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As mentioned earlier, the present study led to the presentation of a method based on soft calculations in estimating sediment transport rates, which can be used in real projects from two perspectives: First, the use of soft computing methods to estimate phenomena such as sediment transport, which on the one hand has many uncertainties and on the other hand has little data, can lead to better estimates of the actual projects. Secondly, support vector machine method has a higher response rate than conventional methods of soft computing such as neural network, which will reduce the cost and time of analysis of the coastal engineering projects.

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