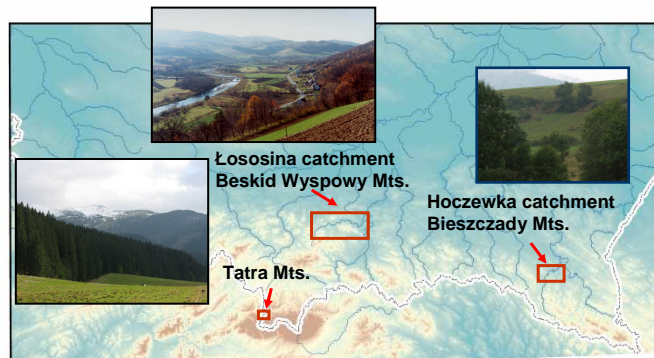


Relationship between slope and channel systems during extreme meteorological events (examples from the Polish Carpathian Mts.)

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During subsequent years, extreme events produced both new landslide forms and river channels remodelling in many areas of the Carpathian Mts.



SLOPE SYSTEM

CHANNEL SYSTEM

LINKAGES BETWEEN SLOPE AND CHANNEL SYSTEM

The linkages between slope and channel system occur only during extreme meteorological events.

Local downpours are less efficient than complex meteorological events such as a downpour preceded by longer wet period.

The debris material is delivered from slopes directly to channels via gullies, roads and mass movements.

ROADS



GULLY



MASS MOVEMENTS



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