

Cross-community workshop on past flood variability (June 27-30, 2016)
MSH-Alpes – Grenoble – France

Programme

27.06.2015		
18.00-20.00	<i>Welcome of participants - opening cocktail</i>	Room Lliboutry - LGGE
28.06.2015		
	Session I	Speaker
8.30-9.00	Opening	Hall
9.00-9.20	Introduction (aims, programme, etc.)	
9.20-9.40	Keynote Documentary evidences	N. Macdonald
9.40-9.55	Talk	M. Barriendos
9.55-10.10	Talk	R. Glaser
10.10-10.30	Keynote Tree-rings	S. St George
10.30-11.00	Coffee break	Hall
11.00-11.20	Talk	J. Ballesteros
11.20-11.35	Talk	M. Therell
11.35-11.50	Talk	U. Kunwar Thapa
11.50-12.10	Keynote Speleothems	R; Denniston
12.10-12.25	Talk	M. Lütcher
12.30-14.00	Lunch	Hall
14.00-14.20	Keynote Fluvial sediments	M. Macklin
14.20-14.35	Talk	L. Dezileau
14.35-14.50	Talk	L.Ji
14.50-15.05	Talk	M. Velez
15.05-15.15	Talk	U. Lombardo
15.15-16.45	Coffee break + poster session I	Hall
16.45-17.05	Keynote Lake sediments	B. Valero-Garcès
17.05-17.20	Talk	F. Arnaud
17.20-17.35	Talk	F. Anselmetti
17.35-17.50	Talk	P. Francus
17.50-18.05	Talk	S. Bertrand
19.30-22.00	Dinner	Restaurant Canberra 430 Rue de la Passerelle, Saint-Martin-d'Hères

29.06.2015			
	Session II		Room
9.00-9.20	Keynote multi-archive approach	L. Schulte	
9.20-9.35	Talk	G. Benito	
9.35-9.50	Talk	M. Czymzik	Amphiteatre
9.50-10.05	Talk	R. Chiverell	
10.05-10.20	Talk	T. Swierczynski	
10.20-10.50	Coffee break		Hall
	Discussion on database		
10.50-11.05	Talk on the PAGES Varves WG database	P. Francus	Amphiteatre
11.05-11.20	Talk on the PAGES VICS WG database	S. St George	Amphiteatre + Meeting rooms
11.20--12.30	Sub-group discussions (per archive)		30pers + 15pers + Open meeting room
12.30-14.00	Lunch		Hall
	Session III		
14.00-14.20	Keynote Analysis tools	M. Mudelsee	
14.20-14.35	Talk	A. Valdes	
14.35-14.50	Talk	J Polanco	Amphiteatre
14.50-15.05	Talk	L. Elleder	
15.05-15.20	Talk	O. Wetter	
15.20-15.35	Talk	W. Toonen	
15.35-15.50	Talk	T. Liu	
15.50-16.30	Coffee break + poster session II and III		Hall
	Discussion on database		
16.30-17.15	<i>Plenary session (Summary of group discussions)</i>		Amphiteatre
	Discussion on 'review paper(s)'		
17.15-18.30	<i>Plenary session</i>		Amphiteatre

30.06.2015			
	Discussion on future products and projects		
9.00-9.10	Introduction		Amphiteatre
9.10-9.30	Talk	V. Baker	
9.30-10.30	Plenary discussion		Hall
10.30-11.00	Coffee break		
11.00-12.00	Plenary discussion		Amphiteatre
12.30-14.00	Lunch		Hall

