



The French Risk Map (PPR)

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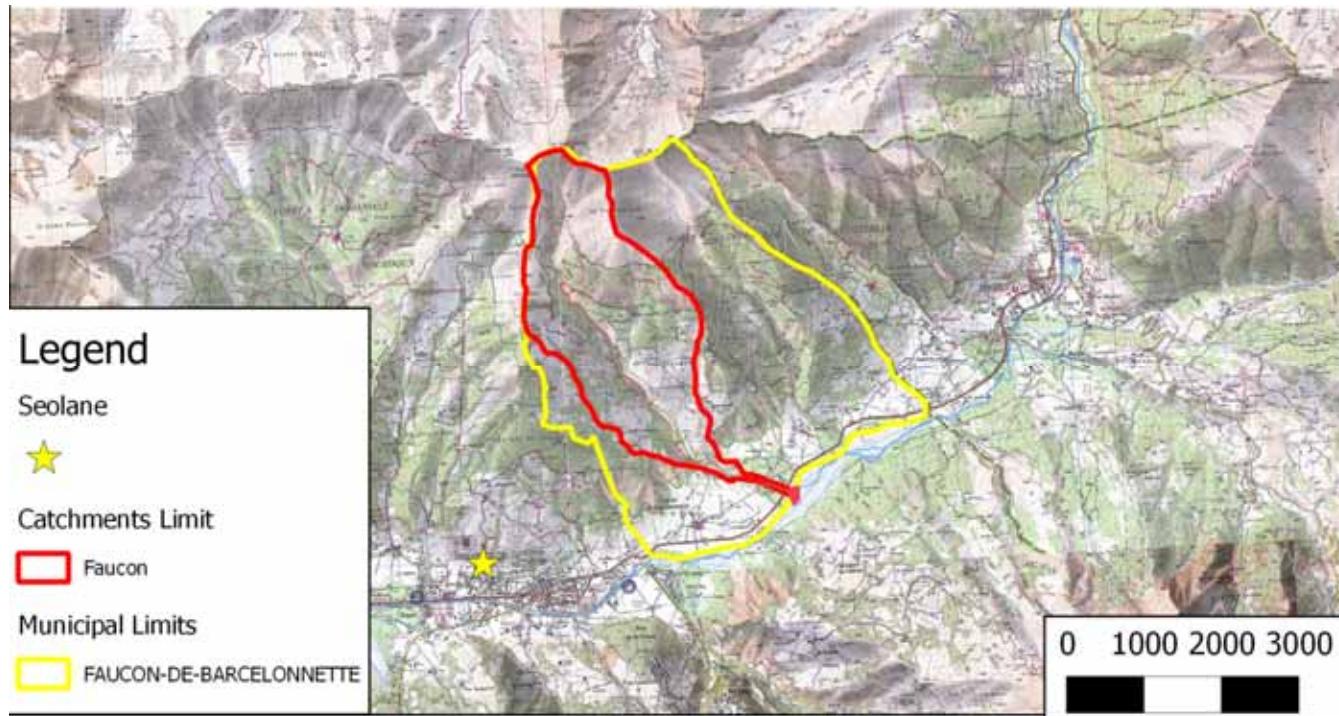


Produced (recap):

- Inventory
- Hazards
- Stakes threatened by the hazards
- Risk zoning (red, blue, white)



