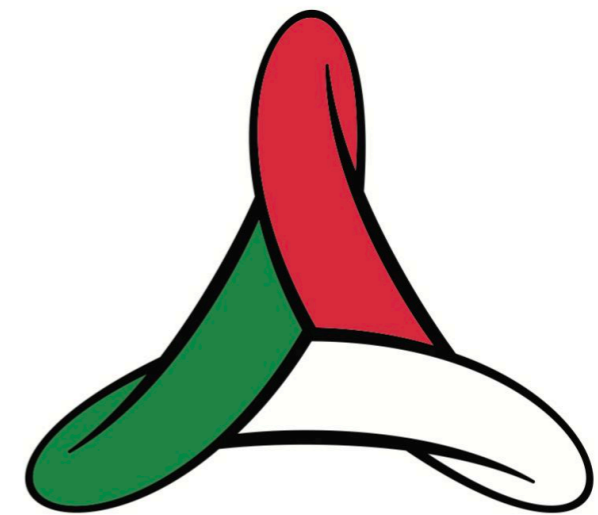




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PROTEZIONE CIVILE

# Handouts

N. Casagli, G. Gigli, E. Intrieri



Ivery

Airale Superiore

Torreda

Trattoria Ramo Verde

Carema

Quincinetto

Railway

Motorway

Fiume Dora Báltea

Fiume Dora Báltea

NORTH 500 m

SR44

AOSTA

SS26

SS26

SS26

SS26

E25

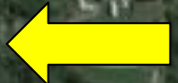
E25

E25

ton

Pont Saint Martin

