

## ***Interactive comment on “A new-type flexible rock-shed under the impact of rock block: experimental investigation” by S. Shi et al.***

### **Anonymous Referee #1**

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The contribution in its present form is a good start for new application of protection nets.

### **Some comments:**

- P.4064, Lines 15-19: The Sentences could be removed. They just stand for a typical introduction into rockfall and are not directed to the content of the contribution.
- Actual research on gallery roofs have been published by Schellenberg, K., (2009). On the design of rockfall protection galleries - An analytical approach for a performance based design, SVH, 196 pp.

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and (using net systems, in German)

Wendeler, C.; Volkwein, A., 2010: Pontis Sud, eine flexible Galerie im Hochenergiebereich. Felsbaumagazin. 6: 351-354.

or

Wendeler, C.; Volkwein, A.; Biedermann, B., 2013: Eine flexible Steinschlaggalerie im Hochenergiebereich als Variante zu einer Betongalerie oder Tunnellösung - Bemessung und Anwendungsbeispiel. Zeitschrift für Wildbach-, Lawinen-, Erosions- und Steinschlagschutz 77, 171: 90-97.

- Page 4068, Line 16: Which sample rate did you use for the tests?
- Please, correct/improve English/Spelling.

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Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 1, 4063, 2013.