



ESF Network SEDIFLUX

**Sedimentary Source-to-Sink-Fluxes
in Cold Environments**

SEDIFLUX NEWSLETTER

June 23rd, 2006

- 2006 B -

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1. SEDIFLUX Website

The SEDIFLUX Website is installed at <http://www.ngu.no/sediflux>.

Here you can find all relevant information on SEDIFLUX.

2. SEDIFLUX Activities from January 2004 until June 2006

The following activities have been performed so far within the ESF Network SEDIFLUX. ESF SEDIFLUX will continue until the end of 2006.

Meetings:

- First SEDIFLUX Steering Committee Meeting in Reykjavik, June 17th, 2004
- First SEDIFLUX Science Meeting in Sauðárkrókur, Iceland, June 18th-21st, 2004 (see <http://www.nnv.is>).
- Second SEDIFLUX Steering Committee Meeting in Clermont-Ferrand, January 19th, 2005
- Second SEDIFLUX Science Meeting in Clermont-Ferrand, January 20th – 22nd, 2005.
- EUCOP II, June 12th – 16th, 2005, Potsdam, Germany: Conference Session 05: "Hydrology and Sediment Fluxes in Permafrost Regions", Organized in Association with ESF SEDIFLUX; Session Co-chairs: Achim A. Beylich & Bernd Etzelmüller, see: <http://www.awi-potsdam.de/EUCOP/>
- Third SEDIFLUX Science Meeting in Durham, UK, December 16th – 19th, 2006 (see <http://www.geography.dur.ac.uk/conf/tssm>, see report in SEDIFLUX Newsletter 2006A)

Dissemination and Publications:

- SEDIFLUX Newsletter (2004A, 2004B, 2005A, 2005B, 2005C, 2006A, 2006B)
- SEDIFLUX Poster
- SEDIFLUX Flyer
- SEDIFLUX Introduction (Power Point)
- SEDIFLUX Website (<http://www.ngu.no/sediflux>)
- ESF SEDIFLUX Website (<http://www.esf.org/sediflux>)

- Local Websites (Uppsala, Sauðárkrúkur, Clermont-Ferrand, Durham, Trondheim: see links on websites mentioned above)
- Publications and Reports

Development of the SEDIFLUX Database and SEDIFLUX Webpage:

- Collection of material for the SEDIFLUX Projects, Test Sites and Members Database (see form sheets in SEDIFLUX Newsletters 2004A and 2004B)
- See <http://www.ngu.no/sediflux>

Proposals related to SEDIFLUX:

- IPY: Expression of Intent SEDIFLUX (EoI no. 816): Included and endorsed within the IPY Full Proposal IPY BIPOMAC (ID no. 130) and linked to the IPY Full Proposals IPY TSP (ID no. 50), IPY ANTPAS (ID no. 33), IPY ARCTIC-HYDRA (ID no. 104), IPY KINNVIKA (ID no. 58), IPY ACCO-Net (ID no. 90), IPY SEAO (ID no. 317) and IPY APEX (ID no. 39)
- IPY: Expression of Intent DYNAFLUX (EoI no. 402): Included and endorsed within the IPY Full Proposal IPY BIPOMAC (ID no. 130) and linked to the IPY Full Proposal IPY TSP (ID no. 50)
- International Association of Geomorphologists (I.A.G./A.I.G.) Working Group Proposal SEDIBUD (Sediment Budgets in Cold Environments): Approved on September 10th, 2005 (<http://www.geomorph.org>, <http://www.geomorph.org/wg/wgsb.html>)
- ESF Research Networking Programme Proposal DYNACOLD (Dynamics and Landscape Formation in Cold Environments) (in preparation)
- EU FP7 Marie-Curie RTN Proposal DYNAFLUX (Dynamics, Fluxes, Stability and Succession in Cold Environments) (in preparation)

3. Fourth ESF SEDIFLUX Science Meeting and First Workshop of the I.A.G./A.I.G. Working Group SEDIBUD

The fourth ESF SEDIFLUX Science Meeting will be held together with the first Workshop of the new I.A.G./A.I.G. Working Group SEDIBUD between October 29th to November 02nd, 2006, and will be hosted by the Geological Survey of Norway (NGU) in Trondheim.

The Meeting will include:

Invited keynote speeches, reviews and commentaries, technical oral and poster sessions, and working group meetings: October 30th and 31st, 2006

Excursion *Trondheim and surrounding areas*: November 01st, 2006

Further information on the Meeting and on Registration and Abstract Submission is available at: <http://www.ngu.no/sediflux> and <http://www.geomorph.org/wg/wgsb.html>

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4. SEDIFLUX Publications and SEDIFLUX Reports

Beylich, A.A. (Ed.) (2006): SEDIFLUX. Sedimentary Source-to-Sink-Fluxes in Cold Environments. First ESF SEDIFLUX Science Meeting, Saudarkrokur, Iceland. *Geomorphology, Special Issue* (in press).

Beylich, A.A. and the SEDIFLUX Team (2005): SEDIFLUX: A European Science Foundation (ESF) Network. *Sixth International Conference on Geomorphology, September 7-11, 2005, Zaragoza (Spain). Abstracts Volume*: 19.

