

First circular on the

Open kickoff meeting of the PAGES working group

Global Soil and Sediment Transfers in the Anthropocene (GloSS)

**at the Department of Geography University of Bonn, Germany
on 19th – 21st Aug. 2015**

Rational:

The proposed workshop is the first meeting of the newly launched GloSS working group. The GloSS kickoff meeting aims to set the boundary conditions for a successful operation of the working group's first phase for meeting its scientific goals:

- ***GloSS review:*** Presentation, discussion and, if necessary, modification of the GloSS objectives
- ***Update scientists:*** Keynote talks on the state of the art on continental/regional soil and sediment transfer in the Anthropocene are intended to draw the rough global picture on available knowledge and data
- ***Develop proxies:*** First brainstorming and preliminary list of proxies for, or indices of, human impact on rates of soil erosion and fluvial sediment transfer that are applicable at a global scale and throughout the Holocene
- ***Create database:*** Define regional task forces with one or two leader controlling the progress and road map of the working group

Program

1st day:

- Introduction to the GloSS aims
- Key note talks: State of the art of GloSS related studies in different parts of the world

2nd day:

- 5min-presentations of WS-participants highlighting implications for a global GloSS database
- Interactive discussions / breakout working groups: brainstorming and preliminary list of proxies
- Key-note talk: management of paleo-environmental databases, data-management

3rd day:

- Interactive discussions that aim to define tasks, milestones and major deliverables of the first phase of the GloSS working group
- Final discussion (identify regional task forces) and closing WS

Keynotes:

- N-America: Gary Stinchcomb
- Middle America: NN
- S-America: Juan Darío Restrepo Ángel (Department of Earth Sciences, EAFIT University, Medellín, Colombia)
- Europe: Gert Verstreaten (KU Leuven, Belgium)
- Asia:
 - India: Rajiv Sinha (Department of Earth Sciences, IIT Kanpur, India)
 - China: He Hongming (Chinese Academy of Sciences & Ministry of Water Resources), Ran Lishan, and Lu Xixi (National University of Singapore)
 - SE-Asia: Dan Penny (University of Sydney)
- Australia & NZ: NN
- Africa: NN
- Global: Jane Willenbring

Planned products:

- Definition of a roadmap of the GLoSS-WP for the next 3 years
- Establishing regional task forces that will ensure the successful implementation of the roadmap
- Continental reviews of GloSS related studies
- ***All participants will contribute (as a co-author) to a manuscript draft that synthesizes (1) paleoenvironmental proxies, and (2) outlines the data management plan of GLOSS?***

Scientific committee:

- Veerle Vanacker, Louvain (BE)
- Gary Stinchcomb, Murray State (USA)
- Dan Penny, University of Sydney (AUS)
- Lu Xixi, National University of Singapore
- Thomas Hoffmann, University of Bonn (GER)

To register for the WS please send an email including your contact details to: Thomas Hoffmann (Thomas.Hoffmann@uni-bonn.de). We will ask for a small conference fee (<50€), which covers the catering during the WS.

The GloSS-steering group is looking forward to see you in Bonn!

Contact

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