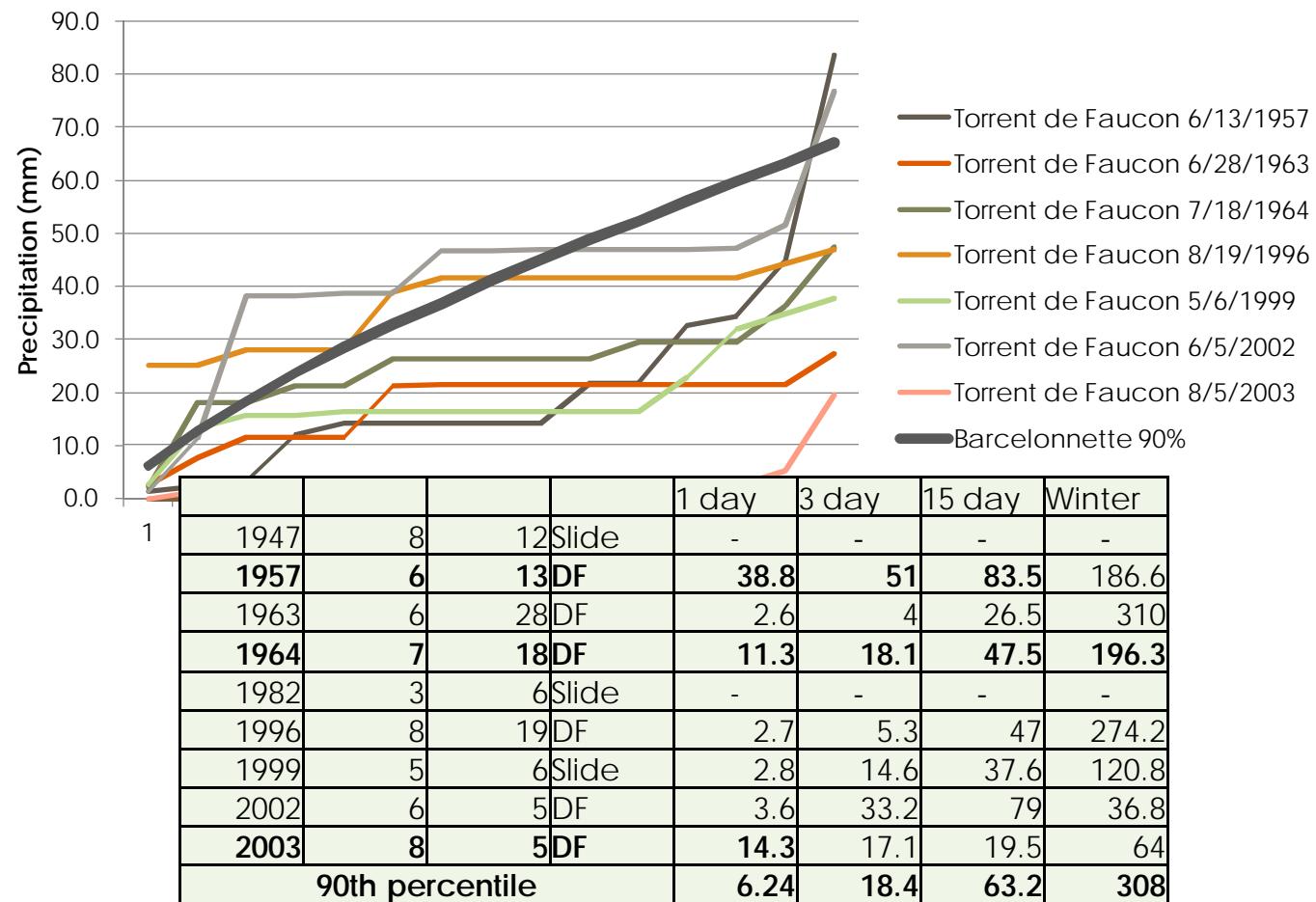
Background



- Since 1860:
 - 6 slides
 - 14 debris flows



Background





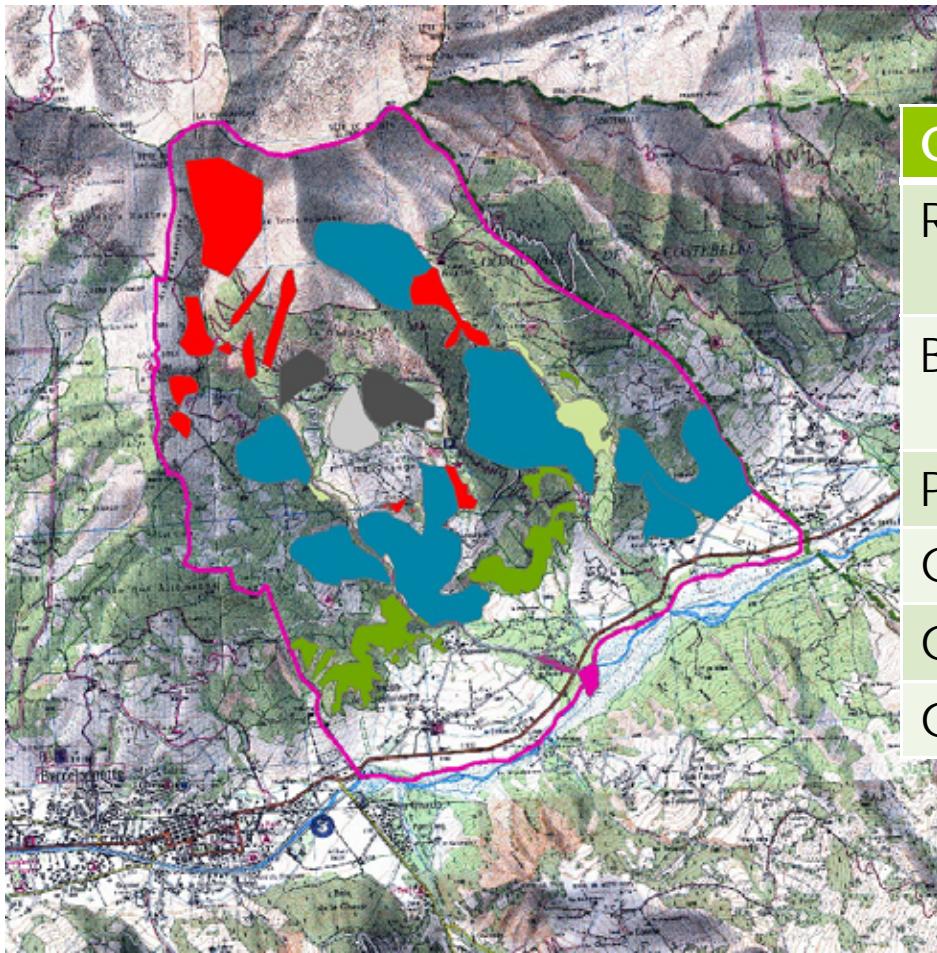
Carte des phénomènes naturels (Inventory map)

- Manual digitization
 - Orthophotographs
 - Geological map

- Delineating type
 - Landslides, debris flows, scree slopes



Carte des phénomènes naturels (Inventory map)



Color	Type
Red	Landslides (active)
Blue	Landslides (in-active)
Pink	Debris Flow
Grey (dark)	Rock falls
Grey (light)	Scree slopes
Green	Erosion

