



I.A.G./A.I.G. Working Group
SEDIBUD
Sediment Budgets in Cold Environments

Third I.A.G./A.I.G. SEDIBUD Workshop
*Sediment Budgets in Changing High-Latitude and
High-Altitude Cold Environments*

**September 9 – 13, 2008,
Boulder, Colorado, USA**

- Second Circular (May 8, 2008) -

Dear all,

We thank you for your interest in the Third Workshop of the I.A.G./A.I.G. Working Group *SEDIBUD* (*Sediment Budgets in Cold Environments*), which will take place in Boulder, Colorado, USA, from September 9 - 13, 2008.

Themes of the Workshop

Climate change affects all Earth surface systems but with the arguably greatest impact in high-latitude and high-altitude cold environments. In these areas, climate change shapes earth surface processes not just by altering vegetation cover and human activities but also through its impact on frost penetration and duration within the ground surface layers. All of these factors influence patterns of erosion, transport and deposition of sediments and related fluxes (e.g., nutrients, solutes, carbon). It is a challenge to develop a better understanding of how these factors combine to affect sedimentary transfer processes and sediment budgets in cold environments. Our baseline knowledge on the erosion, sedimentary transfer and depositional processes operating within Holocene and present-day climates and as landscape systems evolved and under given vegetation covers, forms our basis for predicting the consequences of predicted future climate change and related vegetation cover changes. However, much of this information is limited in terms of spatial and temporal coverage and needs to be extended and consolidated. Only when we have these reliable models response to landscape and climate change we will have fuller understanding of probable future changes to these regions.

Central Issues of the Workshop will be

- The further discussion of relevant science questions to be addressed within the SEDIBUD programme,
- The presentation and further discussion of the SEDIFLUX Manual (Revised Version),
- The presentation of SEDIBUD key test sites (catchments),
- The development of the SEDIBUD metadata database,
- The development of links and collaborations with the CSDMS Working Groups and
- The development of further ideas to continue and to extend the scientific activities within SEDIBUD.

Preliminary Program

September 9, 2008

Arrival to Boulder in the morning or early afternoon. Transfer to the Mountain Research Station (MRS) in the afternoon.

September 10, 2008

Paper, poster and work group sessions

September 11, 2008

Paper, poster and work group sessions

September 12, 2008

Field Excursion

September 13, 2008

Departure from the MRS in the morning

Registration and Abstract Submission

Please send your *Binding Registration* and *Abstract(s)* (please send one page word attachment as abstract) electronically to:

Armelle Decaulne: armelle.sedibud@gmail.com

Deadline for Binding Registration and Abstract Submission is June 1, 2008. No delay can be accepted as the printing process of the Abstract Volume has to be done in mid-June.

Payments

All payments should be done via bank transfer to the SEDIBUD bank account (credit card payment is NOT possible):

Bank account: SEDIBUD / Dr. Armelle Decaulne 04774052030

IBAN: FR76 1952 5000 9504 7740 5203 036

BIC/SWIFT: CEPAFRPP952

Address of the bank account owner: Dr Armelle Decaulne
SEDIBUD
22 sente de la Cueillette
95610 Eragny sur Oise

Address of the bank: Caisse d'Epargne Ile de France
Eragny Sur Oise
Quartier de la Challe
3 rue du commerce
95610 Eragny sur Oise

The Workshop Fee includes registration, accommodation and meals at the MRS, and transportation during the workshop.

Total Amount of Payments to be done: 300 Euro (your institution must cover ALL bank transfer costs, i.e. from your institution and to the SEDIBUD bank account, as no less than 300 Euro have to be received on the SEDIBUD bank account).

DEADLINE FOR ALL PAYMENTS IS JUNE 1, 2008.

Publications

Accepted Abstracts will be published in the *NGU Report Series*.

The publication of a *Special Issue* to an *International Journal* arising from the Third SEDIBUD Workshop is planned (given an adequate number of accepted full papers).

Travelling and Accommodation

Travel from Denver International Airport to Boulder can be done most effectively by bus (RTD) at the cost of \$10/trip or by the airport shuttle at a cost of \$20/trip.

Further Technical Information

The MRS is located at 3000 m a.s.l., which could result in some inconvenience or discomfort for some people.

Attendees should bring a sleeping bag and towel, and they should be ready for all weather conditions that could be expected at high altitude.

Further detailed information will follow closer to the workshop dates.

Further details of the I.A.G./A.I.G. SEDIBUD Working Group can be found at

<http://www.geomorph.org/wg/wgsb.html>

We are looking forward to welcoming and meeting you in Boulder.

Achim A. Beylich (Chair)

Scott F. Lamoureux (Vice-Chair)

Armelle Decaulne (Secretary)

Nel Caine (Local Organizer)

Irina Overeem (Local Organizer)