Relationship between Surface Roughness and Manning Roughness

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Abstract: Relationship between surface roughness and Manning roughness was analysed by means of indoor simulated rainfall experiments. The critical value of same feature to the two roughness was 0.979. A formula for calcnlating surface roughness is obtained as : $Y = 1.3123e^{0.3005\ln(x)}$.

Key words: surface roughness; Manning roughness coefficient; calculation formula

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讯期将近,四川省划出4个灾害易发区

去年川西南暴发了多起泥石流、滑坡灾害,汛期渐近,四川省国土资源厅制定了 2004 年灾害防御预案。对四川省重点地质灾害点进行了预测分析,划出了 4 个地质灾害易发区。即:川西高山峡谷易发区;川西南中高山峡谷易发区;盆中低山峡谷易发区和盆中低山丘陵易发区。预案要求各级政府建立建全地质灾害防治工作责任制,并采取多种形式进行防灾宣传。

<div align="right">(凤蝉月)</div>