

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

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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 PESERA 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 ^{137}Cs 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, Cyril; Pohl, Mandy; Alewell, Christine; Körner, Christian; Rixen, Christian, Interrill erosion at disturbed alpine sites: Effects of plant functional diversity and vegetation cover, 1439-1791 ; 1618-0089, 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