

SedAlp



Sediment management in Alpine basins: integrating sediment continuum, risk mitigation and hydropower

- AS priority area: Environment and Risk Prevention
- Duration: 01/09/2012 - 30/06/2015
- [Project webpage](#)
- [Project on the website of the Alpine Space Programme](#)

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Project summary

“SedAlp focuses on the integrated management of sediment transport in Alpine basins. It is directed towards an effective reduction of sediment-related risk while promoting the enhancement of riverine ecosystems and reducing the impacts of hydropower plants. The SedAlp project includes piloting actions in various representative Alpine river basins of all involved countries and contributes to sediment and wood transfer monitoring in a large set of Alpine catchments, in order to understand spatial and temporal variability of processes.

Based on process understanding, planning, warning and predictive tools will be provided together with sediment and wood management recommendations for hazard mitigation and protection of people. SedAlp aims at developing strategy policy and actions for the improvement of sediment continuity in Alpine river basins.”

Source: [SedAlp project summary](#)

Hypotheses

- [Sensitive Alpine territory requires appropriate and diversified measures \(consensus-oriented multi-stakeholder approach\)](#)

Keywords

- [natural resource management](#)
- [landscape management](#)
- [prevention](#)

Topics

- [Reducing environmental damage](#)
- [Limitation of natural disaster impacts](#)

Results

[Results](#) of a project can be differentiated in [outputs](#), [outcomes](#) and [impacts](#) of an intervention.

Source: [OECD Glossary of Key Terms in Evaluation and Results Based Management](#).

Outputs

Output	Category	Language(s)	Target group	Remark
Protocol for data collection method in sediment transport	Methodology	EN	Civil servants / administration	Three standard protocols on bedload transport, debris flow and wood transport monitoring have been developed. These protocols are intended to describe the used monitoring technics and data processing methods. Furthermore, the protocols work also as guidelines to assist in choosing the appropriate monitoring method for supporting prospective monitoring efforts.
Hydrological data analysis – Gradašćica river basin	Pilot activity	EN	civil servants / administration	Hydrological report for a pilot region in Slovenia
Meteorological data analysis – Gradašćica river basin	Pilot activity	EN	civil servants / administration	Meteorological report for a pilot region in Slovenia

Outcomes and Impacts

Unlike project outputs, outcomes and results cannot be described in a standardised way. Therefore, they are listed as free text:

<not yet available>

Accessibility of project results

- * [Sedalp outputs on the official website of the project](#)
- * [Sedalp outputs on the website of the Alpine Space Programme](#)

[natural resource management, landscape management, risk management, prevention, EU project](#)

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