Bibliography

- Zhixian Cao, Gareth Pender, Steve Wallis, and Paul Carling. Computational dam-break hydraulics over erodible sediment bed. *Journal of hydraulic engineering*, 130(7):689–703, 2004.
- [2] Cristiana Di Cristo, Stefania Evangelista, Massimo Greco, Michele Iervolino, Angelo Leopardi, and Andrea Vacca. Dam-break waves over an erodible embankment: experiments and simulations. *Journal of Hydraulic Research*, pages 1–15, 2017.
- [3] MJ Castro Díaz, Enrique D Fernández-Nieto, and AM Ferreiro. Sediment transport models in shallow water equations and numerical approach by high order finite volume methods. *Computers & Fluids*, 37(3):299–316, 2008.
- [4] David Doyen and Putu Harry Gunawan. An explicit staggered finite volume scheme for the shallow water equations. In *Finite Volumes for Complex Applications VII-Methods and Theoretical Aspects*, pages 227–235. Springer, 2014.
- [5] M Greco, C Di Cristo, S Evangelista, A Leopardi, M Iervolino, and A Vacca. Experimental investigation of embankment erosion during fast geomorphic processes. In *River Flow 2016, Eighth International Conference* on *Fluvial Hydraulics*, pages 9781315644479–77, 2016.
- [6] P H Gunawan, R Eymard, and SR Pudjaprasetya. Staggered scheme for the exner-shallow water equations. *Computational Geosciences*, 19(6):1197– 1206, 2015.
- [7] Sri Redjeki Pudjaprasetya and Ikha Magdalena. Momentum conservative scheme for shallow water flows. *East Asian J. Appl. Math.(EAJAM)*, 4(2):152–165, 2014.
- [8] Guss S Stelling and SP Alex Duinmeijer. A staggered conservative scheme for every froude number in rapidly varied shallow water flows. *International Journal for Numerical Methods in Fluids*, 43(12):1329–1354, 2003.

[9] Guus Stelling and Marcel Zijlema. An accurate and efficient finitedifference algorithm for non-hydrostatic free-surface flow with application to wave propagation. *International Journal for Numerical Methods in Fluids*, 43(1):1–23, 2003.