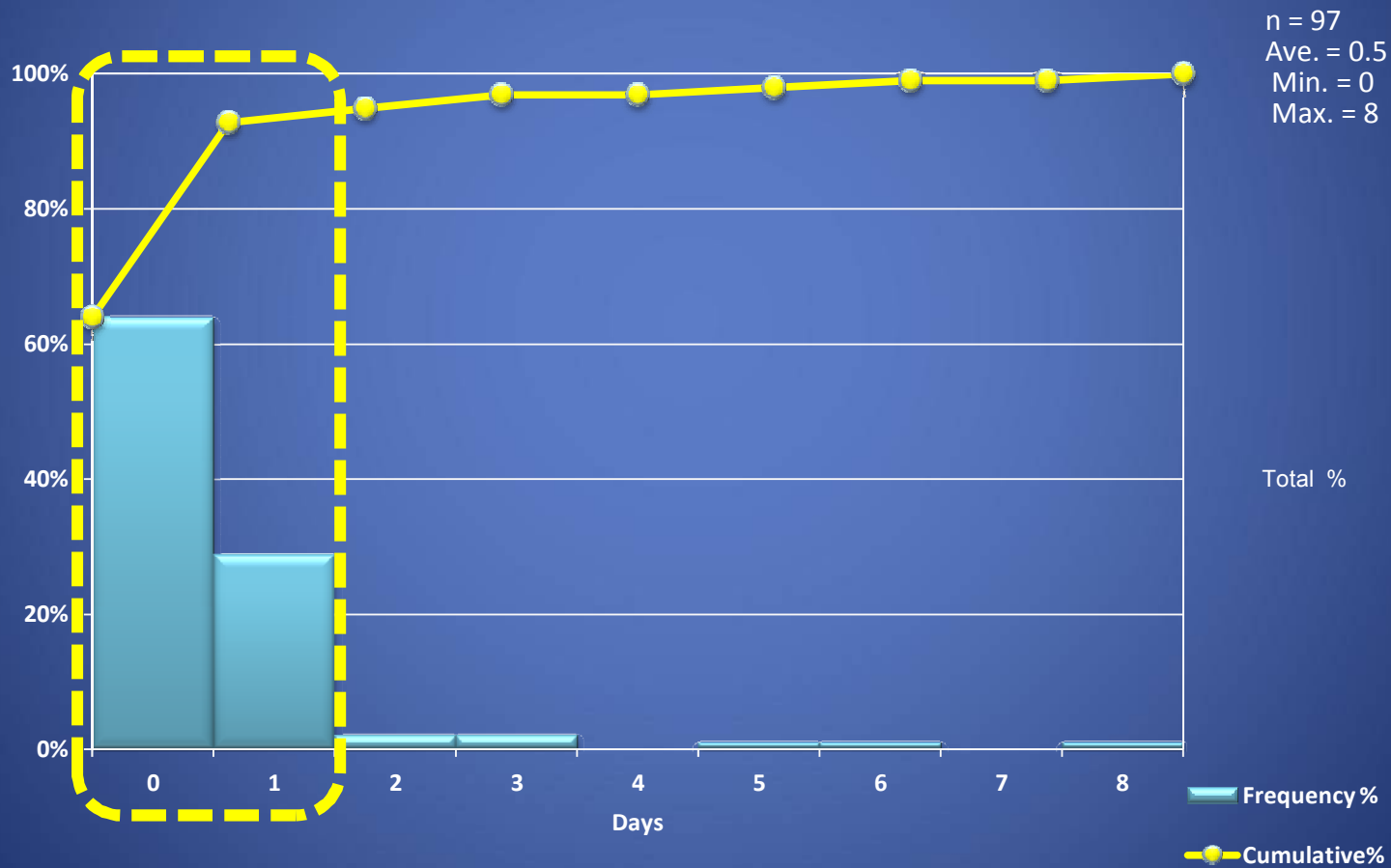


The status of implementation of emergency observation