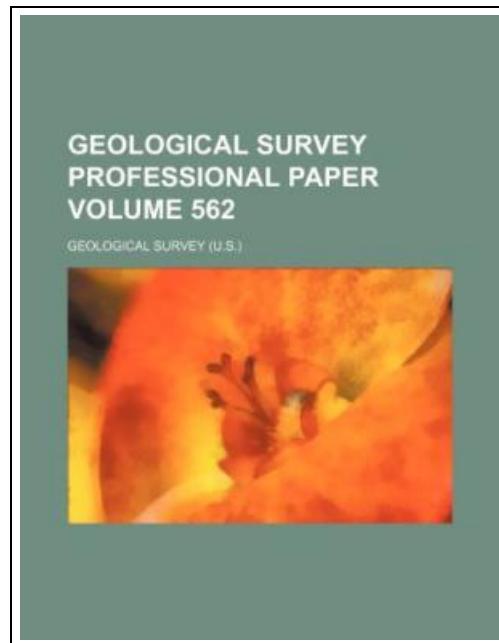


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Reviews

This is basically the best publication i have got read through right up until now. Sure, it really is perform, still an amazing and interesting literature. Your life span will probably be convert once you full reading this article ebook.
(Dr. Irma Welch)

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Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. Excerpt: .and (QS)1-5. Liu found in certain flume experiments using finer sand that bedform velocity is proportional to V_s . The depth effect can be distinguished on the DS and QS diagrams. As indicated earlier on the sedimenttransport diagrams (figs. 2, 3), the amount of sediment transported, at a given DS or QS value, increased as the water depth decreased, within the range of flow conditions studied. Figure 22 is consistent with this trend; it shows that the bed forms moved downstream faster as depth decreased when DS and QS were the measures of flow strength. As can be seen in the diagrams, the lines for the various depths are farthest apart on the power plot. They are closer together on the DS diagram, and the plots of bed-form velocity versus RS, V , and V , practically eliminate the effect of depth. Figure 20.--Bed-form height versus measures of flow strength. (Lines exclude $D=0.1$ ft.) CHARACTERISTICS RELATED TO SEDIMENT-TRANSPORT RATES The general trend of bed-form measurements with increase in transport rate can be seen in table 4. The bed-form length versus transport relation is virtually the same as that shown by the plots of wavelength versus flow strength. Bed-form height increased consistently with increase in transport rate (fig. 23). The point scatter precludes, and indeed the accuracy of the height values does not warrant, an attempt to fit an extremely accurate line to the data. The approximate relation for the bed forms at depths of 0.3 and 0.5 foot is $h \propto Q^{0.1}$



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