

## ELENCO PUBBLICAZIONI CHIARA FAVARETTO

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### ARTICOLI SU RIVISTE SCIENTIFICHE (INDICIZZATI)

- [1] Ruol, P., Martinelli, L., Favaretto, C., Barbariol, F., & Benetazzo, A. (2022). Representative and Morphological Waves along the Adriatic Italian Coast in a Changing Climate. *Water*, 14(17), 2678.
- [2] Favaretto, C., Manfè, G., Volpato, M., & Scarpa, G. M. (2022). Effect of Mo. SE Closures on Wind Waves in the Venetian Lagoon: In Situ and Numerical Analyses. *Water*, 14(16), 2579.
- [3] Benetazzo A, Davison S, Barbariol F, Mercogliano P, Favaretto C, Sclavo M. (2022) Correction of ERA5 Wind for Regional Climate Projections of Sea Waves. *Water*, 14(10), 1590.
- [4] Favaretto, C., Martinelli, L., Vigneron, E. M. P., & Ruol, P. (2022). Wave Hindcast in Enclosed Basins: Comparison among SWAN, STWAVE and CMS-Wave Models. *Water*, 14(7), 1087.
- [5] Favaretto, C., Martinelli, L., & Ruol, P. (2021). A Spatial Structure Variable Approach to Characterize Storm Events for Coastal Flood Hazard Assessment. *Water*, 13(18), 2556.
- [6] Ruol, P., Favaretto, C., Volpato, M., & Martinelli, L. (2020). Flooding of Piazza San Marco (Venice): Physical model tests to evaluate the overtopping discharge. *Water*, 12(2), 427.
- [7] Ruol, P., Martinelli, L., Favaretto, C., Scroccaro, D. (2020). Innovative Sand Groin Beach Nourishment with Environmental, Protection and Recreational Purposes. *International Journal of Offshore and Polar Engineering*, 30(03), 364-374.
- [8] Martinelli, L., Volpato, M., Favaretto, C., & Ruol, P. (2019). Hydraulic Experiments on a Small-Scale Wave Energy Converter with an Unconventional Dummy PTO. *Energies*, 12(7), 1218.
- [9] Favaretto, C.; Martinelli, L.; Ruol, P. (2019). Coastal Flooding Hazard Due to Overflow Using a Level II Method: Application to the Venetian Littoral. *Water*, 11, 134.
- [10] Favaretto, C., Martinelli, L., Ruol, P. (2019). A Model of Coastal Flooding Using Linearized Bottom Friction and Its Application to a Case Study in Caorle, Venice, Italy. *International Journal of Offshore and Polar Engineering*, 29(02), 182-190.
- [11] Ruol P, Martinelli L, Favaretto C. (2018). Vulnerability Analysis of the Venetian Littoral and Adopted Mitigation Strategy. *Water*. 10(8):984.
- [12] Martinelli, L., Ruol, P., Volpato, M., Favaretto, C., Castellino, M., De Girolamo, P., Franco, L., Romano, A., Sammarco, P. (2018). Experimental investigation on non-breaking wave forces and overtopping at the recurved parapets of vertical breakwaters. *Coastal Engineering*, 141:52-67.

### ARTICOLI IN ATTI DI CONVEGNI (CON REVISORI, INDICIZZATI)

- [13] Martinelli, L., Ruol, P., & Favaretto, C. (2022, June). Characterization of Storm Events for Coastal Flood Hazard Assessment: Sensitivity of the Spatial Structure Variable to the Number of Simulations. *Proc. of the 32nd International Ocean and Polar Engineering Conference*, 2622-2627.
- [14] Martinelli, L., Ruol, P., & Favaretto, C. (2021, June). Analysis of overflow and wave overtopping of the Scardovari lagoon levees. *Proc. of the 31st International Ocean and Polar Engineering Conference*, 2284-2291.
- [15] Favaretto, C., Volpato, M., Martinelli, L., Ruol, P. (2020). Numerical Investigation on Wind Set-Up and Wind Waves in Front of Piazza San Marco, Venice (IT). *Proc. of the 30th International Ocean and Polar Engineering Conference*, 2650-2656.
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- [17] Martinelli L., M. Volpato, C. Favaretto, P. Ruol, (2019). Spatial distribution of overtopping on rubble mound breakwaters under oblique waves. Proc. of the 29th International Ocean and Polar Engineering Conference, 3659-3666.
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- [24] Martinelli, L., Ruol, P., Favaretto, C., Volpato, M. (2018). Experimental investigation on the dynamics of a Floating WEC with PTO phase control. Proc. of the 13th SWEDES conference.
- [25] Favaretto, C., Martinelli, L., Ruol, P., (2018). Sulla disposizione ottimale di frangiflutti galleggianti a catamarano combinati a convertitori di energia ondosa. Proc. XXXVI Convegno Nazionale di Idraulica e Costruzioni Idrauliche - IDRA, 350.
- [26] Castellino, M., Sammarco, P., Romano, A., Martinelli, L., Ruol, P., Volpato, M., Favaretto, C., Franco, L., De Girolamo, P. (2018). Forze impulsive e sormonti su muri ricurvi soggetti ad onde non frangenti. Proc. XXXVI Convegno Nazionale di Idraulica e Costruzioni Idrauliche - IDRA, 308.
- [27] Ruol, P., Martinelli, L., Favaretto, C. (2016). Una metodologia per la valutazione di criticità e priorità di intervento: il caso del litorale Veneto. Proc. XXXV Convegno Nazionale di Idraulica e Costruzioni Idrauliche - IDRA, 907-910.
- [28] Martinelli, L., Ruol, P., Favaretto, C., Marini, F. (2016). Interazioni tra componenti elettriche e idrodinamiche per un convertitore di energia ondosa. Proc. XXXV Convegno Nazionale di Idraulica e Costruzioni Idrauliche - IDRA, 237-240.
- [29] Ruol, P., Favaretto, C., Martinelli, L. (2015). A structured approach for the assessment of sediment budget in coastal management: the case of the Venetian littoral. Proc. 7th International Short Conference on Applied Coastal Research – SCACR, 437-448.

#### **MONOGRAFIE**

- [30] Ruol, P., Martinelli, L., Favaretto, C. (2016): Gestione integrata della zona costiera. Studio e monitoraggio per la definizione degli interventi di difesa dei litorali dall'erosione nella Regione Veneto - Linee guida. Edizioni Libreria Progetto, ISBN 978-88-96477-84-7. Linee guida approvate dalla Regione Veneto con DGR n° 898 – 14/06/2016.