

Wednesday, 24 May 2017

Field trip

Rockfall risk management in the Montserrat massif

Technical Topics:

- Rockfall **hazard and risk** characteristics in Montserrat Mountain:
 - Sanctuary (2.4 million visitors/year)
 - Natural Park (0.8 million visitors/year)
- Singular rockfall events and effects on:
 - Access infrastructures (roads and rack railway)
 - Buildings (touristic and sanctuary / monastery)
- Rock face **monitoring** by:
 - Jointmetric sensors in a wireless network
 - TLS or terrestrial LiDAR
 - Gb-DInSAR
 - Total Station
- Rockfall **protection**, and acrobatic works:
 - Stabilization works
 - Protective fences

The program will include short visits to touristic spots:

- Sanctuary
- Rack Railway and funicular
- Natural Park

Tentative timetable:

Departure from Barcelona: 8:30

Return back to Barcelona: 18:30 (complete trip)

Return back to airport at 16:00 (possibility)

INCLUDED: transportation and meals



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