for each country 2007-2015



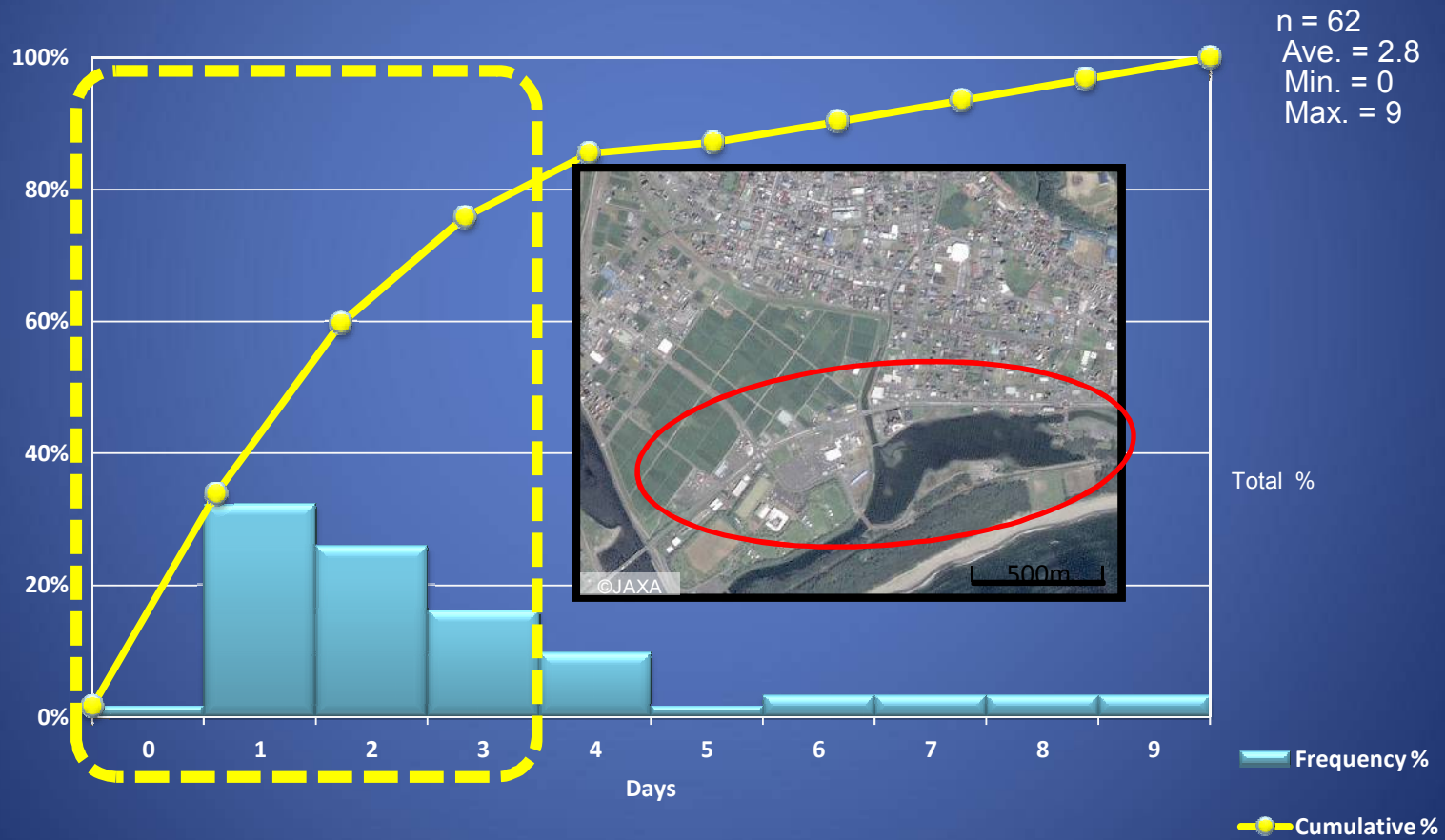


Analysis of Time from Request