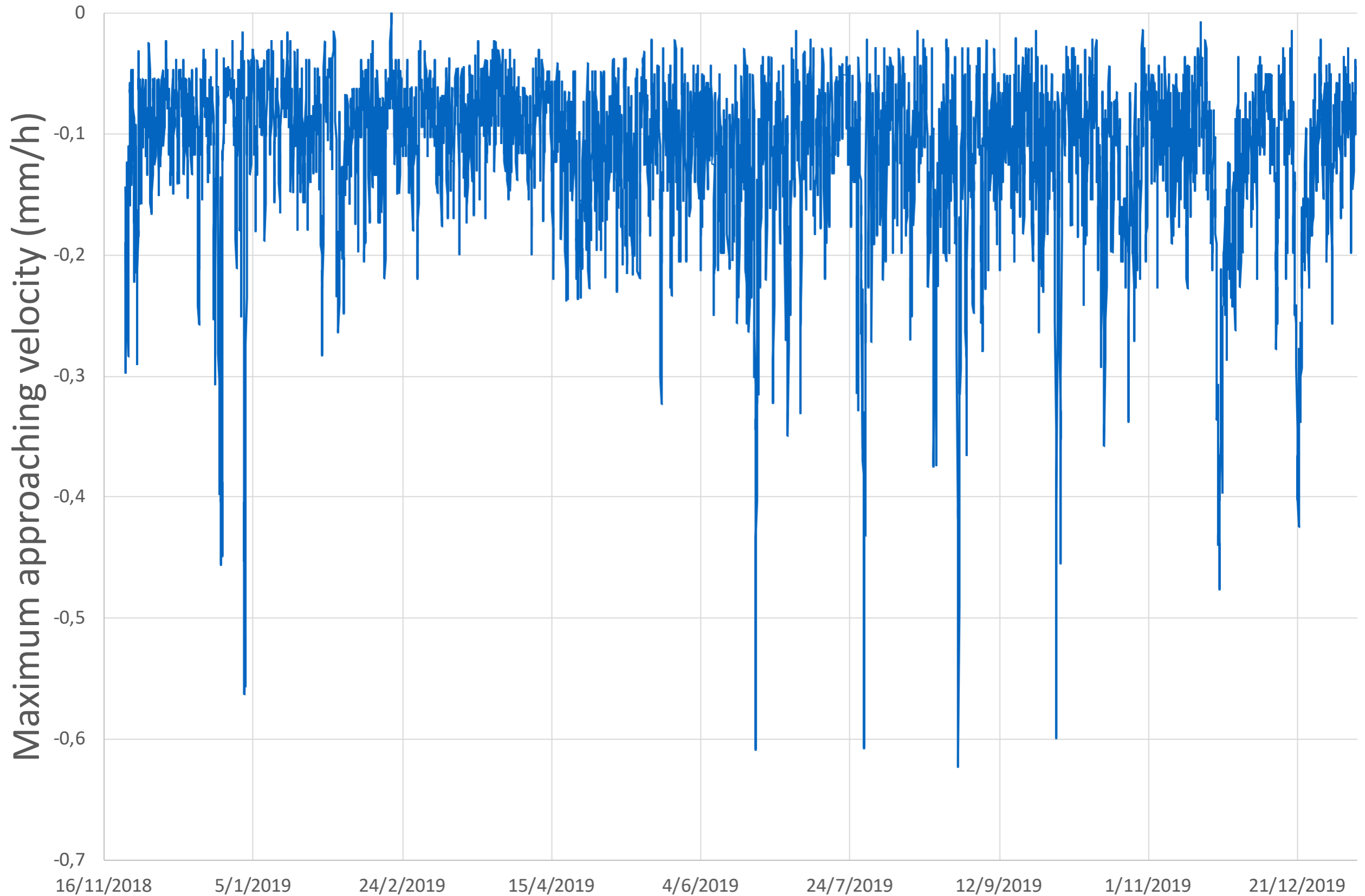
Pont-Saint-Martin



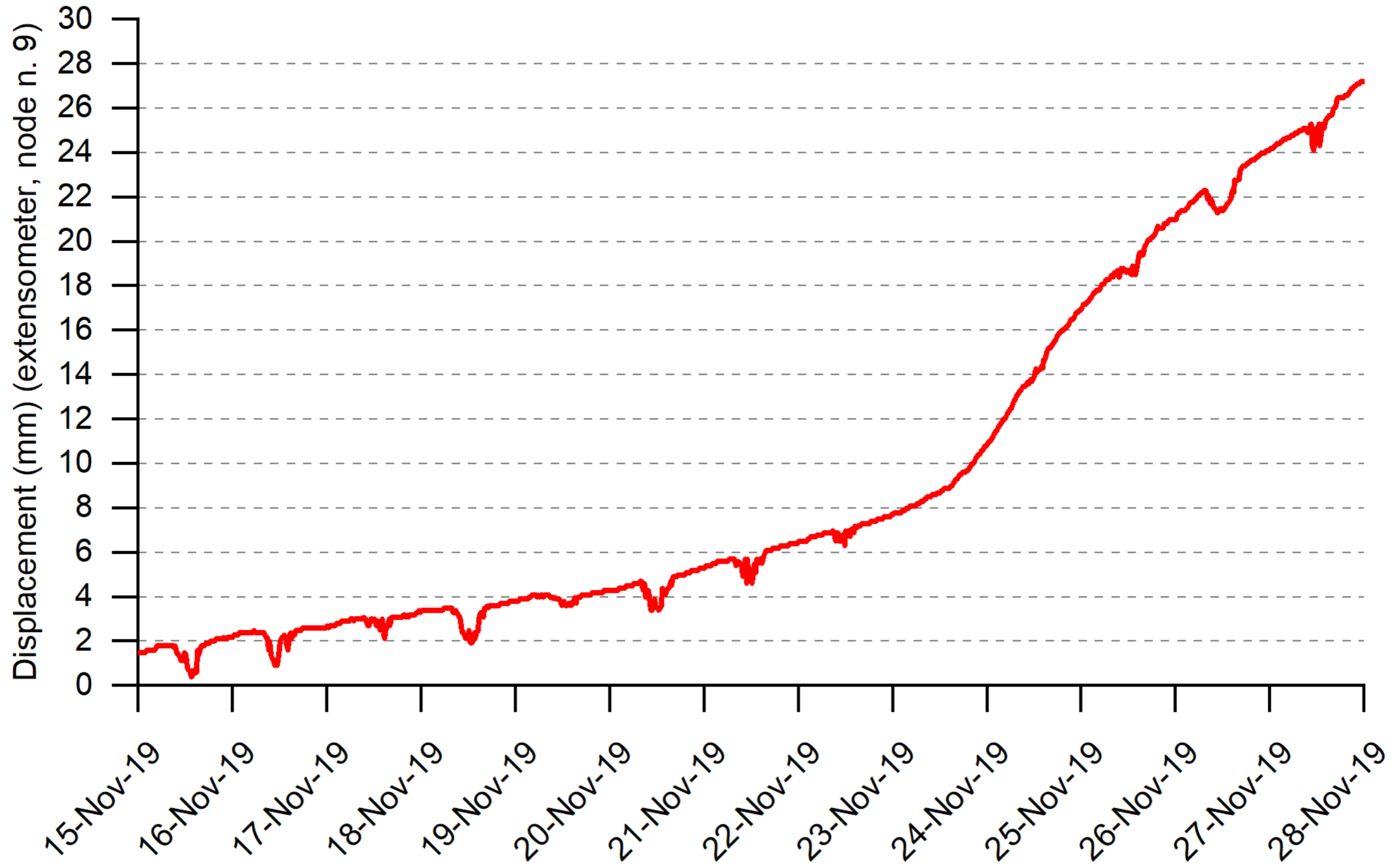
500 m

NORTH

# GB-InSAR threshold definition



# Extensometer threshold definition



# Monitoring thresholds

Alarm level	GB-InSAR	Extensometers
NONE	-	-
ATTENTION	$V_{LOS} < \dots\dots\dots$	$V_{EXT} < \dots\dots\dots$
PRE-ALARM	$\dots\dots < V_{LOS} < \dots\dots$	$\dots\dots < V_{EXT} < \dots\dots$
ALARM	$V_{LOS} > \dots\dots\dots$	$V_{EXT} > \dots\dots\dots$

