



I.A.G./A.I.G.
International Association of
Geomorphologists
*Association Internationale des
Géomorphologues*



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**

- First Circular (December 14, 2007) -

Dear all,

We would like to invite you to participate 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 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, 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 Registration and Abstract(s) (please send one page word attachment as abstract) electronically to:

Armelle Decaulne: armelle@nnv.is

Deadline for Pre-Registration is March 15, 2008.

Deadline for Final Registration (Payments) and Abstract Submission is May 15, 2008.

Publications

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. Pre- or post-meeting accommodation can easily be fixed in Boulder.

Payments

The costs at the MRS are estimated to be around 460 US\$, covering all accommodation and meals. This preliminary information is based on the reservation we have with MRS for the period September 9 to 13, 2008.

The registration fee depends on the exact number of participants but is expected to be ca. 110 US\$ (ca. 75 Euros)

Further information on the Workshop, including detailed technical information on exact costs, payments, travelling and accommodation, will be sent to all pre-registered participants after March 15, 2008

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

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

Please forward this message to colleagues and students that would eventually be interested to participate in this Workshop.

We are looking forward to meeting you in Boulder.

Achim A. Beylich (Chair)
Scott F. Lamoureux (Vice-Chair)
Armelle Decaulne (Secretary)

Nel Caine (Local Organizer)