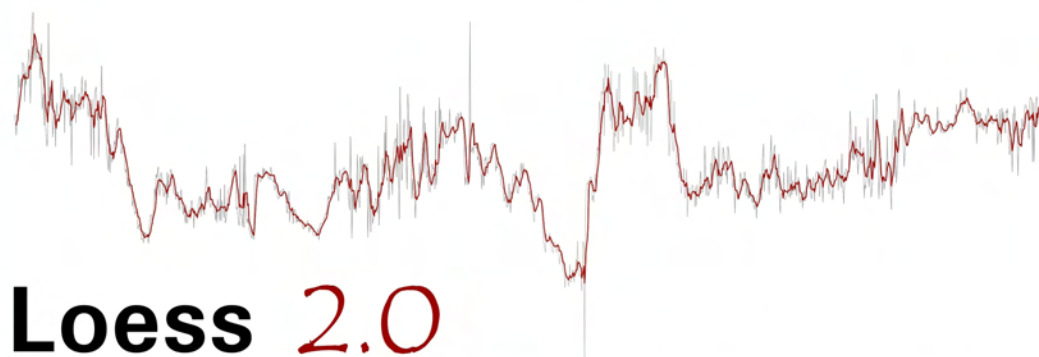




AGU FALL MEETING
2010



Milestones and Recent Advances in the Study of Loess, Dust, and Other Aeolian Sediment Archives

AGU Fall Meeting 2010, December 13-17, San Francisco

We encourage submission of abstracts to the Paleooceanography and Paleoclimatology session PP03 **Loess 2.0** for the AGU Fall Meeting 2010.

This session aims to provide a lively forum to review fundamental scientific steps in the study of aeolian sediment archives and discuss new innovative approaches that enhance our understanding of those records. Innovative contributions are welcome on the application of new and established methodological approaches; results on stratigraphy, geochronology, paleoclimatology, paleoenvironmental assessment; and geoarchaeology of aeolian deposits in the Northern and Southern Hemispheres. We especially encourage papers that either

(a) utilize high-resolution loess & dust records to reconstruct the timing and dynamics of past synoptic atmospheric circulation patterns on regional and inter-hemispheric scales;

(b) establish precise correlations and define atmospheric mechanisms that link continental loess/dust records with aeolian records in ice cores and/or the oceans; or

(c) address the challenging effort to incorporate the dust proxies of past atmospheric processes into climate models.

Submissions by students and young scientists are particularly encouraged!

Abstract submission deadline is 02 September, 2010
<http://www.agu.org/meetings/fm10/>

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Loess in SE Kazakhstan
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Loess 2.0 - Milestones and Recent Advances in the Study of Loess, Dust, and Other Aeolian Sediment Archives on AGU Fall Meeting, San Francisco, December 13-17, 2010

[Printer friendly Loess session flyer: <http://www.nakula.de/AGU2010/loess20.pdf>]

Dear Colleagues:

We encourage submission of abstracts to the **Paleoceanography and Paleoclimatology session PP03 ++ Loess 2.0 ++ for the AGU Fall Meeting, San Francisco, California, USA to be held December 13-17, 2010**. This session aims to provide a lively forum to review fundamental scientific steps in the study of aeolian sediment archives and discuss new innovative approaches that enhance our understanding of those records.

Submissions by students and young scientists are particularly encouraged!

The deadline for submission of abstracts is 02 September, 2010, 2359 EDT (Eastern Daylight Time). Abstract Submissions is open.

<http://www.agu.org/meetings/fm10/>

Session Announcement:

In recent years, rapid advances in the application of highly resolved sedimentological and geochemical studies, in combination with various geochronometric techniques and chronostratigraphic tools, have opened up new vistas in the investigation of paleo-records of atmospheric dust loading using aeolian sediment deposits. As these sediments are widespread on the continents, novel multi-proxy investigations enhance our understanding of long-term aeolian dust dynamics and climate variability, linking intra to inter-hemispheric climates on time scales ranging from glacial-interglacial to (sub)millennial.

Innovative contributions are welcome on the application of new and established methodological approaches; results on stratigraphy, geochronology, paleoclimatology, paleoenvironmental assessment; and geoarchaeology of aeolian deposits in the Northern and Southern Hemispheres. We especially encourage papers that either

(a) utilize high-resolution loess & dust records to reconstruct the timing and dynamics of past synoptic atmospheric circulation patterns on regional and inter-hemispheric scales;

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This session aims to provide a lively forum to review fundamental scientific steps in the study of aeolian sediment archives and discuss new innovative approaches that enhance our understanding of those records. **Submissions by students and young scientists are particularly encouraged!**

Conveners: ZhongPing Lai, Bjoern Machalett, Rick Oches, Helen Roberts

AGU Index terms: 4914, 4904, 0429, 1100, 1500

AGU's new abstract submission software

Please note AGU's new abstract submission software and procedure and first author policy: "First Authors can have a maximum of 1 contributed and 1 invited abstracts, or 2 invited abstracts." http://www.agu.org/meetings/fm10/program/abstract_submissions.php

Student Travel Grants

A limited number of Student Travel Grants for students who are first authors and presenters of a poster or oral presentation will be awarded to for the 2010 Fall Meeting.

Applications will be available 26 August 2010. <http://www.agu.org/education/grants/>

"Low Income Countries"

Special discounts on the registrations rates are available to those from low income countries.

<http://www.agu.org/meetings/fm10/registration/rates.php>

There is no abstract submissions fee for persons from qualifying low-income countries.

<http://www.agu.org/meetings/fm10/registration/low-income-countries.php>

Loess 2.0 session information:

http://www.agu.org/meetings/fm10/program/scientific_session_search.php?show=detail&sessid=577

We look forward to seeing many of you in San Francisco! If you have any questions please don't hesitate to contact one of the conveners.

Best wishes,

Zhongping Lai, Bjoern Machalett, Rick Oches, and Helen Roberts

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