

## Daftar Pustaka

- [1] Didit Adytia. *Coastal zone simulations with Variational Boussinesq modelling*. PhD thesis, University of Twente, 2012.
- [2] Didit Adytia et al. Tsunami simulation in indonesia's areas based on shallow water equations and variational boussinesq model using finite element method. Master's thesis, Institut Teknologi Bandung, Dept. Mathematics, Bandung, Indonesia, 2008.
- [3] Didit Adytia, Dede Tarwidi, Samudra Ajri Kifli, and Sri Redjeki Pudjaprasetya. Staggered grid implementation of 1d boussinesq model for simulating dispersive wave. Accepted in proceeding.
- [4] Albert E Green and Paul M Naghdi. A derivation of equations for wave propagation in water of variable depth. *Journal of Fluid Mechanics*, 78(2):237–246, 1976.
- [5] Gert Klopman. *Variational Boussinesq modelling of surface gravity waves over bathymetry*. PhD thesis, Wohrmann Print Service, 2010.
- [6] Gert Klopman, Brenny Van Groesen, and Maarten W Dingemans. A variational approach to boussinesq modelling of fully nonlinear water waves. *Journal of fluid mechanics*, 657:36–63, 2010.
- [7] Ikha Magdalena. Non-hydrostatic numerical model for nearshore wave dynamics using a staggered finite volume method. Master's thesis, Institut Teknologi Bandung, Dept. Mathematics, Bandung, Indonesia, 2015.
- [8] Sri Redjeki Pudjaprasetya and Ikha Magdalena. Momentum conservative scheme for shallow water flows. *East Asian J. Appl. Math. (EAJAM)*, 4(2):152–165, 2014.
- [9] G. Stelling and S. P. A. 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.
- [10] Guus Stelling and M Zijlema. Numerical modeling of wave propagation, breaking and run-up on a beach. In *Advanced Computational Methods in Science and Engineering*, pages 373–401. Springer, 2009.

- [11] Costas Emmanuel Synolakis. The runup of solitary waves. *Journal of Fluid Mechanics*, 185:523–545, 1987.
- [12] E Van Groesen and Jaap Molenaar. *Continuum modeling in the physical sciences*. SIAM, 2007.