



**Sixth I.A.G./A.I.G. SEDIBUD Workshop**  
**Sedimentary fluxes dynamics**  
**in the changing mountain and polar environment**  
**– monitoring, record & consequences**  
**Zakopane, Poland, September 3-11, 2011**



Gąsienicowa Valley – view on “Eagle’s crest”

Global, regional and local changes in climate have a major impact on source-to-sink sediment fluxes in high-latitude and high-altitude cold environments from high arctic/antarctic and subarctic/subantarctic to alpine and upland sites. Climate changes exert a strong control on cryospheric systems, influencing the nature and extent of glaciers, ice sheets and ice-free areas (oases) and the extent and severity of glacial, proglacial and paraglacial processes. The major focus of workshop is related to geomorphological & sedimentological monitoring system, record of sediment fluxes and budgets as well as consequences of past, present and future sediment transfer processes in cold environments.

The [SEDIBUD](#) workshop this year will be held in [Zakopane](#), “a pearl of Polish mountain resorts”, at the foot of [Tatra Mountains](#), the only Alpine type mountain chain in Central Europe between the Alps and Caucasus. Tatra Mountains are the highest part of the Carpathians and highest elevation in Poland (2499 m a.s.l.). Geological setting, geomorphological features and geomorphic activity provide excellent opportunity to observe and discuss problems of sedimentary processes in high mountains environment.

To make you more familiar with Poland and our research we propose also a three days pre-workshop excursion to visit field stations at the Baltic Sea coast and in north-west Poland lowlands (the region of last Pleistocene glaciation deposition) and to cross the country meridionally by Poznań (a seat of our University) to Krakow (historical, modern and magic city) and Zakopane. The workshop itself will consist of two days of discussions with an excursion day in between and additional two days of field presentations at the end. Accommodation and supplementary attractions will let you better understand culture and the “soul” of the Polish mountain region.

# Schedule

## Pre-workshop excursion

**Saturday (2011-09-03)** – Participants will be picked up from Berlin or Szczecin ([Goleniów airport](#)) and will travel to [Wolin Island](#) (Baltic Sea coast) to Adam Mickiewicz University (AMU) Field Station of Natural Environment Monitoring in [Biała Góra](#) (near Międzyzdroje). We will visit test sites at the coastal cliff and intra-morainic lake catchment. Presentation of field monitoring system, labs, data acquisition and management.

**Sunday (2011-09-04)** – From Biała Góra we will travel across young morainic landscape of the last Pleistocene glaciation through regions of Pomerania and Wielkopolska, visiting AMU Geocological Field Station in Storkowo – the monitoring system of river catchment, test sites in forested and cultivated areas. Overnight in Poznań, visit in [A. Mickiewicz University](#), presentation of Geographical and Geological Sciences Faculty departments and labs.

**Monday (2011-09-05)** – A drive from Poznan to Zakopane crossing all landscape zones of Poland: from lowlands, through uplands to the mountains. On the way we will pass through the city of Wrocław, industrial region of Silesia and historic town of Kraków (former Polish capital). Overnight in Zakopane.

## The Workshop

**Monday (2011-09-05)** – Arrival of participants to Zakopane (those coming to Kraków will be picked up from there). Overnight in Zakopane (all nights of the workshop and excursions in ([Residence “Sienkiewiczówka”](#))). Workshop icebreaker in the evening.

**Tuesday (2011-09-06)** – Scientific meeting in Zakopane, day 1; talks and poster presentations in Residence “Sienkiewiczówka”, conference dinner in folk restaurant.

**Wednesday (2011-09-07)** – Day of excursion in Gąsienicowa Valley (High Tatra, crystalline rocks part). Visit in meteorological observatory and field station of Polish Academy of Sciences. Presentation of geological and geomorphological problems, geomorphic processes test sites. Lunch on the site, dinner in Zakopane.

**Thursday (2011-09-08)** – Scientific meeting in Zakopane, day 2; talks and poster presentations in Residence “Sienkiewiczówka”, working group session, SEDIBUD business meeting. Diner BBQ in picturesque scenery of a mountain meadow.

## Post-workshop excursion days

**Friday (2011-09-09)** – Day of excursion in Chochołowska Valley (Western Tatra, sedimentary rocks part). Presentation of fluvial transport measurements, test sites of surface karst processes, mass movements, etc. Lunch on the site, folk dinner on the way back to Zakopane.

**Saturday (2011-09-10)** – Day of excursion around the Tatra Mountains chain with the visit in [Demanovska Ice Cave](#) in Slovak Niske Tatra. Presentation of glacial relief remnants, slope and fluvial processes, environmental consequences of windstorm calamity from 2004. Lunch on the site, dinner in Zakopane.

**Sunday (2011-09-11)** – Transportation of participants to Kraków airport (it is also possible to stay longer in Zakopane and realize own leisure program)

## Scientific Meeting Registration

The Scientific Meeting Registration fee covers transportation from Kraków to Zakopane and back to Kraków, accommodation in Zakopane (from Monday evening to Friday morning), local transportation during one day excursion 2011-09-07, all meals and social refreshments, workshop publications. Fees around 350 € (maximum) are estimated at the moment, depending on the number of participants and possible external sponsoring.

## Pre-workshop Excursion Registration

The costs are estimated to 200 €, depending on the number of participants. The fees will cover transportation (from Berlin or Szczecin), accommodation and all meals.

## Post-workshop Excursion Registration

The costs are estimated to 150 €, depending on the number of participants. The fees will cover local transportation, National Park and cave entrance tickets, accommodation and all meals.

## Limited Funding for PhD Students

A reduced rate will be applied for a limited number of PhD students to attend the Scientific Meeting. Interested PhD students are invited to apply for support by providing a motivation letter and a recommendation letter from their supervisor(s), in addition to their abstract(s) to [armelle.sedibud@gmail.com](mailto:armelle.sedibud@gmail.com). The motivation letter should state the research advancement, the relevance of the research within the SEDIBUD framework (and if the research is performed on one or more SEDIBUD Key Test Site), and the funding possibilities from other sources.

Deadline for application is **March 31<sup>st</sup>, 2011**.

## Abstract submission

Abstracts (1-2 pages of text, without illustration) must be submitted electronically (word attachment) to [grzera@amu.edu.pl](mailto:grzera@amu.edu.pl). Please indicate if you prefer presenting your work as a talk or a poster during the workshop.

## Deadlines

Expression of interest deadline is **March 31<sup>st</sup>, 2011**, by providing your choices of participation in workshop and excursions and the title of your presentation, than we will send second circular. **Abstract, registration and fees deadline is May 31<sup>st</sup>, 2011**.

## Local Organizers

Achim A. Beylich, Grzegorz Rachlewicz, Magdalena Ratajczak-Szczerba, Krzysztof Rymer

## Scientific Organizers

Achim A. Beylich, Armelle Decaulne, Scott F. Lamoureux, Grzegorz Rachlewicz, Zbigniew Zwoliński

## We are looking forward to meet you in Zakopane,

Achim Beylich (Chair of the IAG/AIG WG SEDIBUD)

Grzegorz Rachlewicz (Chair of the Local Organizing Committee)

Poznań, 2011-01-17

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

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