SEDSIZE

Model Uses	SEDDISCH is used to compute fluvial dis	scharge based on	user preferences	s.	
Major Categories	Geomorphology		<u>Subje</u>	ct Knowledge Intermediate	<u>Level</u>
Minor Categories	Sediment Sources		<u>Techr</u>	nical Difficulty Intermediate	<u>Level</u>
Model Type	Physical Model		Geo	graphic in Natu No	ıre?
Abstract SEDDISCH computes fluvial sediment discharge by allowing the user to choose between five described bedload formulas and eight described bed-material formulas. The bedload discharge formulas are those of Schoklitsch (1934), Kalinske, Meyer-Peter and Muller (1948), Rottner, and Einstein. The bed-material formulas are those of Laursen, Engelund and Hansen, Colby, Ackers and White, Yang sand formula, Yang gravel formula, Einstein, and Toffaleti.					
Future Developmen Unknown	its	Model Limitation	ons		
-	ght bed material formulas re bedload formulas				
session using the prodirect access file that	s generated during an interactive ogram DISDATA. DISDATA generates a lat is read by SEDDISCH. The following or by DISDATA to form the SEDDISCH station	Model Outputs Unknown			
the value of the opti run. One option is t entered. Zero value variables for the size	e size data are entered depending on ion code selected at the start of the hat no size distribution data are to be as are given to the percent-in-class are fractions. The other two options are as percent-finer values or as ues.				
Hardware Requirem 386 Processor or late		DOS	Supported Pla	atforms UNIX	
Software Requirement None specified	ents	Windows		Macintosh	

Cost, Licensing and Availability
Model is provided free of charge from link below.

Source

US Geological Survey

Source URL

http://water.usgs.gov/software/seddisch.html