List of talks and posters

Authors	Oral / Poster	Title
Session I		
Neil MacDonald	O	Documentary flood records, so much more than just a flood magnitude
Mariano BARRIENDOS	O	Contribution of documentary archives to past flood variability. Limitations and opportunities in Western Mediterranean Basin
Rüdiger GLASER et al.	O	Floods in Central Europe since AD1000 – data, methods and results in the context of modern risk analysis ...
Georges PICHARD et al.	P	A multi-secular database (AD 1300-2000) on the historical flood variability in the Lower Rhone Valley
Michel LANG et al.	P	BDHI : a French national database on historical floods
Scott St George	O	Trees as flood sensors
Juan A. BALLESTEROS et al.	O	Paleoflood reconstruction in the Indian Himalayas based on tree rings
Matthew THERRELL et al.	O	Anatomical variability in tree-rings related to large-scale flooding
Uday KUNWAR THAPA et al.	O	An evaluation of the Nepal Himalaya tree-ring network and its potential application to paleodischarge studies
Rhawn Denniston	O	Speleothems as Records of Discrete Flood Events
Marc Lütscher	O	Tracking extreme precipitation events in speleothems: examples from the Alpine and Mediterranean regions
Mark Macklin	O	Flood records from river sediments and the geomorphology of climate change impacts
Laurent DEZILEAU et al.	O	A multi-dating approach applied to historical slackwater flood deposits of the Gardon River, SE France
Maria I VELEZ et al.	O	Late Holocene Paleoflood History of the Cauca River, Colombia (S.A)
Umberto LOMBARDO	O	Paleosols and floods throughout the Holocene in the Southern Amazonia foreland Basin
Lin_JI et al.	O	Extraordinary paleofloods response to Holocene climatic change over the East Asia monsoon zone (...)
Samuel MUNOZ et al.	P	Overbank flooding of the Mississippi River in the context of late Holocene climatic variability and land use change
Jessica MOLONEY et al.	P	Extending the palaeoflood record: assessing the reliability and viability of palaeoflood records
Poorna YAHAMPATH	P	Evidences of past-floods in Pleistocene Ratnapura, Sri Lanka
Blas Valero-Garces et al.	O	Millennial-scale flood variability in the Iberian Peninsula from Lake Records: a review
Fabien ARNAUD	O	Is deeper the better? The potential of deep coring in deep large perialpine lakes to get plurimillennial flood records
Flavio ANSELMETTI et al.	O	Patterns and controls of Holocene flood frequency across the Swiss Alps on the basis of 4700 lacustrine flood layers
Pierre FRANCUS et al.	O	Diversity of the signature of floods within varves sediments of North America
Sebastien BERTRAND et al.	O	The potential of fjord sediment geochemistry for high-resolution paleohydrological reconstructions
Pierre SABATIER et al.	P	Mid to Late Holocene flood activity in Northern French Alps (Lake Savine)
Ioana PERSOIU et al.	P	Holocene floods in the inner Carpathian Region, Eastern Europe

Session II

Lothar SCHULTE	O	The challenge of multidisciplinary reconstruction of paleofloods (keynote)
Gerardo BENITO	O	Palaeoflood analysis from fluvial and lake records in Spain
Markus CZYMZIK et al.	O	Calibrating detrital layers in varved lake sediments for quantified flood reconstruction
Tina SWIERCZYNSKI et al.	O	Understanding floods and risks of the last 7000 years at Lake Mondsee
Richard CHIVERELL et al.	O	Quantifying magnitude and frequency of recent extreme floods using lake sediment records from the UK
Tobias SCHNEIDER et al.	P	Ultra-high resolution flood history in lake sediments from SW Ecuador of the <i>past two thousand years: El Niño or not?</i>

Session III

Manfred Mudelsee	O	Statistical Flood Risk Analysis: From Paleo to Present
Josué POLANCO MARTINEZ et al.	O	The BINCOR R package: a computational software to estimate the correlation between two irregular paleoclimate time series
Arturo VALDES	O	Historical floods in Tabasco and Chiapas during sixteenth–twentieth centuries
Libor ELLEDER	O	Hydrological Approach for Flood Reconstruction Reconstruction of peak water levels, peak discharges and long-term occurrence of (...) flood events of rivers (...) in Switzerland
Oliver WETTER	O	Historical and palaeoflood records to assess flood risk and the impacts of climate change (...)
Willem TOONEN	O	Paleoflood Hydrology in China, a Review
Tao LIU et al.	P	Synoptic conditions, convective indexes and timescale during the major flash floods in NE Iberian Peninsula since 1871
David PINO	P	Anatomies of extreme Paraná River floods: Contributions of different time scales
Andres ANTICO et al.	P	Spatial and temporal flood variability in the Ebro basin since 1600 AD
Carles BALASCH	P	Patterns of extreme climate indices associated with observed and proxy Ammer river floods
Monica IONITA et al.	P	A method to evaluate the average holocene palaeoflood
Xavier CASTELLFORT et al.	P	Climate drivers of high-summer floods in Switzerland (1800-2010)
Juan Carlos PENA et al.	P	

Additional talks

Pierre FRANCUS et al.	O	Discuss the 'ideal' data format (required fields) for a palaeoflood database
Scott ST GEORGE	O	Discuss experience from another PAGES WG
Victor R. BAKER	O	Global extreme flood archive for advancing science and hazard mitigation