



3rd FluValps Meeting, Barcelona, 30.11.2009

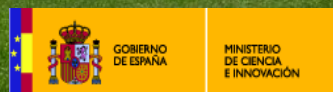
Sensitivity of alpine rivers to Global Change:
High-resolution palaeoenvironmental records and modeling of extreme flood events in the Swiss Alps

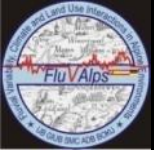
FluValps

Research Project 2006-2009

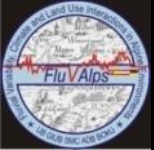
FluvGeoQuim 2009-2010

Fluvalps-plus Project 2009-2012





Session 1: Fluvalps-3000 Project - Results			
Time	Speaker	Duration	Title
9:00	Lothar Schulte	15 min	General meeting and project information
9:20	Marta Baró	15+5	Historical climate variability of the Berneses Alps derived from geochemical proxies of the Lütschine fan delta
9:40	Francesc Burjachs	15+5	"Palynology: State of the Art. Vegetal landscape and relationship with geochemistry".
10:00	Lothar Schulte	15+5	Palaeoenvironmental reconstruction of alluvial fan aggradation processes
10:20	Mariano Barriendos	15+5	Reconstruction of synoptic atmospheric patterns in Western Europe during severe flood events in the Berner Oberland from 1780 to 1880
10:40	Coffe break	20 min	
11:00	Juan Carlos Peña	15+5	Severe flood events over Alpine regions: links with the climatic variability and the large-scale atmospheric circulation patterns
11:30	Thomas Schmidt, Max Lauffer	15+5	Evidence from historical buildings for the reconstruction of flood levels and fan delta aggradation in the Bernese Alps.
11:50	Lothar Schulte	40 min	Final conclusions of the Fluvalps-3000 Project: About the potentials of fluvial sedimentary time series for palaeoenvironmental research and flood hazard assessment.
12:30	Discussion	30 min	Project results and their application; Project evaluation and possible improvements
13:00	End of session		Lunch at L'Antic Forn (Carrer Pintor Fortuny, 28) at 13:30



Session 2: Fluvalps-plus Project: New methodological approaches

Time	Speaker	Duration	Title
15:00	Lothar Schulte	30 min	General project information – principal goals
15:30	Johanna Lomax	15+5	New developments in luminescence dating of fluvial and glacio-fluvial sediments
15:50	Toni Barrera	15+5	Dynamical downscaling to develop regionalized future climate scenarios in alpine environments
16:10	Agustín Hernando	15+5	Landforms and historical cartography
16:30	Patricio Rubio	15+5	Chilean Andes: additional future Fluvalps research activities
16:50	Coffee break	20 min	

Session 3: Fluvalps-plus Project: Study area and project strategies

Time	Speaker	Duration	Title
17:10	Thomas Schmidt	15 min	The Fluvalps Web page: a useful platform for spreading information of the group research activities
17:25	Renate Ebersbach, Elisabeth Zahnd	15+5	(Pre-)history of human impact in the upper Aare valley - archaeological data
17:45	Lothar Schulte	20 min	The study area and some paleoenvironmental results from the Hasli valley
18:05	Group	60 min	Discussion: Project strategies and schedule
19:00	Closure		

Location of the accommodation and the Fluvial Meeting