to Activation Jun.2011 – Nov.2015

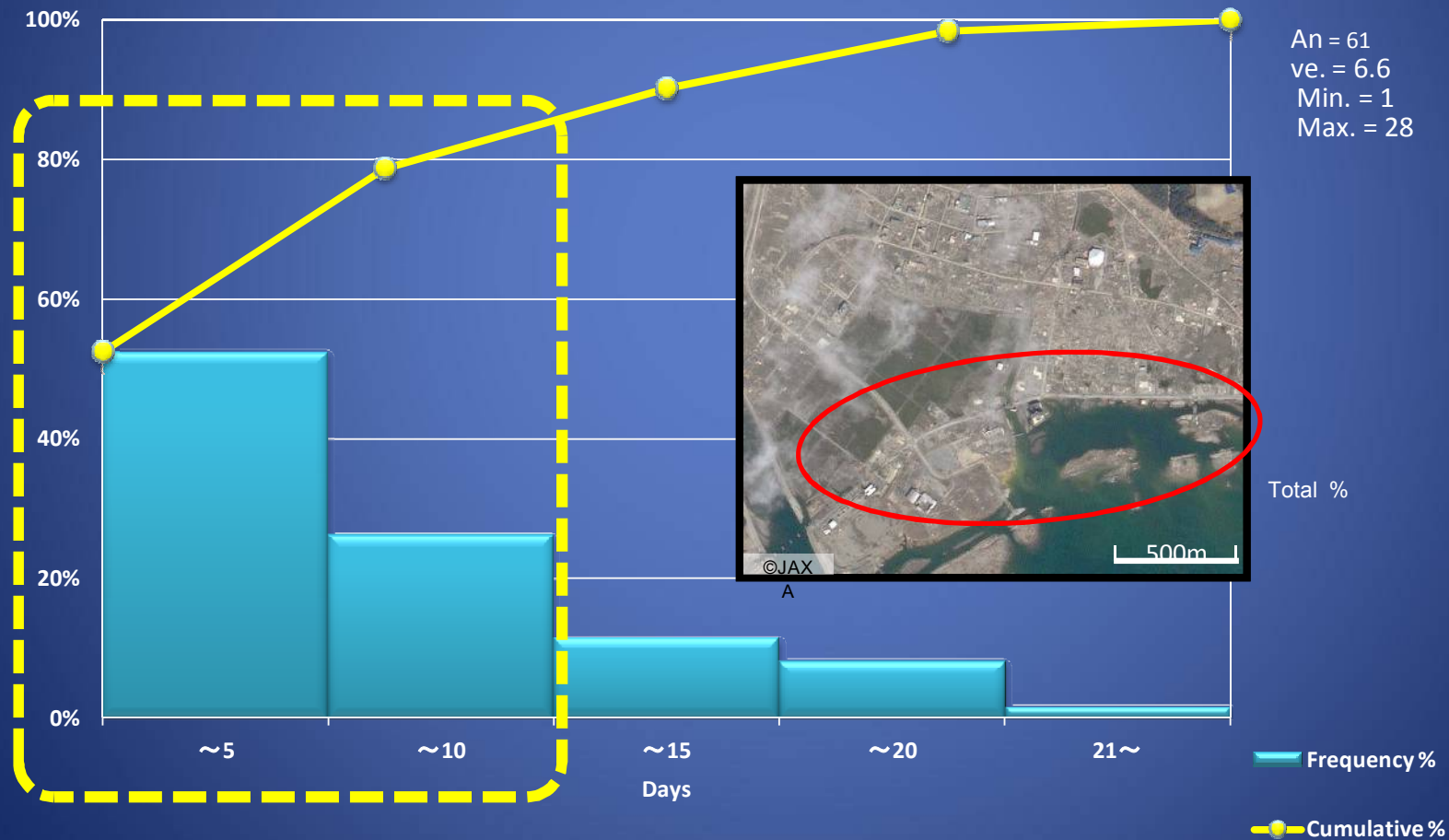




