Full scale field testing of temporary rockfall protection measures

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The Swiss Railways (SBB) enhance their construction measures with risk-based methods. For the steel palisades no information exist how much rockfall energy they can absorb.
Measurements

- HS-Videos
- Block acceleration
- Anchorage force
Results

- Loosely placed (barrier flips over) < 12kJ
- With upslope anchorate > 180kJ
- Energy absorber reduces load on anchor significantly <40%