

Interactive comment on “Prediction of littoral drift with artificial neural networks” by A. K. Singh et al.

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Received and published: 29 October 2007

The paper indeed covers an interesting study, and could be a contribution to the efforts of building more accurate models of littoral drift, so important in coastal engineering. However, there are some issues related to the methodology and I agree with the comments of the reviewers. Indeed the major issue is the justification of using a complex ANN in the situation of a small data set - quite a typical situation in sedimentation-related studies indeed. n-fold validation suggested by the 2nd reviewer is an option here. Another option is to use simpler machine learning models like M5 model tree of Quinlan, or instance-based learning methods (k-nearest neighbor for example). The author may consider these alternatives. Another issue is that the test set is used to tune the model - this is methodologically incorrect. The authors are invited to address the points raised.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 4, 2497, 2007.

HESSD

4, S1317–S1318, 2007

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