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## ***Interactive comment on “Automated landform classification in a rockfall prone area, Gunung Kelir, Java” by G. Samodra et al.***

**G. Samodra et al.**

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Received and published: 10 April 2014

See attached PDF file for the response.

Please also note the supplement to this comment:

<http://www.earth-surf-dynam-discuss.net/2/C64/2014/esurfd-2-C64-2014-supplement.pdf>

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Interactive comment on Earth Surf. Dynam. Discuss., 2, 19, 2014.

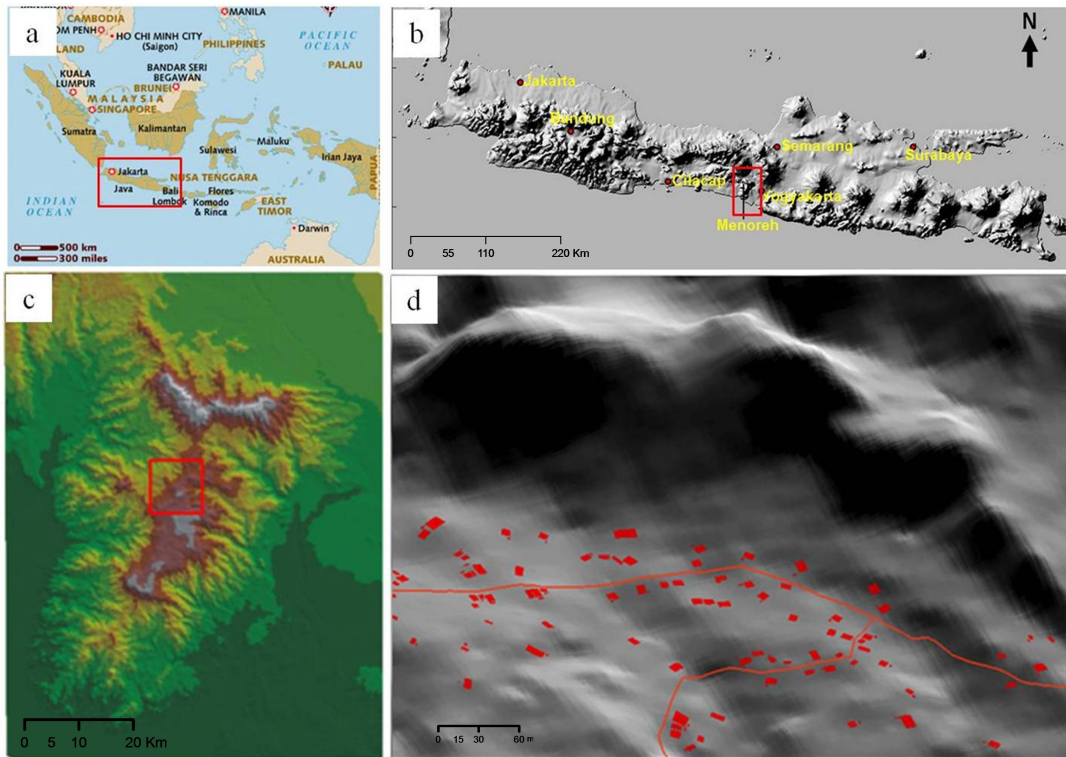
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**Fig. 1.** Study area (a) geographical position of Java Island (b) DTM of Java Island (c) DTM of Kulon Progo Dome (d) Gunung Kelir Area viewed from east: red rectangle are elements at risk.

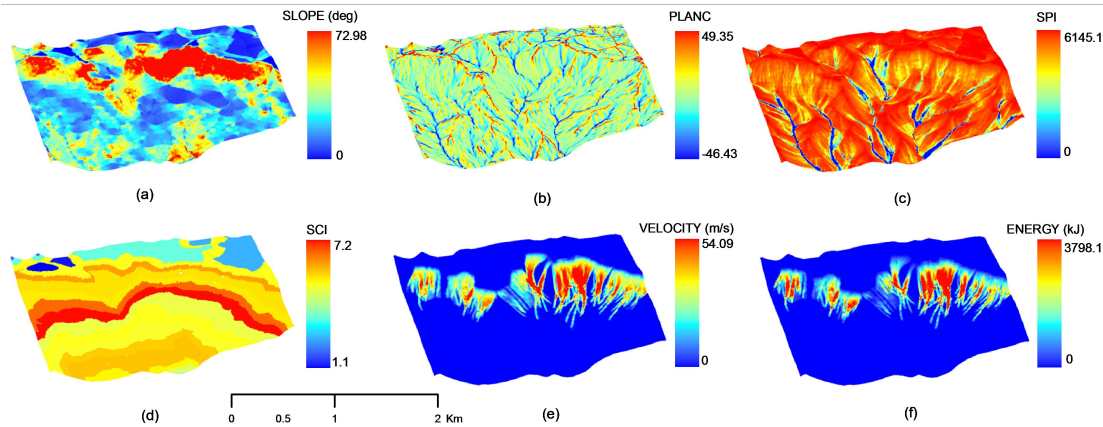
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**Fig. 2.** Morphometric variables (a) slope, (b) plan curvature (c) stream power index (d) shape complexity index (e) rockfall velocity (f) rockfall energy