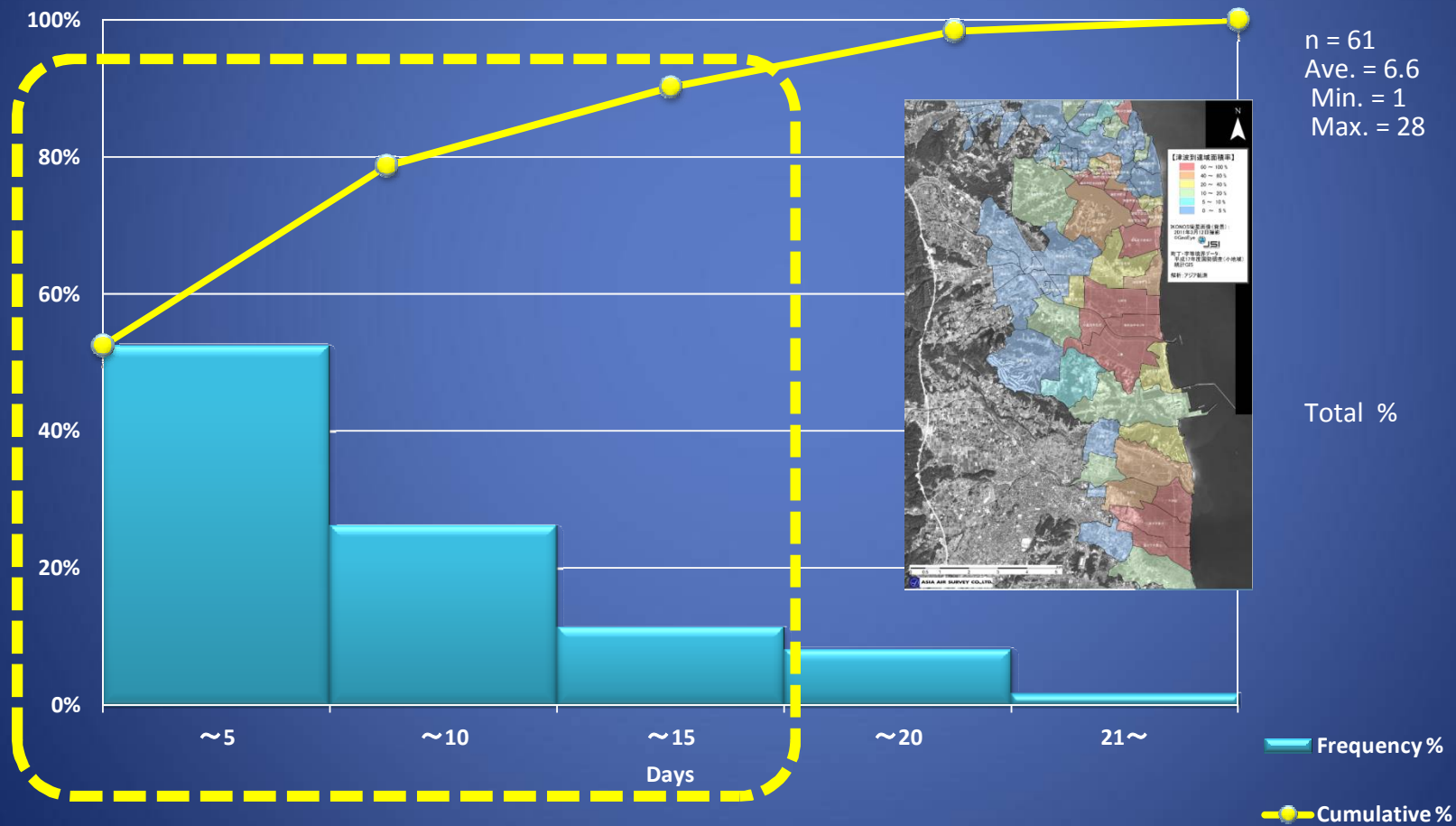
Analysis of Time from Request to Archive Delivery Jun.2011 – Nov.2015