Beylich, A.A. and the SEDIFLUX Team (2005): The European Science Foundation (ESF) Network SEDIFLUX. *ICARP II, Conference Material* (CD).

Beylich, A.A., Etienne, S., Etzelmüller, B., Gordeev, V.V., Käyhkö, J., Rachold, V., Russell, A.J., Schmidt, K.-H., Sæmundsson, Þ., Tweed, F.S. & J. Warburton (2006): The European Science Foundation (ESF) Network SEDIFLUX – an introduction and overview. In: Beylich, A.A. (Ed.): SEDIFLUX. Sedimentary Source-to-Sink-Fluxes in Cold Environments. Special Issue. *Geomorphology* (in press).

Beylich, A.A., Etienne, S., Etzelmüller, B., Gordeev, V.V., Käyhkö, J., Rachold, V., Russell, A.J., Schmidt, K.-H., Sæmundsson, Þ., Tweed, F.S. & J. Warburton (2005): Sedimentary Source-to-Sink-Fluxes in Cold Environments – Information on the European Science Foundation (ESF) Network SEDIFLUX. *Zeitschrift für Geomorphologie N.F., Suppl.-Vol. 138*: 229-234.

Beylich, A.A., Etienne, S., Etzelmüller, B., Gordeev, V.V., Käyhkö, J., Rachold, V., Russell, A.J., Schmidt, K.-H., Sæmundsson, Þ., Tweed, F.S., & J. Warburton (2005): Sedimentary Source-to-Sink-Fluxes in Cold Environments (SEDIFLUX): An Interdisciplinary ESF Network. *HeadWater2005*, Conference Papers (CD). Bergen.

Beylich, A.A., Etienne, S., Etzelmüller, B., Gordeev, V.V., Käyhkö, J., Rachold, V., Russell, A.J., Schmidt, K.-H., Sæmundsson, Þ., Tweed, F.S. & J. Warburton (2005): The European Science Foundation (ESF) Network SEDIFLUX: Sedimentary Source-to-Sink-Fluxes in Cold Environments (2004 – 2006) – Introduction. *EUCOP II Programme and Abstracts*: 92-93.

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Beylich, A.A., Etienne, S., Etzelmüller, B., Gordeev, V.V., Käyhkö, J., Rachold, V., Russell, A.J., Schmidt, K.-H., Sæmundsson, Þ., Tweed, F.S. & J. Warburton (2005): The European Science Foundation (ESF) Network SEDIFLUX: Sedimentary Source-to-Sink-Fluxes in Cold Environments. *NGF Abstracts and Proceedings*, no. 1, 2005: 11-12.

Beylich, A.A., Etienne, S., Etzelmüller, B., Gordeev, V.V., Käyhkö, J., Rachold, V., Russell, A.J., Schmidt, K.-H., Sæmundsson, Þ., Tweed, F.S. & J. Warburton (2004): The ESF Network SEDIFLUX: “Sedimentary Source-to-Sink-Fluxes in Cold Environments” – an introduction. Náttúrustofa Norðurlands vestra. NNV-2004-003. June 2004, 27-28.

Beylich, A.A., Sæmundsson, Þ., Decaulne, A. & O. Sandberg (Eds.) (2004) : First Science Meeting of the European Science Foundation ESF – Network SEDIFLUX. Sauðárkrókur, Iceland, June 18th – 21st, 2004. - Extended Abstracts of Science Meeting Contributions. Náttúrustofa Norðurlands vestra. NNV-2004-003. 103 pp.

(<http://www.nnv.is/skrar/AbstractVolume-pdfversion.pdf>)

Etienne, S. (Ed.) (2005): Shifting Lands. New insights into periglacial geomorphology. Seteun Publish., Clermont-Ferrand, 126 pp.) (<http://www.seteun.net/finalprogram.pdf>)

Gordeev, V.V. (2005): The first workshop on the project "The European Science Foundation Network: Sedimentary Source-to-Sink-Fluxes in Cold Environments" (19-21 June, 2004, Saudarkrokur, Iceland). *Geomorphology*, **N1 (January-February)**, pp. 109-110 (in Russian).

Slaymaker, O. (2004): Report on the First Science Meeting of the European Science Foundation Network SEDIFLUX held in Iceland from June 18 – June 21, 2004. *International Association of Geomorphologists Newsletter* No. 21 (3/2004) (<http://www.geomorph.org>)

Tweed, F.S. (2005): Report on the first SEDIFLUX Science Meeting in Sauðárkrókur, Iceland, June 2004. *Jökull*, **54**: 85-86.

Tweed, F.S. (2006): Sediment budgets and rates of sediment transfer across cold environments in Europe – the third SEDIFLUX Science Meeting, held at Durham University, UK, December 16th – 19th, 2005. *Geophemera*.

Tweed, F.S. (2006): Sediment budgets and rates of sediment transfer across cold environments in Europe – the third SEDIFLUX Science Meeting, held at Durham University, UK, December 16th – 19th, 2005. *International Association of Geomorphologists Newsletter*.

5. Next SEDIFLUX Newsletter

The next SEDIFLUX Newsletter (**SEDIFLUX Newsletter 2006 C**) will be sent out in **October 2006**. Please send contributions for this Newsletter to Achim.Beylich@ngu.no.

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