

Erratum to: Estimating the Sediment and Water Capacity in the Aswan High Dam Lake Using Remote Sensing and GIS Techniques

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For this chapter, the following belated corrections were received from author:

1. The paragraph “The results indicate that the method used by AHDA underestimates the sedimentation capacity by about 4%” in **Abstract** section should be replaced by “The results indicate that the present approach overestimates the sedimentation capacity by about 4.3% compared to the results of the method used by AHDA”.
2. The paragraph “This means that the method used by AHDA underestimated the sedimentation capacity by about 4%.” in section **5.7 Application and Comparisons** should be replaced by “This means that the present approach

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overestimated the sedimentation capacity by about 4.3% compared to the method used by AHDA”.

3. The paragraph “Moreover, results indicate that the method used by the AHDA, based on the complementary cross sections, underestimates the sedimentation amount by about 4% from year 2000 to 2012” in section **6 Conclusions and Recommendations** should be replaced by “Moreover, results indicate that the present approach overestimates the sedimentation capacity by about 4.3% from year 2000 to 2012 compared to the results of the method used by AHDA”.
4. Reference “14. Moustafa A (2013) Predicting deposition in the Aswan high dam reservoir using a 2-D model. Ain Shams Eng J 4:143–153” in **References** section should be replaced by “14. Moustafa A (2013) Predicting the deposition in the Aswan high dam reservoir using a 2-D model. Ain Shams Eng J 4:143–153”.
5. Reference “37. Elshahabi MA, Negm AM, Ali KA (2016) Possible correlation of 2-D velocity profiles and sediment accumulation for AHDL. In: Nineteenth International Water Technology Conference, IWTC19, Sharm ElSheikh, Egypt” in **References** section should be replaced by “37. Elshahabi MA, Negm AM, Ali KA (2016) Correlating the velocity profiles to the sediment profiles of the active sedimentation zone of Aswan High Dam Lake. In: Proceedings of the nineteenth international water technology conference (IWTC19), Sharm ElSheikh, 21–23 April”.

We apologize for any inconvenience caused.