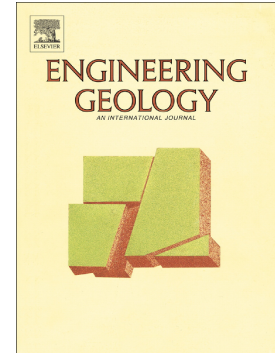


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**Research Paper****An integrated method for rapid estimation of the valley incision by debris flows**

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