

SedyMONT kickoff meeting MINUTES

7 Feb 2009
Schlosshotel Leuk

Attendance:

Fritz Schlunegger, Uni Bern (IP1, PROJECT LEADER), fritz.schlunegger@geo.unibe.ch
Catherine Berger, WSL (IP1, attended for Brian McArdell), brian.mcardell@wsl.ch
Dirk Rieke-Zapp, Uni Bern (IP1), zapp@geo.unibe.ch
Alexander Reiterer, TU Vienna (IP2), alexander.reiterer@tuwien.ac.at
Martin Lehmann, TU Vienna (IP2), martin.lehmann@tuwien.ac.at
Tanja Vicovac, TU Vienna (IP2), tanja.vicovac@tuwien.ac.at
Mathias Hinderer, TU Darmstadt (IP3), hinderer@geo.tu-darmstadt.de
Jens Hornung, TU Darmstadt (IP3), hornung@geo.tu-darmstadt.de
Lothar Schrott, Uni Salzburg (IP4), lothar.schrott@sbg.ac.at
Martin Geilhausen, Uni Salzburg (IP4), martin.geilhausen@sbg.ac.at
Jan-Christoph Otto, Uni Salzburg (IP4), Jan-Christoph.Otto@sbg.ac.at
Achim Beylich, Trondheim (IP5), Achim.Beylich@ngu.no
Peter Molnar, ETH Zurich (IP6), molnar@ifu.baug.ethz.ch
Vincenzo Picotti, Uni Bologna (AP1), vincenzo.picotti@unibo.it
Sandro Simoni, Uni Bologna (AP1), alessandro.simoni@unibo.it
Francesco Brardinoni, Uni Milano (AP1), francesco.brardinoni@unimib.it
Alex Densmore, Uni Durham (AP2), a.l.densmore@durham.ac.uk
Peter Schuerch, Uni Durham (AP2), Peter.Schuerch@durham.ac.uk

Other persons connected to the project (not present at meeting):

Markus Stoffel, Uni Bern (IP1), markus.stoffel@unifr.ch
Oliver Korup, WSL (IP6), korup@slf.ch

Programme:

(1) FSchlunegger TOPO-EUROPE (TE) presentation

- identification of connected projects with SedyMONT (SourceSink, RESEL-GRACE, TOPO-4D, TOPOAlps)
- there is 80,000 Euro accessible per year for networking-workshops-summer schools, we should consider that, proposals to be made at TE meetings
- Tectonophysics is talked about as a special issue journal for TE work, but we can consider more appropriate outlets for our joint work if needed
- AP project funding for networking was cut by ESF

(2) FSchlunegger SedyMONT (SM) presentation

- SM will provide time series of landscape change (sed. accumulation, sed. yield, connectivity, etc.)
- provide time series of climate variability
- reconstruction of sed. routing architecture, reconstruction of changes in time at study sites
- the point was raised (LSchrott) that individual TE CRPs should be linked together, it is not quite clear how that can be reached

(3) Individual IP 1-6 and AP 1-2 presentations

(4) Discussion of SM scope

General goals

- we are trying to understand sediment fluxes in the landscape (processes, drivers)
 - we are combining different monitoring, measurement techniques for this goal
 - we want to say something about climate change effects on landscape processes
 - our focus is on short time scales (post LGM)
 - we want to know what are the fundamentals of sediment dynamics at our site
 - key processes for the routing of sediment at our site at which time scale
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- we have our own individual project objectives
 - outreach, e.g. organize session at EGU
 - get colleagues interested
 - identify key partners within TOPO-Europe
 - outreach to public (stakeholders)

Everybody delivers a system description for their site

inventory

- sediment sources/sinks, channels/hillslopes, ...
- sediment transport and interactions
- sediment yield measurements

questions

- describe what, how is monitored, suspended load, bedload, ...
- what is the record length, also in the past

hydroclimate, collect data for your site

- precipitation, temperature data
- discharge where possible

- aerial photographs, DTMs

Database and shared facilities

- we should share our data within the project
 - we should participate in the research at other sites
 - database of methods, provide service to others to use them
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- hardware, instruments
 - provide test sites for measurements

Deliverables

- annual reports
- journal special issues
- workshops, summer schools for PhD students

(5) Duties

PM: deliver a case for the ideal system and observations that need to be done to set up an example model

ALL: prepare an inventory of the sites for the others to study

ALL: prepare a list of what we have and what we will measure and a list of what our demands are

PhD students to be found for IP6 and IP3 as soon as possible

ALL: generate a list of key papers for the SedyMONT group

SITE GROUPS: generate list of papers for key sites

ALL: think of networking activities within TOPO-Europe

ALL: by end of April suggest lecturers for SSchool 2010

MARTIN G.: Website management (Uni Salzburg)

(6) Plans

- next meeting 2010 have a workshop (summer school) for PhD students with ESF funds
- we need more regular meetings at start of project
- special issue discussion next year

Plan for 2010

ESF-funded Summer school/Workshop, end of Aug 2010

“Monitoring changes on Earth’s surface”

Fritz will bring proposal to TOPO-Europe committee (Sept 09)

Location: Norway (A. Beylich)

PMolnar