

## **Second SEDIBUD Workshop, September 15 – 19, 2007, Abisko (Sweden) – Summary**

### ***Paper and Poster Presentations and Field Trip***

13 papers, 9 posters and an introduction to the field trip to Kärkevagge were presented at the workshop. The one-day field trip to Kärkevagge was led by John C. Dixon. Armelle Decaulne distributed SEDIBUD fleeces to all workshop participants.

The abstract volume including all paper and poster abstracts as well as the preliminary list of SEDIBUD key test sites, the introduction to the field trip and names and contact addresses of all workshop participants is published:

Beylich, A.A., Lamoureux, S.F. & A. Decaulne (Eds.) (2007): Second Workshop of I.A.G./A.I.G. SEDIBUD – Sediment Budgets in Cold Environments: Sediment Fluxes and Sediment Budgets in Changing High-Latitude & High-Altitude Cold Environments. NGU Report 2007.052. 57 pp.

The abstract volume is available online at:

[http://www.ngu.no/FileArchive/237/2007\\_052.pdf](http://www.ngu.no/FileArchive/237/2007_052.pdf)

### ***SEDIFLUX Manual***

The First Edition of the SEDIFLUX Manual is published:

Beylich, A.A. & J. Warburton (Eds.) (2007): Analysis of Source-to-Sink-Fluxes and Sediment Budgets in Changing High-Latitude and High-Altitude Cold Environments. SEDIFLUX Manual. First Edition. NGU Report 2007.053, 158 pp.

All contributing authors and all participants of the Second SEDIBUD Workshop in Abisko received a hard copy of the Manual.

The Manual is also available online:

[http://www.ngu.no/FileArchive/237/2007\\_053.pdf](http://www.ngu.no/FileArchive/237/2007_053.pdf)

### ***Revision of the SEDIFLUX Manual***

The first edition of the SEDIFLUX Manual will be revised.

Responsible persons for each chapter were appointed during the workshop. All workshop participants and all contributing authors are invited to comment on the current version of the manual. Please send your comments and suggestions for additions and improvements before October 15, 2007, to the responsible contact person appointed for each chapter:

Responsible persons for Chapter 1:

John C. Dixon (contact person, [jcdixon@uark.edu](mailto:jcdixon@uark.edu))

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Responsible persons for Chapter 2:

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***Publication of Papers and Posters presented at the Second SEDIBUD Workshop***

The publication of a special issue of the journal *Arctic, Antarctic and Alpine Research (AAAR)* with presentations from the Second SEDIBUD Workshop is planned.

If you are interested to submit your workshop contribution (paper and poster presentations) as full paper to this planned special issue please send information on authors and preliminary title before October 3, 2007 to Achim A. Beylich ([achim.beylich@NGU.NO](mailto:achim.beylich@NGU.NO)).

We will then send our proposal for the special issue of AAAR – including the list of contributors and manuscript titles - to the Editor of AAAR for evaluation.

***Presentation and Discussion of SEDIBUD Key Test Sites***

A number of SEDIBUD key test sites were presented at the workshop.

It was stressed that an as complete as possible cover of different cold environments should be achieved by the network of SEDIBUD key test sites. Currently 37 key test sites are identified (the current list of SEDIBUD key test sites is available at <http://www.geomorph.org/wg/wgsb.html>). The network shall be extended to at least 40 sites. Dorothea Gintz and Bernd Etzelmüller will identify and contact potential additional site researchers to close gaps, which were identified during the workshop (a standard invitation letter will be prepared by Achim A. Beylich together with a formal letter of support for funding proposals related to research at SEDIBUD key test sites and a formal letter of support for claiming funding to attend forthcoming SEDIBUD meetings).

Scott F. Lamoureux will prepare a form sheet and will ask all SEDIBUD key test site proposers to submit short descriptions (about 2 pages) of each key test site in a standardised format before November 15, 2007. These key site descriptions will be compiled and published in hard copy and will also be available online at the SEDIBUD website together with a world map showing the distribution of SEDIBUD key test sites.

Jukka Käyhkö, Dorothea Gintz and Achim A. Beylich will compile a key site database using information, which has been received with the key test site proposal forms. This SEDIBUD key test site database will be used to identify

further possible gaps with respect to the widest possible cover of cold environments and will be placed at the SEDIBUD website by November 15, 2007.

After November 15, 2007, different levels of key test sites will be defined. It is expected that collaboration within the group will act as catalyst to increase activity at sites and to develop new sites in underrepresented regions.

The SEDIBUD program and the network of SEDIBUD key test sites shall be presented (abstract submitted) at the First IPY Workshop on Sustaining Arctic Observing Networks, November 12-14, 2007, Stockholm (<http://www.arcticobserving.org>)

### ***Metadata Database***

The development of the SEDIBUD metadata database will be started at the Third SEDIBUD Workshop in Boulder, Colorado, September 17-21, 2008.

### ***Discussion of SEDIBUD Science Questions***

The discussion of SEDIBUD Science Questions was led by John C. Dixon. The central research question of the SEDIBUD working group is to: *assess the contemporary sediment fluxes in cold environments, with emphasis on both particulate and dissolved components*. John C. Dixon will prepare a description of the central research question and related hypotheses and circulate this description to all participants of the workshop for comment. The final version of this description will be placed at the SEDIBUD website.

### ***Third SEDIBUD Workshop***

The Third SEDIBUD Workshop will take place from September 17 to 21, 2008 at the Niwot Ridge Mountain Field Station, Boulder, Colorado, USA.

Achim A. Beylich  
Scott F. Lamoureux  
Armelle Decaulne