

LIST OF PUBLICATIONS

Faculty: Dr Ainal Hoque Gazi

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JOURNAL PUBLICATIONS

A new mathematical model to calculate the equilibrium scours depth around a pier - **Gazi, A.H.**, Afzal, M.S., *Acta Geophysica*. 68, 181–187 (2020)

Scour around piers under waves: Current status of research and its future prospect, **Gazi, A.H.**; Afzal, M. S.; Dey, S.- *Water* 11, no. 11: 2212. (2019)

A review on hydrodynamics of horseshoe vortex at a vertical cylinder mounted on a flat bed and its implication to scour at a cylinder. **Gazi, A.H.** and Afzal, M.S., *Acta Geophysica*, pp.1-15. (2020)

The Equilibrium Scour Depth around a Pier under the Action of Collinear Waves and Current. **Gazi AH**, Purkayastha S, Afzal MS., *Journal of Marine Science and Engineering*. 8(1):36 (2020)

Analytical Steady-state solution for a three- dimensional partially penetrating ditch drainage system receiving water from an uneven ponding field. Sarmah, R. and **Gazi AH**, *Journal of Irrigation and Drainage Engineering*, 146(12), p.06020011, (2020)

The flow hydrodynamics around tandem cylinders. **Gazi, A.H.**, Afzal, M.S., In: Maiti D.K. et al. (eds) Recent Advances in Computational and Experimental Mechanics, Vol II. *Lecture Notes in Mechanical Engineering*. Springer, Singapore. https://doi.org/10.1007/978-981-16-6490-8_20