

Minutes from the annual FWG meeting carried out at the EGU 2018

Version 01

This document describes the main points addressed during the FWG meeting developed during the European Geoscience Union on 11 April 2018.

Attendees: 14, plus meeting drivers Bruno Wilhelm (BW) and Juan A. Ballesteros (JABC)

Document attached: Slides of the presentation

13:30 - Meeting starts

BW introduces the main activities developed during the first phase of the FWG, which includes those developed after Grenoble meeting (i.e. Knowing each other; Data; Communication and guidelines for the FWG). Outputs from the project “Knowing each other” is presented, showing the excel files with key information about researcher, as well as the [location map](#) implemented in the FWG-PAGES web site. The project on collecting, storing and sharing data” is briefly introduced since Michale Khale (MK) explains it later on. The “Communication” activities are presented, as activities like specific workshop, two papers in review and the EOS paper in 2017. It is presented as well the special issue in *Global and Planetary Change* derived from the Zaragoza meeting and led by Lothar Schulte (see below). Finally, the White paper developed in 2017 is presented as a guideline for the preparation of the second FWG phase proposal.

In the following, the three Work Packages described in the [White paper](#) are presented

14:00 - WP1: Michale Kahle presents the database project

MK presents the fundamentals of the database project, the issues related to the data-format, and the potential advantages of the LiPD format. He also introduced the launched wikis, where members are expected to give inputs on data-related issues.

After the presentation, a round of discussion is open. It highlighted the need to manage our data as real observations that describe the reality of flood processes and not simply numbers or proxy, when communicating with other researchers and engineers. It was stressed the need to highlight the value of “talk about information” rather than simple numbers or proxy. In this regards, the format should be flexible enough to include these kind of qualitative information. The complexity of the proposed data structure format is also pointed and its normalization when including different archives, yet MK argued that it must be checked with a subset and suggests to collect examples from each archive to test the feasibility of the LiPD format. The discussion ends concluding that it is beneficial to have such as database, and that MK can make the effort to include subset of data from each archive. MK calls for examples properly described to be included. It is agreed that MK will

make formally this call in the email list in the subsequent days, including advertisement of the ongoing wikis.

14:30 - WP2: Lothar Schulte (LS) presents data analyses

LS presents the main ideas discussed in the WP2 for data analyses, specially concerning the possibility to merge different archives. He shows the main problem when combining different data sources. Besides, he introduces the special session to be developed in INQUA 2019 co-sponsored by the FWG; and the idea to develop a Paleohydrology meeting in New Zealand in 2020. The following discussion concluded that preparing something in New Zealand could be timely, especially since its influence in Asia continent. LS also presents the project related to the special issue in Global and Planetary Change. However, two days after the FWG meeting, last Friday, April 13th 2018, the EVISE application for paper submission to Global and Planetary Change were opened successfully.

15:00 - WP3: Juan A. Ballesteros (JABC) presents the Stakeholder engagement.

JABC presented the main goals of the WP3, i.e. disseminate the FWG information; communicate findings; raise awareness, specially targeting stakeholders. JABC presented the main actions to be developed: i.e. short communication in stakeholder forums (i.e. Community of end user in Brussel 2018), special actions revising the add value of paleoflood information in past /recent flood disasters, possibility to raise a COST action in this topic.

During the discussion, it has been pointed out the need to focus in both floods-droughts as an important issue for water resources management and dams managing. People agree with the idea to explore the possibility of a COST action. In this case, the co-design process with stakeholders is essential.

15:30 - Follow up of the second phase

BW presents the opportunity to contribute for the next IPCC report at both: 1) regional to global synthesis; and assessment of the flood drivers. There is a discussion about the add value to engage IPCC. It is argued that Paleodata must be used not only to test performance of model in the past, but as a basis itself for future.

The last point was about the preparation of the second phase proposal. The FWG is close to the end of the first phase (autumn 2015 – autumn 2018) and the next call to renew the FWG will be in October 2018. Then, a proposal should be prepared in the next months. It was proposed to build this proposal, i.e. the next phase, on the White Paper. Finally, it was also observed that there is a need to involve more people (especially young researchers).