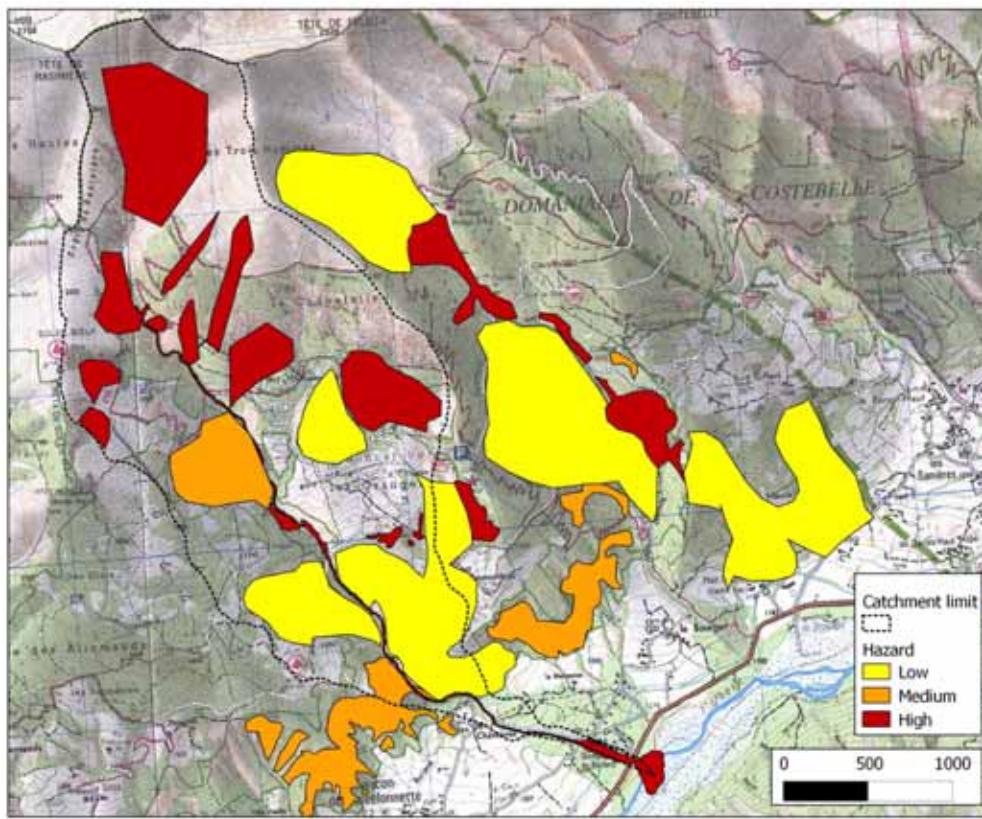


Carte des aléas naturels (Hazard map)

Hazard level	Description	Type
3	High	Active landslides, Debris flows, Rock fall, Gullies
2	Moderate	Erosion, Dormant landslides with connection to a torrent
1	Low	Dormant Landslides with no connection to a torrent
0	Considered as no hazard	Areas with no recognized hazards



Carte des aléas naturels (Hazard map)