Analysis of Time from Request to Post Image Delivery Jun.2011 – Nov.2015

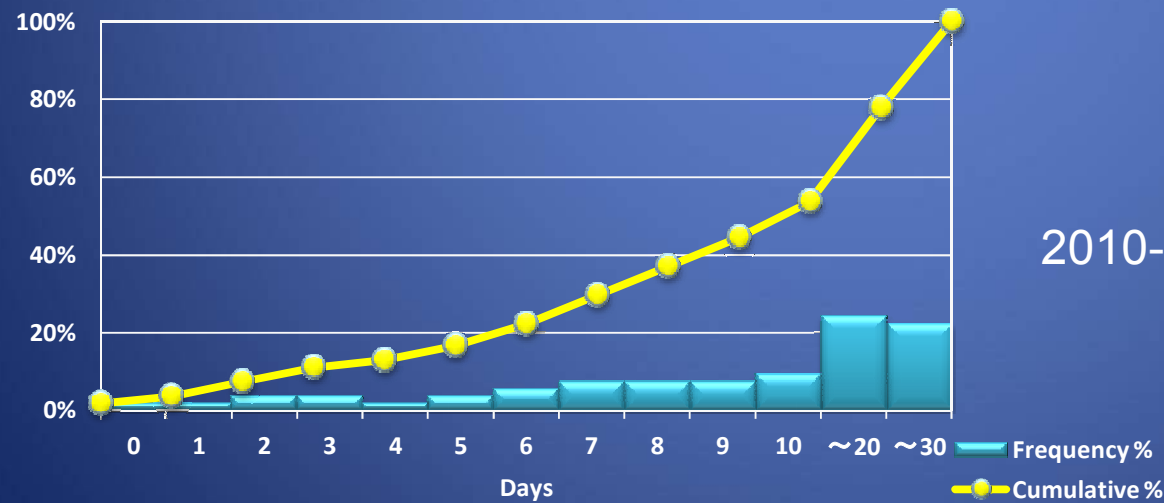
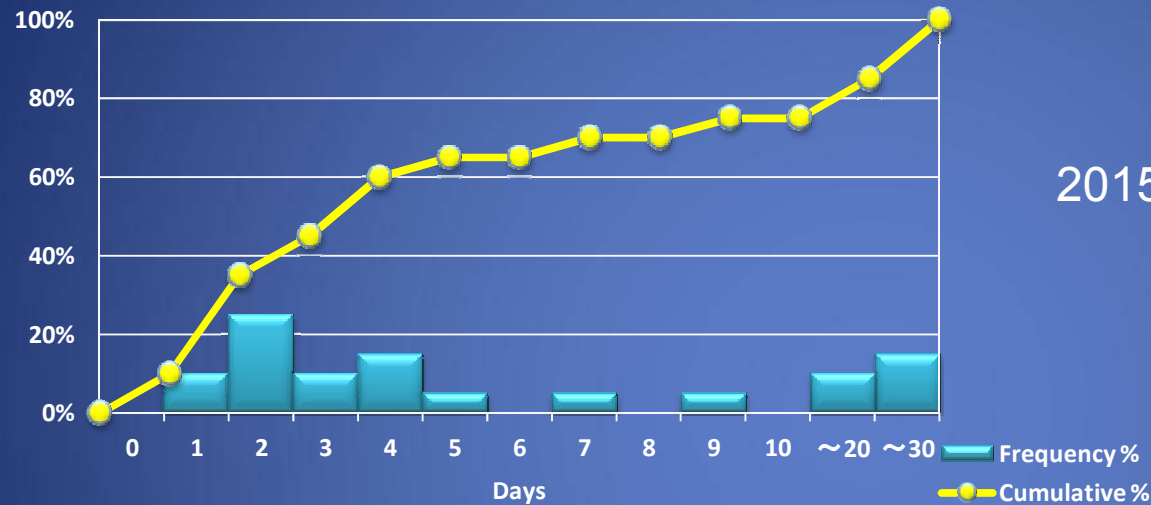