# Involved institutions



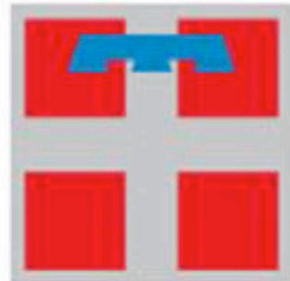
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PROTEZIONE CIVILE



*Prefettura di Torino*  
*Ufficio Territoriale del Governo*



REGIONE  
PIEMONTE



Regione Autonoma  
**Valle d'Aosta**



Città metropolitana di Torino



Autostrada  
Torino  
Ivrea  
Valle d'Aosta



**SAV**



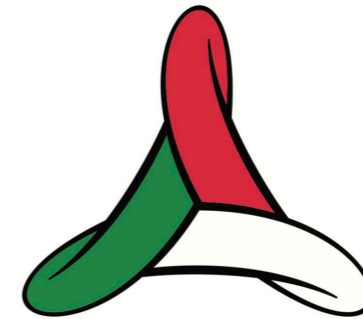
Comune di  
Quincinetto



# Center of Competence



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PROTEZIONE CIVILE

Centers of Competence provide the National Civil Protection Department with services, information, data, processing and technical-scientific contributions in specific fields.

The Center for Civil Protection of the University of Florence is a Center of Competence for monitoring and national surveillance aimed at geo-hydrological risk reduction.



# Motorway and railway operators



SAV



Autostrada  
Torino  
Ivrea  
Valle d'Aosta



The National Government grants concessions for motorways and railways allowing a private company to request a toll in exchange for investments and maintenance on the roads.

The motorway and railway operators provide signaling, maintenance and guarantee the safety on the communication lines.

# Regions



Regione Autonoma  
**Valle d'Aosta**

Regions are members of the National Service of Civil Protection and are in charge of civil protection activities.

They are responsible for the regional civil protection plan.

They manage the organization of civil protection systems within the Region and the Regional Operation Room.

# Municipalities



**Comune di  
Quincinetto**

**AND OTHERS**

Mayors are the local civil protection authorities.

The Municipalities are responsible for the Municipal Civil Protection Plans.

They manages the Municipal Operational Center (C.O.C.) for prevention and emergency management

# Prefecture



## *Prefettura di Torino*

The Prefecture (territorial government office) is a peripheral body of the Ministry of the Interior which represents the National Government at local level.

Prefects ensure the exchange of information among the Department of Civil Protection, the Regions, the Municipalities, the firefighters and the police bodies.

The Prefect is responsible for urgent logistic and technical services at local level during major emergencies.

# Police & Firefighters



Firefighters and police bodies are operational structures of the National Service of Civil Protection.

Their main task is to guarantee the safety of citizens and to maintain public order.

# Volunteering organizations



Volunteering organizations provide support to the Operating Structures, particularly for surveillance and assistance activities.

They represent an important link with the population.

# Center of Competence

Operational phase	Action
<b>Attention (Level 1)</b>	
<b>Pre-Alarm (Level 2)</b>	
<b>Alarm (Level 3)</b>	

# Motorway & railway operators

Operational phase	Action
<b>Attention (Level 1)</b>	
<b>Pre-Alarm (Level 2)</b>	
<b>Alarm (Level 3)</b>	



# Regions

Operational phase	Action
<b>Attention (Level 1)</b>	
<b>Pre-Alarm (Level 2)</b>	
<b>Alarm (Level 3)</b>	

# Municipalities

Operational phase	Action
<b>Attention (Level 1)</b>	
<b>Pre-Alarm (Level 2)</b>	
<b>Alarm (Level 3)</b>	

# Prefecture

Operational phase	Action
<b>Attention (Level 1)</b>	
<b>Pre-Alarm (Level 2)</b>	
<b>Alarm (Level 3)</b>	

# Police & Firefighters

Operational phase	Action
<b>Attention (Level 1)</b>	
<b>Pre-Alarm (Level 2)</b>	
<b>Alarm (Level 3)</b>	

# Volunteering organizations

Operational phase	Action
<b>Attention (Level 1)</b>	
<b>Pre-Alarm (Level 2)</b>	
<b>Alarm (Level 3)</b>	