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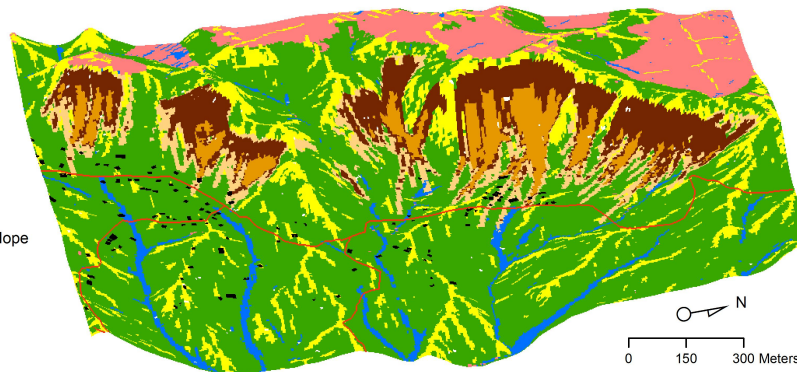
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## Legend

-  : Major Road
-  : Element at Risk
-  : Interfluve
-  : Convex Creep Slope
-  : Fall Face
-  : Transportational Middle Slope
-  : Colluvial Foot Slope
-  : Lower Slope
-  : Channel Bed



**Fig. 3.** Generic landforms in Gunung Kelir

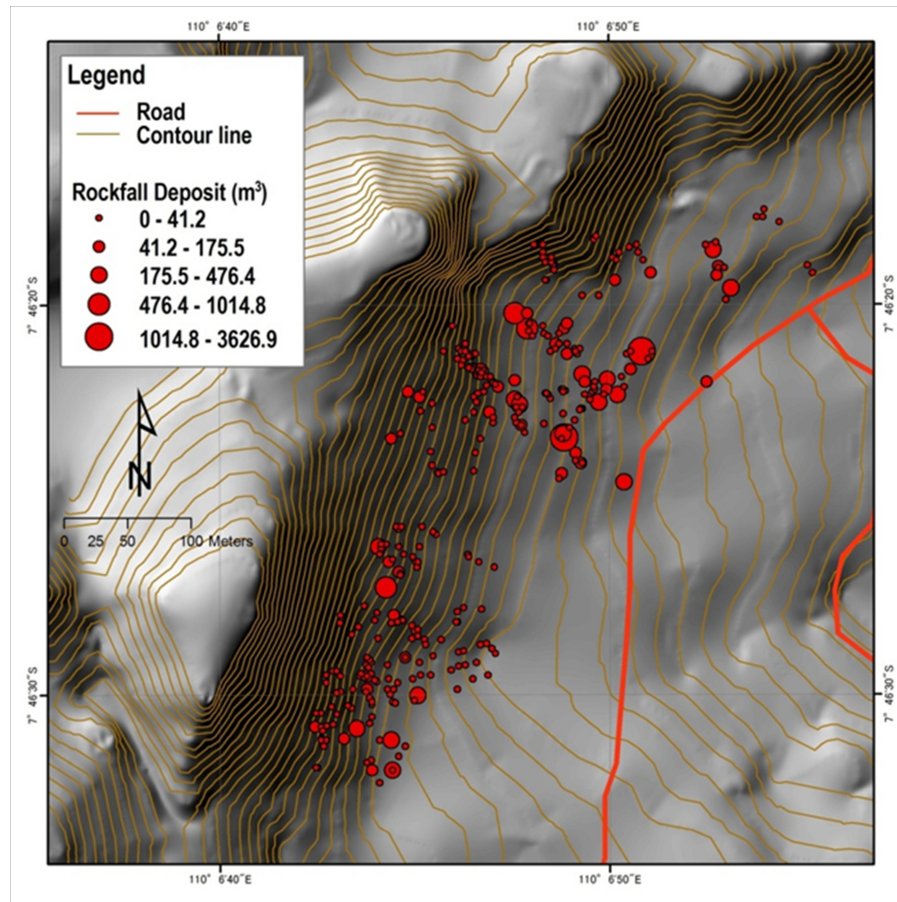
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**Fig. 4.** Distribution of rockfall boulders in Gunung Kelir obtained from geomorphological survey

