

PAGES



FLOODS

FLOODS WORKING GROUP

Annual meeting

PAGES 5th OSM – Zaragoza, May 13th 2017, 13.00-15.00



'Past flood' researchers



Floods Working Group



'Analysis' researchers

Leaders

Bruno Wilhelm,
Juan Antonio Ballesteros Cánova

Scientific committee

Scott St. George,
Markus Stoffel,
Rhawn Denniston,
Blas L. Valero Garcés,
Achim Brauer,
Gerardo Benito,
Mark G. Macklin,
Lothar Schulte,
Neil Macdonald,
Manfred Mudelsee,

- ⇒ Promote collaborations between all these communities
- ⇒ Foster 'in-depth' analysis of results and synthesis on past floods



‘Cross community workshop on past flood variability’

Grenoble, France, 27-30 June 2016

- **47 participants / 16 countries / 3.5 days**
- **Presentations and workshop report are available on the PAGES website**
- **Main objectives:**
 - 1. Better know each other (different communities)**
 - **Co-sponsoring of 5 interdisciplinary sessions in conferences (EGU, AGU, GSA, OSM, etc.)**
 - **Project ‘Who is who’ – M. Alhborn**



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 - **White paper**



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 - 3. Actions to communicate on palaeoflood records to a broad audience**
 - **Participation to workshops (Future Earth E3S, Warmer worlds)**
 - **Publications - ‘Review papers’**



Using Archives of Past Floods to Estimate Future Flood Hazards

Cross Community Workshop on Past Flood Variability; Grenoble, France, 27–30 June 2016

By Tina Swierczynski, Monica Ionita, and David Pino ⌚ 13 January 2017



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 - 4. Identify and store existing palaeoflood records in a unique place**
 - **Creation of a (meta)database – M. Kahle**

Annual meeting - Program

Introduction

Juan Ballesteros and Bruno Wilhelm

Ongoing projects

Who is who
Database project

Marieke Ahlborn
Michael Kahle

Emerging projects

Interdisciplinary flood reconstruction
Linking our science to the stakeholder needs

Lothar Schulte
Juan Ballesteros

Strategy and activities for the coming year(s)

White paper
Short paper
Review paper

Juan Ballesteros and Bruno Wilhelm
Vic Baker and Gerardo Benito
Juan Ballesteros and Bruno Wilhelm

'Who is who'

Marieke Ahlborn

'Database project'

Michael Kahle, Pierre Francus and Ruediger Glaser

Sub-group coordinators:

Historical archives: **Neil Macdonald, Oliver Wetter & David Pino**

Tree rings: **Scott St George**

Fluvial sediments: **Willem Toonen, Samuel Munoz & Tao Liu**

Lake/fjord sediments: **Pierre Sabatier, Pablo Corella & Markus Czymzik**

Speleothems: **Rhawn Denniston & Marc Lütscher**

‘Interdisciplinary flood reconstruction’

Lothar Schulte

‘Linking our science to the stakeholder needs’

Juan Ballesteros & Tina Swierczynski

‘White paper’

Juan Ballesteros & Bruno Wilhelm

To define a clear and common strategy for the palaeoflood community

WP1: communication / dissemination on paleoflood data / science

Gerardo, Vic

WP2: Reconstructed palaeoflood data (database project)

Michael Kahle + all database people

WP3: Integration and analyse of palaeoflood data (statistics / hydro-clim. modelling)

Lothar – Manfred - Scott

WP4: Link to stakeholders / societies

Juan and Tina

>> Short list of people by WP to interact on the abstracts

‘White paper’

Juan Ballesteros & Bruno Wilhelm

Step 1: work by WP

Initial leaders: write a WP abstract (1/2 page)

Small groups of interested people contributing to refine/develop WP

Summer 2017

>> **interested people has to contact WP leaders**

Step 2: work on the complete White Paper

First version (integration of all WPs)

Distribute to the whole WG (refinements)

Final version

Autumn 2017

This white paper can be updated from meeting to meeting

'Short paper'

Vic Baker and Gerardo Benito

'Review paper'

Bruno Wilhelm and Juan Ballesteros

Objective: non-technical paper to communicate on paleoflood science/data to a broad audience (e.g. hydrologists / engineers)

Target: 'Wiley Interdisciplinary Reviews: Water' (WIREs)

Format: 4000-8000 words + 6-7 figures

Signed by the contributors of the FWG, e.g. the 'PAGES Floods Consortium'

Step 1: Build a **paper structure**

Step 2: Leaders **write their part** (1500 words max. = per archive)

summer 2017

Step 3: Small groups of interested people contributing for **refinements**

>> **interested people has to contact section leaders**

Step 4: Compilation and homogenization for a **first version**

autumn 2017

Step 5: **Final approval** by all contributors

end of year 2017

'Next meeting'

Certainly before / after EGU (1-2 days)

Format depending of the activity progress in the next months