



Groupe APS

Association pour l'identification et l'étude des pathologies d'origine sismique dans le bâti ancien



Cagnes-sur-Mer harbour

IX^o Meeting of the APS Group

6-8 December 2010, Cagnes-sur-Mer

Archeo-seismicity

&

Tsunamis in the Mediterranean Basin

For all enquiries
contact:

Groupe APS
Centre archéologique
Rémy Marichal
Oppidum de Ruscino
Château-Roussillon
F-66000 Perpignan
Tél. : 00 33 (0)4 68 67 47 17
Fax.: 00 33 (0)4 68 67 23 90
groupeaps@free.fr
<http://www.geoter.fr/aps/>

The APS Group brings together experts, specialists, and researchers concerned with archeo-seismicity, effects of earthquakes on old buildings, their vulnerability, and the local seismic cultures.

Constituted as a non profitable cultural association, the APS Group allows the regular organisation of meetings, widely opened to scientific disciplines involved in seismological matters, as well as to institutions and professional organisations in the building industry, heritage preservation, architecture, and archaeology sectors.

Its objectives :
-Initiate and develop studies aiming at the identification and time determination of disorders of seismic origin in old buildings
-Identify and classify elements of local seismic resistant cultures in order to contribute to the reduction of the vulnerability of old buildings
-Participate to the improvement of prevention by sharing with society at large the technics and knowledge in this field.



Scientific Committee

Anne-Marie Duval (CETE Nice), Bruno Helly (MOM Lyon II), Bertrand Grellet (Geoter), Richard Guillaude (GSC), Georgia Poursoulis(Dia-Gnossis), Marc Vinches (Mines d'Alès).

Organising Committee (APS Group)

Bertrand Grellet, André Laurenti, Isabelle Rébé, Marc Vinches.

Call for papers

Theme 1 : Tsunamis in Mediterranean Basin : combined approaches : archaeology, history, geology, seismology.

Whether mythical or real, tsunamis are part of the Mediterranean history. For a number of years, studies concerning moments of this history have been carried out leading to the discovery of evidence of these natural events and of their aftermaths such as the Santorino volcano outbursts, up to modern times, traces of marine movements revealed by historical references and geomorphological studies, on the shores of Turkey, Crete, Syria, Alexandria, Sicily or Gibraltar straits, and other places.

The APS group invites archaeologists, historians, geologists, and seismologists who have studied these phenomena to « combined approaches » in the hope of progressing in observations, investigation methods, historical interpretations, and hazard assessment.

Theme 2 : Historical seismicity in the Southern Alps and the Liguria Basin and its consequences.

The Southern Alps region, and the Liguria Basin have witnessed important seismic events. One of the more seismic European regions, with in particular a series of earthquakes : Vesubie valley (Alpes-Maritimes, France) from the XVth to the XVIIIth century, then the Liguria Basin during the XIXth century. The 23rd February 1887 Ligurian earthquake, with an epicentral intensity of IX on the MSK scale ($M > 6.5$) is considered as one of the strongest to have been recorded in the area. This earthquake generated 2 m high run-up tsunamis, between Genova and Antibes. We invite contributions concerning the characteristics of these events, as well as their effects.

Calendar

Proposed communication titles are to be sent together with a 10 to 20 line abstract for the 17th, September 2010 in order to be examined by the Scientific Committee. Authors of accepted papers will be notified before 15th, October 2010. Final papers are to be handed over to the Scientific Committee for the 19th, November 2010.

Communications will be presented on the 6th and 7th December 2010, and there will be a visit of the Peille village on the 8th, December 2010 (23rd, February 1887 earthquake effects).

Each presentation is expected to be 20 minutes long, followed by a 10 minute long discussion. Papers will be published in a proceedings book, in 2011.