

Research Project

Erosion in den Alpen (Ursachen und Kartierung)

Third-party funded project

Project title Erosion in den Alpen (Ursachen und Kartierung)

Principal Investigator(s) [Alewell, Christine](#) ;

Organisation / Research unit

Departement Umweltwissenschaften / Umweltgeowissenschaften (Alewell)

Department

Project start 01.07.2005

Probable end 31.07.2011

Status Completed

Erosion in den Alpen (Ursachen und Kartierung)

Financed by

Swiss Government (Research Cooperations)

Add publication

Published results

86868, Scheurer, K.; Alewell, C.; Bänninger, D.; Burkhardt-Holm, P., Climate and land-use changes affecting river sediment and brown trout in alpine countries-a review, 0944-1344, Environmental Science and Pollution Research, Publication: JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

86870, Schaub, Monika; Alewell, Christine, Stable carbon isotopes as an indicator for soil degradation in an alpine environment (Urseren Valley, Switzerland), 1097-0231, Rapid communications in mass spectrometry, Publication: JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

86872, Meusburger, K.; Alewell, C., On the influence of temporal change on the validity of landslide susceptibility maps, 1561-8633, Natural Hazards and Earth System Sciences, Publication: JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

86873, Konz, Nadine; Schaub, Monika; Prasuhn, Volker; Baenninger, Dominik; Alewell, Christine, Cesium-137-based erosion-rate determination of a steep mountainous region, 0044-3263, Journal of plant nutrition and soil science, Publication: JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

86875, Meusburger, K.; Alewell, C., Impacts of anthropogenic and environmental factors on the occurrence of shallow landslides in an alpine catchment (Urseren Valley, Switzerland), 1561-8633, Natural Hazards and Earth System Sciences, Publication: JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

86882, Alewell, C.; Meusburger, K.; Brodbeck, M.; Bänninger, D., Methods to describe and predict soil erosion in mountain regions, 0169-2046, Landscape and Urban Planning, Publication: JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

86940, Alewell, C.; Schaub, M.; Conen, F., A method to detect soil carbon degradation during soil erosion, Biogeosciences, Publication: JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

86941, Merz, Andreas; Alewell, Christine; Hiltbrunner, Erika; Baenninger, Dominik, Plant-compositional effects on surface runoff and sediment yield in subalpine grassland, 0044-3263, Journal of plant nutrition and soil science, Publication: JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

104894, Konz, Nadine, Quantification of soil erosion in the Alps - Measurement and Modeling, Publication: Thesis (Dissertationen, Habilitationen)

258537, Meusburger, K.; Konz, N.; Schaub, M.; Alewell, C., Soil erosion modelled with USLE and PE-SERA using QuickBird derived vegetation parameters in an alpine catchment, 0303-2434, International Journal of Applied Earth Observation and Geoinformation, Publication: JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

258538, Konz, N.; Baenninger, D.; Konz, M.; Nearing, M.; Alewell, C., Process identification of soil erosion in steep mountain regions, 1027-5606, Hydrology and earth system sciences, Publication: JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

258539, Meusburger, Katrin; Baenninger, D.; Alewell, Christine, Estimating vegetation parameter for soil erosion assessment in an alpine region by means of QuickBird imagery, 0303-2434, International Journal of Applied Earth Observation and Geoinformation, Publication: JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

258541, Schaub, M; Konz, N; Meusburger, K; Alewell, C, Application of in-situ measurement to determine ¹³⁷Cs in the Swiss Alps, 0265-931X, Journal of environmental radioactivity, Publication: JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

410514, Alewell, C.; Bebi, P., Forest Development in the European Alps and Potential Consequences on Hydrological Regime, 0070-8356, Ecological studies, Publication: JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

410515, Konz, N.; Baenninger, D.; Konz, M.; Nearing, M.; Alewell, C., Process identification of soil erosion in steep mountain regions, 1027-5606, Hydrology and Earth System Sciences, Publication: JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

412362, Martin, Cyrill; Pohl, Mandy; Alewell, Christine; Koerner, Christian; Rixen, Christian, Interrill erosion at disturbed alpine sites: Effects of plant functional diversity and vegetation cover, 1439-1791, Basic and applied ecology, Publication: JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

Add documents

Specify cooperation partners

ID	Kreditinhaber	Kooperationspartner	Institution	Laufzeit - von	Laufzeit - bis
983641	Alewell, Christine	Prasuhn, Volker, Dr.	ART Reckenholz	31.10.2005	31.12.2015
983672	Alewell, Christine	Egli, Markus, Prof. Dr.	University of Zürich	31.10.2010	31.12.2013