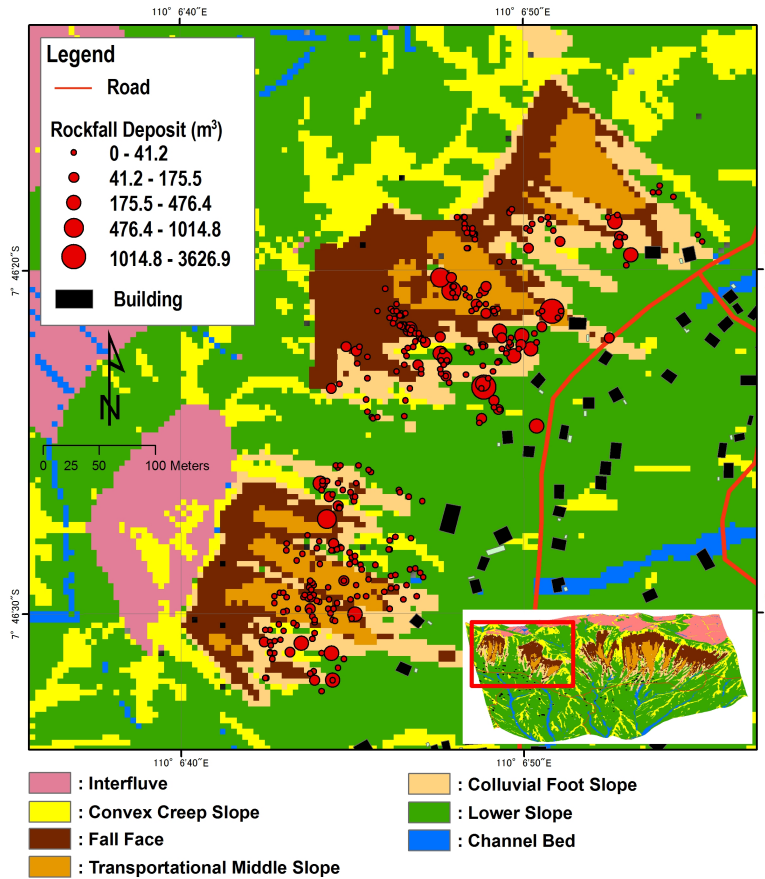
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**Fig. 5.** Distribution of rockfall boulders associated with elements at risk and generic landforms

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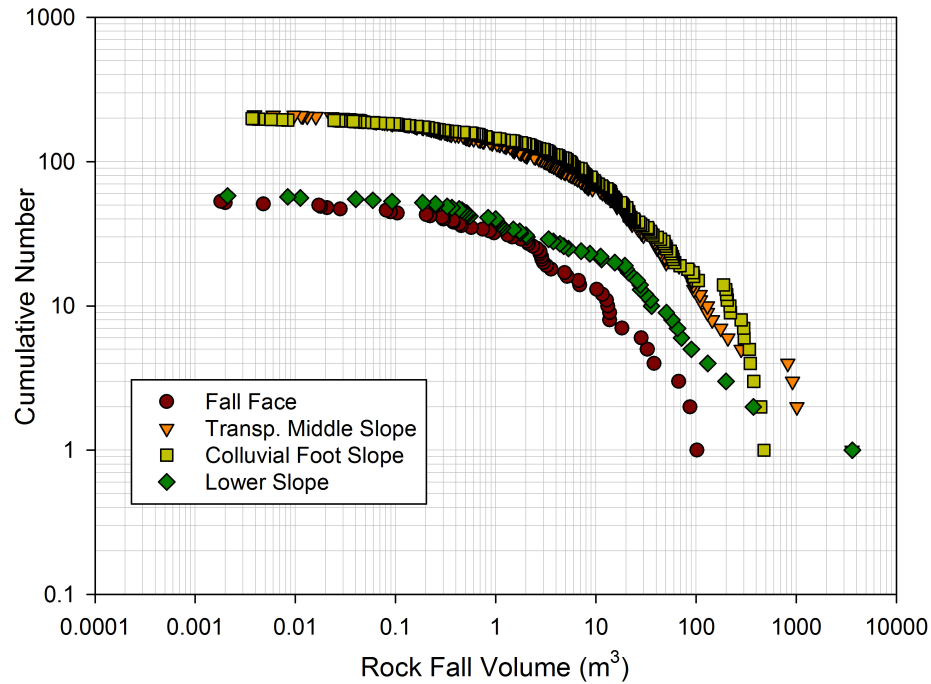
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**Fig. 6.** Cumulative frequency curves of rockfall volume

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