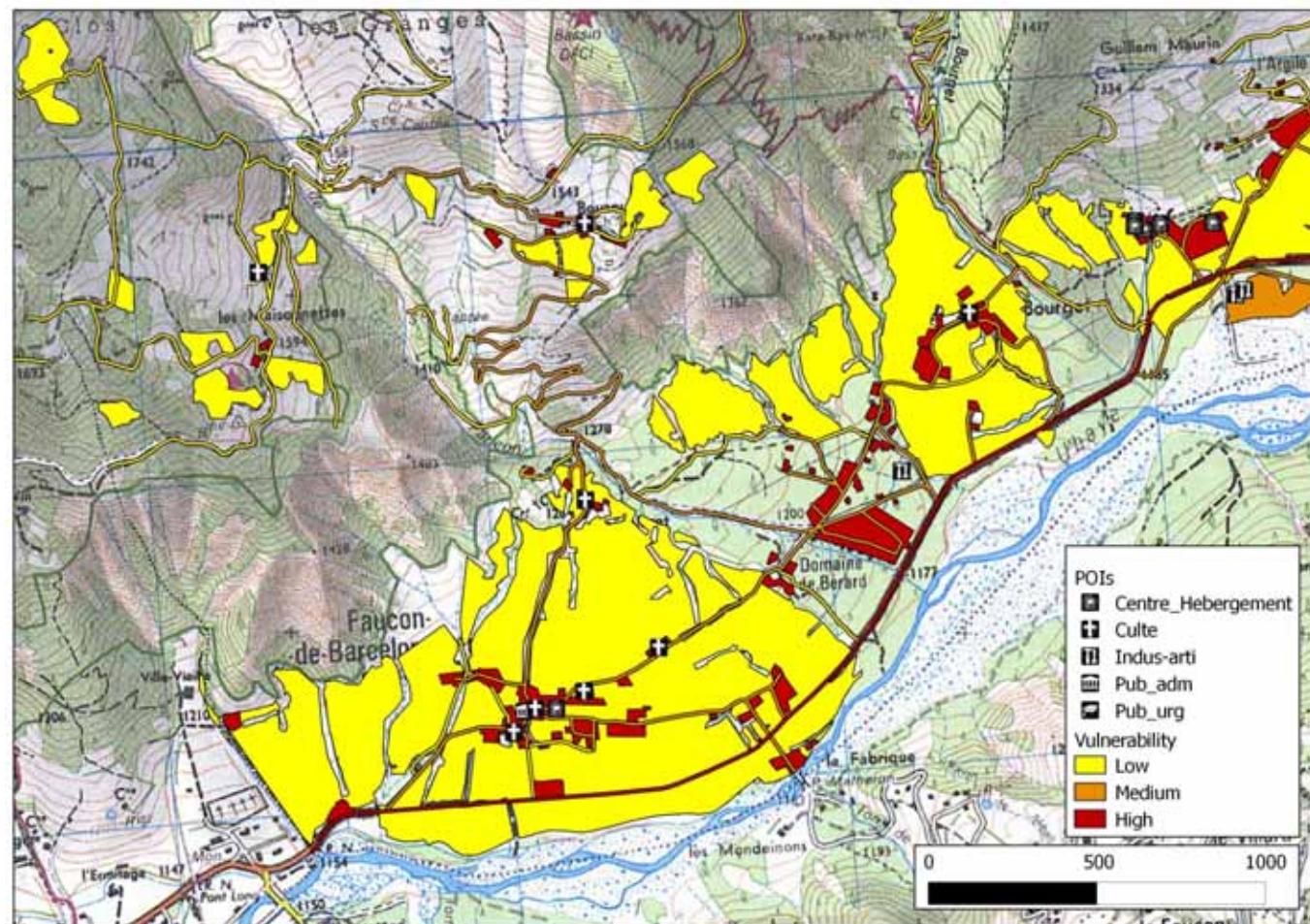


Carte des enjeux (Stakes threatened)

Roads		Landuse	
Class	Value	Class	Value
Major	3	Urban	3
Secondary	2	Mineral Extraction Site	2
Minor	1	Arable Land, Crops	1

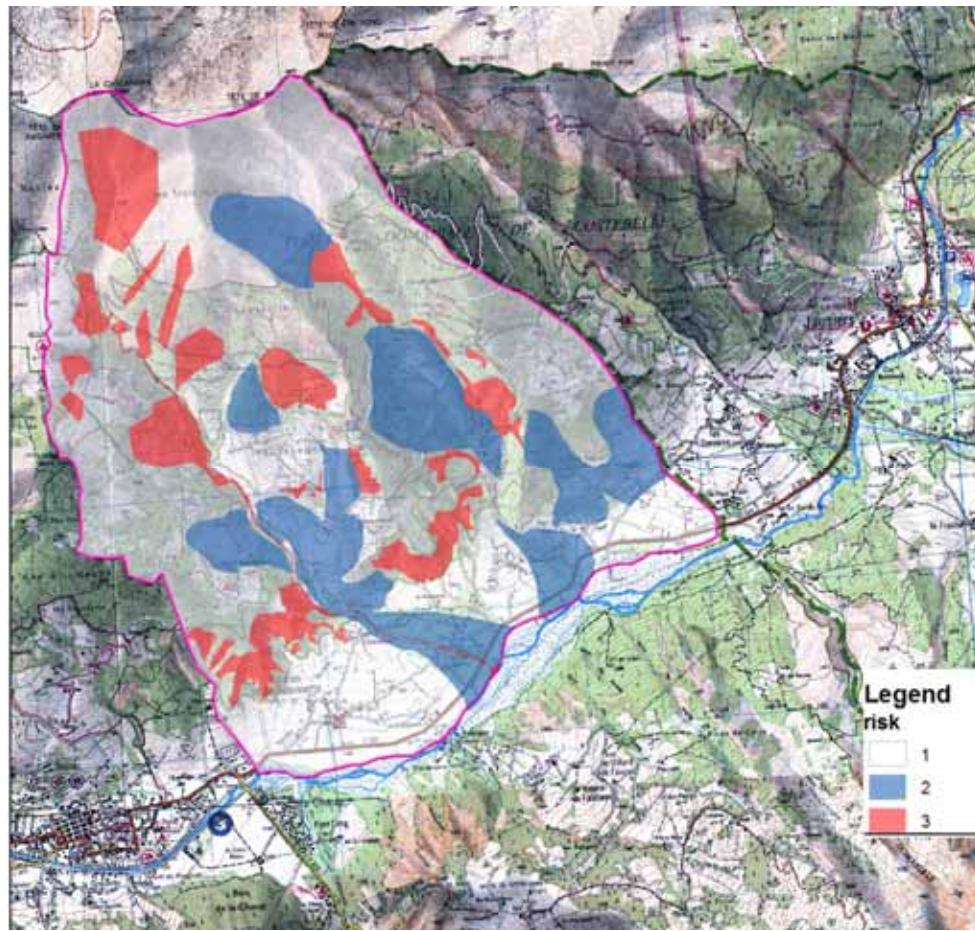


Carte des enjeux (Stakes threatened)





Proposition de zonage (Risk map)





Commets

- Based on historical events
 - Not considered future unobserved events
- Could see changes in the area
- Ubaye River floods were not investigated
- Speaking French helps!



Merci beaucoup

