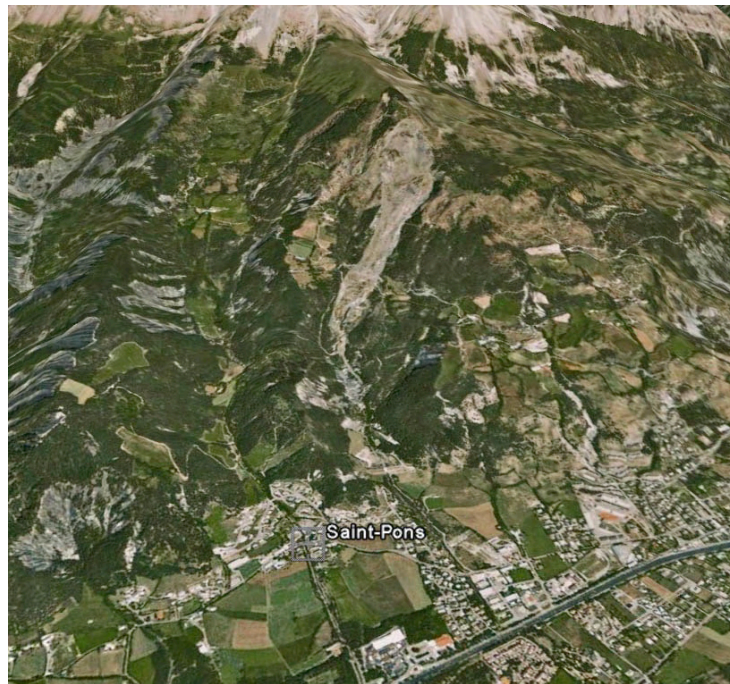




PROTECTING MOUNTAIN SOCIETIES FROM NATURAL HAZARDS: PLANS OR DAMS?



24-29 June 2013, Barcelonnette, France

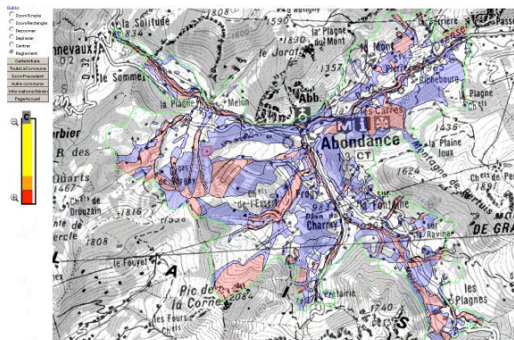
PROGRAMME

❖ Sunday June 23:

- 19.00: Registration opening at Seolane, Barcelonnette
 Airport pickup: 18.30 at Marseille Marignane Airport
 19.00 at Aix-en-Provence/Marseille TGV train station

❖ Monday, June 24: Session on non-structural prevention measures (Part 1)

- 8.30-9.00: Welcome address by course organisers
 9.00-10.00: Lecture - The French Risk Mapping methodology (*J.-P. Malet, CNRS*)
 10.00-10.30: Coffee break
 10.30-11.30: Lecture - The Swiss Risk Mapping methodology (*M. Jaboyedoff, UNIL*)
 11.30-12.30: Example of Risk prevention plan in PACA Region (*N. Marçot, BRGM PACA*)
 12.30-14.00: Welcome cocktail and lunch
 14.00-17.00: Practical course – Creation of risk maps using French and Swiss methodologies
 (*P. Nicolet, A. Mathieu, C. Michoud, A. Remaître*)
 17.00-18.00: Short (2 min, 1 slide) presentation of the research topics of the attendees
 19.00-20.00: Dinner
 20.30-22.00: General Public Conference (in French) - Prévention et assurance : comment agir face aux risques de catastrophes naturelles ? (*R. Nussbaum, MRN*)



❖ Tuesday, June 25: Session on non-structural prevention measures (Part 2)