Analysis of Time from Request to Product Delivery Jun.2011 – Nov.2015





Analysis of Time from Request to Product Delivery , 2015 vs 2010-2014





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Questionnaire to collect user requirements 1/5

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*

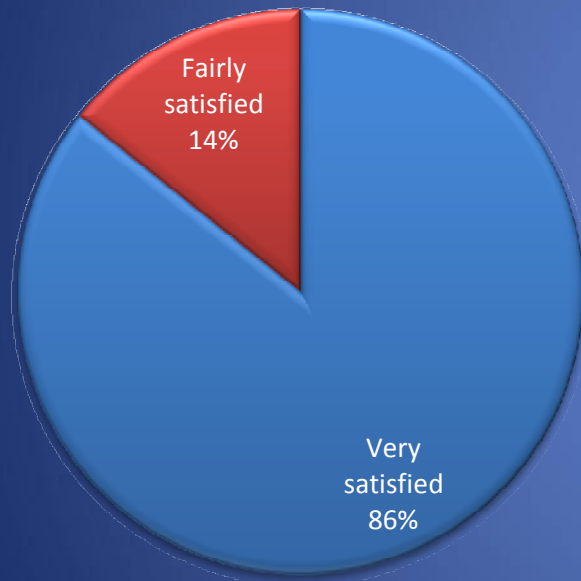
Emergency Observation (Type of disaster, Country [Region]) :
Satellite :
Products provided from D
DATES sent the questionn
Deadline of the questionn

