

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

Provisionnal programme

27.06.2015		
18.00-20.00	Welcome of participants - opening cocktail	Venue to be defined

28.06.2015			
	Session I	Speaker	Room
8.30-9.00	Opening		Hall
9.00-9.20	Introduction (aim, programme, etc.)		
9.20-9.40	Keynote Documentary evidences	N. Macdonald	
9.40-9.55	Talk	M. Barriandos	Amphiteatre
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	Amphiteatre
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	Amphiteatre
14.50-15.05	Talk	M. Velez	
15.05-15.15	Talk	U. Lombardo	
15.15-16.45	Coffee break + poster session		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	Amphiteatre
17.35-17.50	Talk	P. Francus	
17.50-18.05	Talk	S. Bertrand	
19.30-22.00	Dinner		Venue to be defined

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	
15.35-16.00	Coffee break + poster session		Hall
	Discussion on database		
16.00-17.00	<i>Plenary session (Summary of group discussions)</i>		Amphiteatre
	Discussion on 'review paper(s)'		
17.00-18.30	<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
Neil MacDonald	O	Documentary flood records, so much more than just a flood magnitude (keynote)
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
Scott St George	O	Trees as flood sensors (keynote)
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 (keynote)
Marc Lütscher	O	Tracking extreme precipitation events in speleothems: examples from the Alpine and Mediterranean regions
Mark Macklin	O	Fluvial sediments, a key archive for long-term reconstruction (keynote, to be confirmed)
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 (keynote)
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
Ioana PERSOIU et al.	P	Holocene floods in the inner Carpathian Region, Eastern Europe

Session II

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| 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

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| Manfred Mudelsee | O | Statistical Flood Risk Analysis: From Paleo to Present (keynote) |
| 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 |
| Oliver WETTER | O | Reconstruction of peak water levels, peak discharges and long-term occurrence of (...) flood events of rivers (...) in Switzerland |
| Willem TOONEN | O | Historical and palaeoflood records to assess flood risk and the impacts of climate change (...) |
| Tao LIU et al. | O | Paleoflood Hydrology in China, a Review |
| David PINO | P | Synoptic conditions, convective indexes and timescale during the major flash floods in NE Iberian Peninsula since 1871 |
| Andrés ANTICO et al. | P | Anatomies of extreme Paraná River floods: Contributions of different time scales |
| Carles BALASCH | P | Spatial and temporal flood variability in the Ebro basin since 1600 AD |
| Monica IONITA et al. | P | Patterns of extreme climate indices associated with observed and proxy Ammer river floods |
| Xavier CASTELLFORT et al. | P | A method to evaluate the average holocene palaeoflood |

Additional talks

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| 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 |