- 9.00-10.30: Practical course – Creation of risk maps using French and Swiss methodologies
 (*P. Nicolet, A. Mathieu, C. Michoud, A. Remaître*)
 10.30-11.00: Coffee break
 11.00-12.30: Practical course – Creation of Risk map using French and Swiss methodology
 (*P. Nicolet, A. Mathieu, C. Michoud, A. Remaître*)
 12.30-13.30: Lunch
 13.30-15.30: Practical course – Presentation of the risk maps prepared per research group
 15.30-16.00: Coffee break
 16.00-17.00: Promoting Public/Private partnerships for the development of natural catastrophe insurance in Europe
 (*R. Nussbaum, MRN*)
 17.00-18.00: Lecture - Conceptual modeling of human-floods interactions
 (*G. Di Baldassarre, UNESCO IHE*)
 20.00: Dinner



❖ **Wednesday, June 26: Session on non-structural prevention measures (Part 3)**

- 9.00-10.30: Lecture - Torrential flood and sediment transport monitoring techniques
(F. Liebault, IRSTEA)
- 10.30-11.00: *Coffee break*
- 11.00-12.30: Lecture - Torrential flow modeling for hazard assessment (D. Laigle, IRSTEA)
- 12.30-13.30: *Lunch*
- 13.30-14.30: Lecture - Detection of thresholds in monitoring time series (T.A. Bogaard, TUD)
- 14.30-16.00: Practical course 1 -Torrential hazard assessment (D. Laigle, IRSTEA)
- 16.00-16.30: *Coffee break*
- 16.30-18.00: Practical course 2 - Identification of thresholds for torrential floods and landslides triggering
(A. Remaitre, UdS)
- 18.30-19.30: Lecture - The view of a practitioner: hydrological hazards and early-warning criteria
(E. Peters, Alert Solutions)
- 19.00-20.00: *Dinner*

❖ **Thursday, June 27: Session on non-structural prevention measures (Part 4)**

- 8.30-18.00: Field work - Practical use of instruments in the field. A monitoring day at Super-Sauze with the presentation of GPS, LiDAR, total station, hydrology, geotechnics and geophysical techniques (J.-P. Malet, C. Michoud, T.A. Bogaard, V. Marc)
- 19.00-20.00: *Dinner*
- 20.30-21.30: Evening Conference: Risk mitigation measures along Alpine valley floors – Return of experiences (F. Luino, CNR-IRPI)



❖ **Friday, June 28: Session on structural prevention measures**

- 8.30-10.00: Lecture – Basic principles for functional and structural design of torrent check dams – theory and methodology (J.-M. Tacnet, IRSTEA)
- 10.00-10.30: *Coffee break*
- 10.30-12.00: Practical course - Basic principles for functional and structural design of torrent check dams – Application (J.-M. Tacnet, IRSTEA)
- 12.00-13.00: *Lunch*
- 13.00-14.30: Lecture - How to process monitoring data?
(J.-P. Malet, C. Michoud)
- 14.30-16.00: Practical course - How to process monitoring data?
(J.-P. Malet, C. Michoud)
- 16.00-16.30: *Coffee break*
- 16.30-19.00: Field visit: A landslide with an operational EW system: the La Valette landslide
- 19.30-20.30: *Dinner*
- 20.30: Invited Conference: Partnerships among decision makers and scientists for risk management (E. Leroi, URBATER)



❖ **Saturday, June 29: Operational warning systems and DSS for urban/rural areas affected by hydrological hazards**

9.00-10.30	Human-induced landslide in rural contexts	(C. Michoud, UNIL)
10.30-11.00	Coffee break	
11.00-12.30	Decision Support Systems in risk management: from theory to practice	(S. Sterlacchini, CNR-IDPA)
12.30-13.30	Lunch	
13.30-15.30	Integrated platforms for monitoring and warning systems in DSS contexts	(S. Frigerio, CNR-IRPI)
15.30-16.00	Coffee break	
16.00-18.00	Field visit: A landslide in an urbanized area, the Adroit landslide	
20.30-22.00:	General Public Conference (in French) – Crues et laves torrentielles en Ubaye – Historique de gestion et connaissances actuelles	(A. Remaître, UdS)