1. Response time
2. Quality of satellite data
3. Utilization of satellite data in your organization
etc...

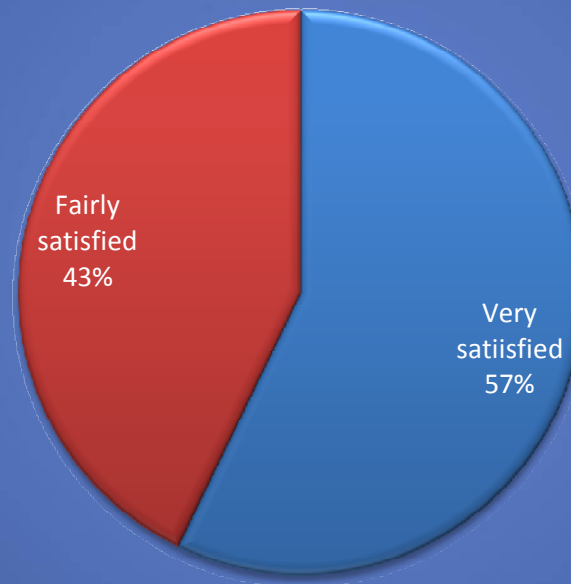


Response Time

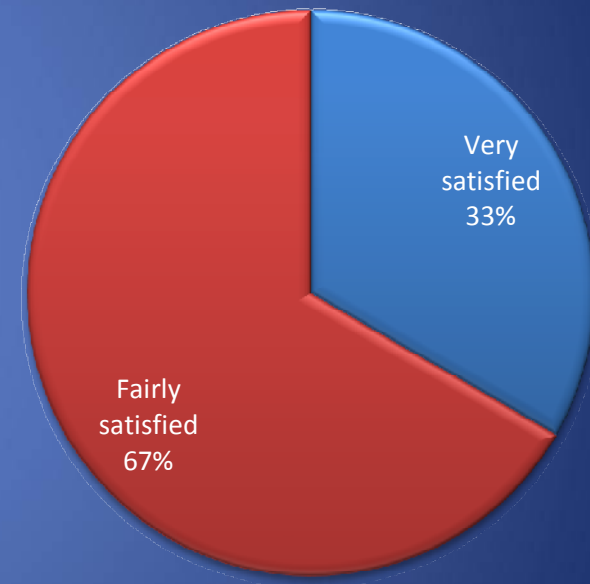
First Response



Obtaining satellite data



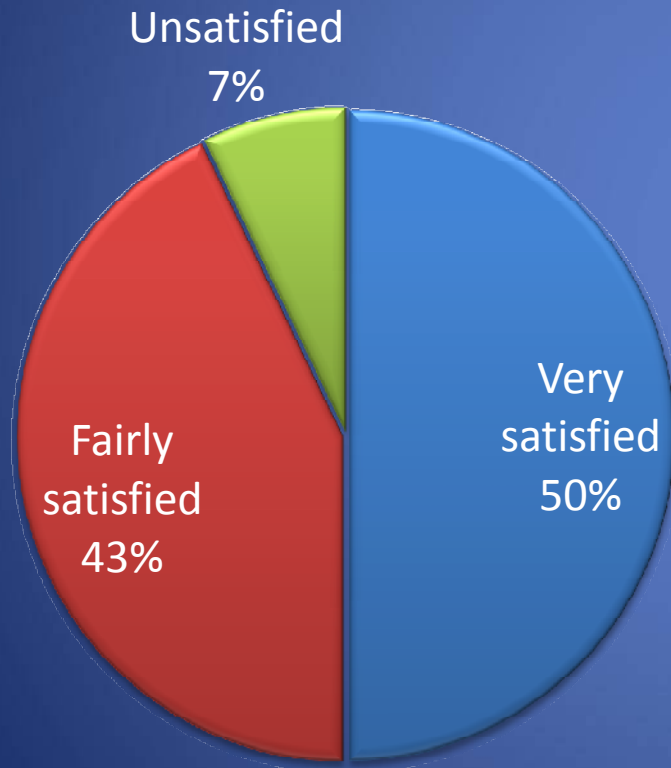
Obtaining analysis data



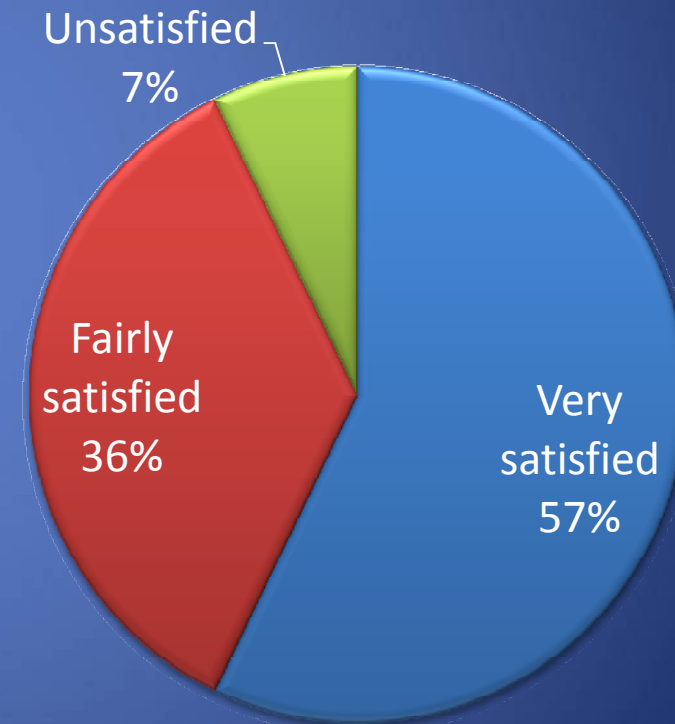


Quality of the provided image

Resolution



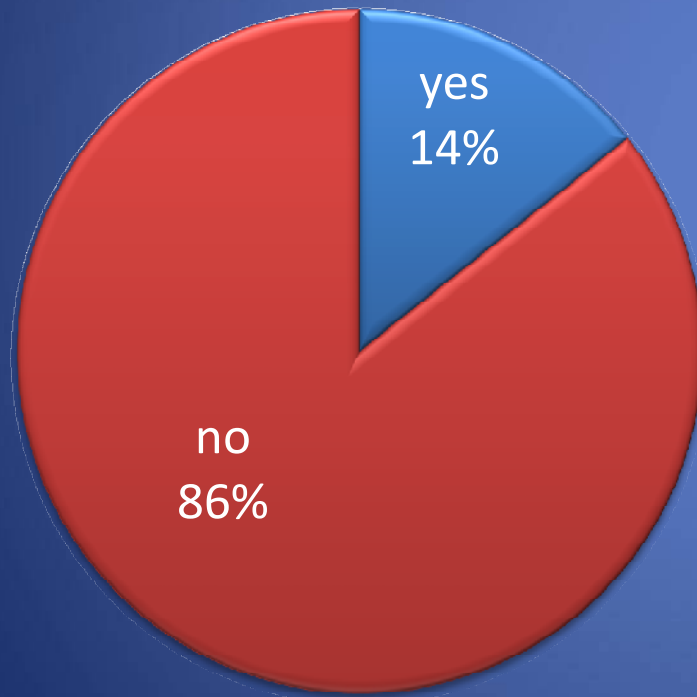
Quality



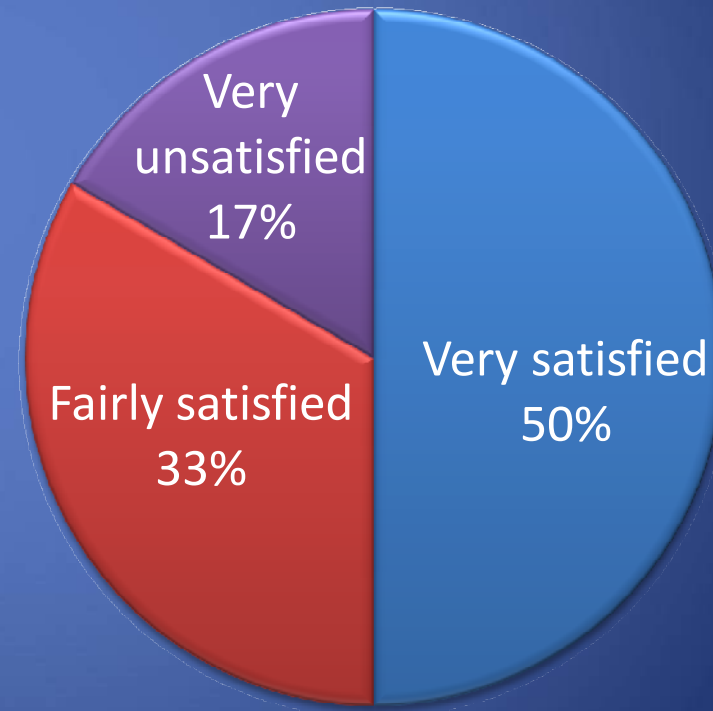


Utilization of the satellite image

Did you create evacuation maps?



Were you satisfied with the provided satellite data for understanding the affected areas?





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Conclusion

- **Sentinel Asia** has been providing numerous satellite images and output. This project **contributes to Disaster Risk Reduction for Asian countries.**
- **Several challenges still need to be met such as the time** needed in providing data, capacity building, promotion for disaster management organization, etc.
- Satellite images and products should be utilize for end-user in affected area.
- **Now we have new FORMAT of EoR.**

Thank You For Your Attention

