

| Time Slots | Authors | Abstract Title |
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| | <i>Landscape evolution, hydrology and hazards</i> | <i>Chairperson : Nikolaus Kuhn</i> |
| 9:00 - 9:15 | King G., Grujic D., Coutand I., Herman F. | Very low temperature OSL-thermochronometry applied to the Siwalik deposits in Nepal and Bhutan |
| 9:15 - 9:30 | Valla P.G., Lajeunesse E., Delunel R., Allemand P. | Coupling and feedbacks between orographic precipitations and landscape evolution: Basse Terre Island, Guadeloupe archipelago (Lesser Antilles Arc) |
| 9:30 - 9:45 | Ramirez J.A., Zischg A.P., Schürmann S., Zimmermann M., Weingartner R., Keiler M. | Modelling geomorphic responses to human impacts and extreme floods: Application to the Kander river, Switzerland |
| 9:45 - 10:00 | Walter F., Burtin A., McArdell B., Hovius N., Weder B., Turowski J. | Rapid detection and location of debris flow initiation at Illgraben, Switzerland |

10:00-11:00 Morning Poster Session with coffee

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| | <i>Sediment flux, permafrost and hazards</i> | <i>Chairperson : Christophe Lambiel</i> |
| 11:00 - 11:15 | Delaney I.A., Weidmann Y., Huss M., Bauder A. | A sediment flux time series from a proglacial area: insights into sediment dynamics of glaciated catchments |
| 11:15 - 11:30 | Kummert M., Delaloye R. | Erosion and sediment transfer at the front of rapidly moving rock glaciers |
| 11:30 - 11:45 | Bardou E., Favre-Bulle G., Ornstein P., Pache B., Délèze J.-Y., Mayoraz R. | A decision support tool to help prevent risks induced by permafrost degradation in high alpine environments |
| 11:45 - 12:00 | Fehlmann M., Trappmann D., Moos C., Dorren L., Stoffel M., Bründl M., Huggel C. | Dynamics of rockfall hazards and risks from past to future: a case study in Täsch (VS), Switzerland |

12:00-14:00 Lunch

12:30 - 13:30 General Assembly of the Swiss Geomorphological Society SGmS (chair: Christoph Graf)

POSTERS:

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| P10.1 | Larsen, A., Capponi, M., Lane, S.N. | The hydro-geomorphic influence of beaver (<i>Castor fiber</i>) on Swiss low-order streams – first results |
| P10.2 | Rieder M., Zimmermann M., Fuchs S., Keiler M. | Sediment yield estimation on a catchment scale in data-scare regions - Rasht valley Tajikistan |
| P10.3 | Schmutz D., Zimmermann M., Keiler M. | Assessment of sediment connectivity index in relation with hazardous events in alpine torrent catchments in Switzerland |
| P10.4 | Chow C., Ramirez J.A., Zimmermann M., Barkwith A., Keiler M. | Debris flow modelling: How much model complexity is needed? |
| P10.5 | de Palézieux L., Leith K., Loew S. | Reconnaissance study of landslide distribution with respect to erosional processes in northwestern Bhutan |
| P10.6 | Meyrat R., Rüttimann S., Lane S.N., Lambiel C. | Using UAV for studying the dynamics of an active rock glacier |
| P10.7 | Giaccone E., Mariethoz G., Lambiel C. | Interactions between geomorphology and vegetation in the Vaud Alps: first investigations |
| P10.8 | Krenz J., Greenwood P., Kuhn B., Heckrath G., Foster I., Boardman J., Meadows M., Kuhn N. | In-filled reservoirs serving as sediment archives to analyse soil organic carbon erosion – Taking a closer look at the Karoo rangelands |
| P10.9 | Vögeli M., Kuhn N.J., Franz L., de Capitani C., Koziol M. | Optical and geochemical analysis of the tephra layers from the Hinkelsmaar (Eifel region, Western Germany) |
| P10.10 | Malatesta L.C., Lamb M.P. | Generation of waterfalls at intermittently alluviated fault scarps releases tectonic forcing on a climatic beat |
| P10.11 | Reber R., Litty C., Madella A., Delunel R., Akçar N., Christl M., Schlunegger F. | Environmental control on erosion along the entire western margin of Peru |