
ERRATUM

Erratum: “Modeling and Calculation of Bed Scour around Large-Diameter Vertical Cylinder under Wave Action” [Water Resources, 2007, vol. 34, no. 1, pp. 49-59]

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1. The title of the paper should read *Modeling and Calculation of Bed Scour around Large-Diameter Vertical Cylinder under Wave Action*

2. The third sentence in the abstract on p. 49 should read *The results of experiments with coarse sand were used to derive, for the first time, a formula for the estimation of the scour depth, including two similarity criteria—the sediment motion factor (SM-factor), and Keulegan–Carpenter number. This formula is applicable to both the engineering analysis of the scour depth of gravel bed or protective rip–rap by crashed rock or fine stone and the approximate prediction of the scour depth of sand bed around structures under real storm conditions.*

3. The second sentence in the fifth paragraph in the subsection *The Principal Qualitative Features of Bed Erosion around Vertical Cylinders in Experiments* (p. 52) should read *This distribution of the zones of sand scour and deposition around LDVC in experiments with coarse sand on a flat bed coincides with the distribution of these zones in the methodological experiments with a cylinder with a diameter of $D = 1.17$ m*

with polymeric particles and fine sand on a rigid flat bed [13].

4. The caption to Fig. 4 on p. 54 should read *Dependence of S_{max}/D on (a) Keulegan–Carpenter number and (b) SM-factor; coarse sand, flat bed (series II). (1) $d_{50} = 0.8$; (2) $d_{50} = 1.5$; and (3) $d_{50} = 2.5$ mm.*

5. On p. 54, right column, the fifth row from the bottom should read *up to $U_{fw}/u_{*cr} = 2.40$ and no signs of stabilization are...*

6. On p. 57, right column, the sentence on the 11th row from the bottom should begin with *The calculations for the scour of a gravel bed ...*

7. On p. 58, the second paragraph of CONCLUSIONS should begin with *Analysis of experimental results for coarse sand based on the theories of similarity and bed wave friction...*

8. On p. 58 (the second paragraph of CONCLUSIONS) the 23th row from the top should read *far from the cylinder (at $U_{fw}/u_{*cr} > 1$)...*

9. Ref. 3 on p. 59 should read *Khalfin, I.Sh., Avdeeva, V.I., and Murina, E.Yu., USSR Inventor’s Certificate no. 845041, cl. G 01M 10/00, 1981; Byull. Izobret., 1981, no. 25, pp. 15-18.*