



# A disaster just hit. How do satellite maps provide support?

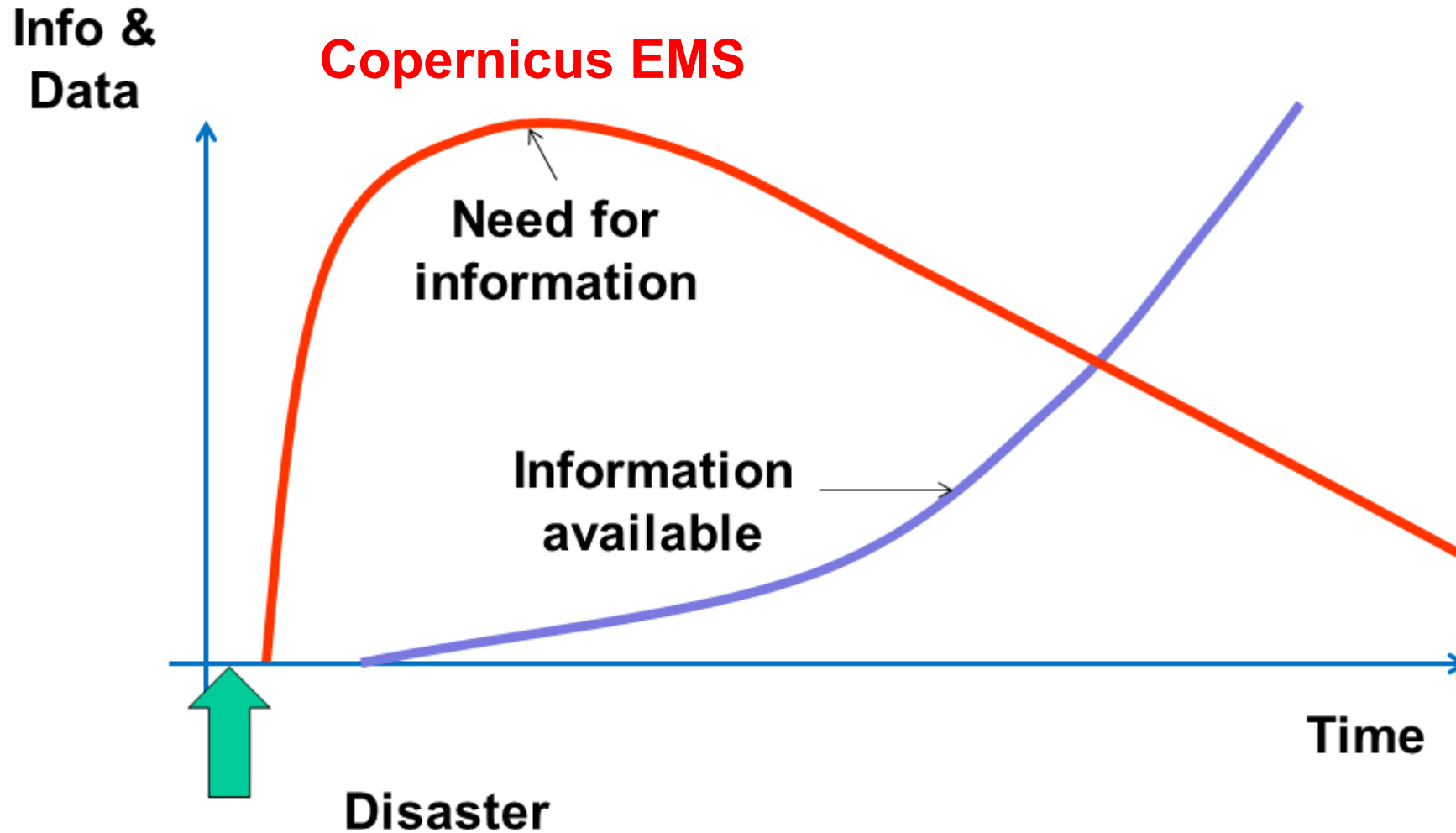
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# SAS Mandate

- Ensuring situational awareness.
- Maintaining and further developing transnational early warning systems.
- Bridging the scientific and operational communities.
- Coordinating DG ECHO's contribution to the Integrated Situational Awareness report (ISAA report).

# Need for information



Source: OCHA

# A disaster just hit. How big? How bad?

Consequences within the AOI						
	Unit of measurement	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Flood trace	ha					602.7
Flooded area	ha					21.3
Estimated population	Number of inhabitants				~ 17,000	~ 69,000
Built-up	Residential Buildings	No. 875	3,047	3	3,925	3,966
	Industrial buildings	No. 0	0	0	0	1
	School, university and research buildings	No. 0	7	0	7	23
	Hospital or institutional care buildings	No. 0	1	0	1	5
	Other non-residential buildings	No. 0	35	0	35	35
	Buildings used as places of worship and for religious activities	No. 0	3	0	3	3
	Cemetery	No. 0	7	0	7	8
	Hotel buildings	No. 1	0	0	1	1
	Communication buildings, stations, terminals and associated buildings	No. 0	0	0	0	1
	Unclassified	No. 0	0	0	0	355
Transportation	Harbours	ha 0.0	30.7	0.0	30.7	30.7
	Bridges and elevated highways	km 1.5	0.0	0.4	1.9	1.9
	Highways	km 2.4	1.9	2.5	6.8	33.0
	Primary Road	km 0.3	0.6	5.6	6.5	25.7
	Secondary Road	km 0.0	0.0	3.2	3.2	7.6
	Local Road	km 15.1	1.5	37.0	53.6	277.7
	Cart Track	km 0.0	0.0	2.8	2.8	20.6
	Harbours	km 0.0	0.0	0.0	0.0	2.3
Facilities	Breakwater	ha 0.0	0.0	0.0	0.0	0.8
	Dams	ha 0.6	0.0	0.0	0.6	0.6
	Power plant constructions	ha 0.0	0.0	0.0	0.0	1.7
	Sport and recreation constructions	ha 1.4	0.0	3.0	4.4	8.0
	Long-distance pipelines, communication and electricity lines	km 0.0	0.0	25.9	25.9	30.8
	Dams	km 0.3	0.0	0.0	0.3	0.3
Land use	Other	ha			345.1	2,170.8
	Shrub and/or herbaceous vegetation association	ha			190.8	2,982.3
	Forests	ha			56.1	117.7
	Open spaces with little or no vegetation	ha			23.1	251.3
	Heterogeneous agricultural areas	ha			8.9	206.6



Copernicus imagery acquired as a result of a request for information on the 17th of November 2015, resolution 0.5 m, obtained by the Copernicus Data User Group (CDUG) on 17/11/2015. The imagery is used as background image. All images are provided under CC-BY-NC-SA by the European Union and ESA, all rights reserved.
   
 Base vector layers: OpenStreetMap © OpenStreetMap contributors (2018),
   
 Interpolating: GeoNames 2015, Global Administrative Areas (2012),
   
 derived by the producer: Copernicus Global Land Service: Land Cover (2015),
   
 Coast Maps: JRC 2015, Natural Earth 2015, GeoNames 2015.
   
 Population data: Eurostat Population and Migration Statistics, 2015.
   
 The thematic layer has been derived from processed satellite image using a semi-automatic approach and by means of visual interpretation.

# How we use the products?

- Situation awareness
- ECHO funding decision making
- ECHO field network
- European Civil Protection Teams deployed
- ECHO partners

# Who is benefiting from them?





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President of the European Commission, Ursula von der Leyen, greets an EU liaison officer in Slovenia. © European Union, 2023 (photographer: Dati Bendo)

# Who is benefiting from them?





# Thank you



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