









- [5] Kirke, B. Hydrokinetic turbines for moderate sized rivers. *Energy for Sustainable Development* (2020). Vol. 58, pp. 182-195.
- [6] Narsipur A., Pomeroy B., and Selig M. CFD Analysis of multielement airfoil for wind turbines. 30th AIAA Applied Aerodynamics Conference (2012). pp. 2781.
- [7] Yavuz, T., Kilkis, B., Koc, E., and Erol, O. Flow and performance characteristics of a double-blade hydrofoil. In *Advanced Materials Research* (2012). Vol. 433, pp. 7218-7222.
- [8] Yavuz, T., and Koç, E. Performance analysis of double blade airfoil for hydrokinetic turbine applications. *Energy conversion and management* (2012). Vol. 63, pp. 95-100.
- [9] Yavuz, T., Koç, E., Kılış, B., Erol, Ö., Balas, C., and Aydemir, T. Performance analysis of the airfoil-slat arrangements for hydro and wind turbine applications. *Renewable energy* (2015). Vol. 74, pp. 414-421.
- [10] Hashemi, S. M., Moghimi, M., and Derakhshan, S. Experimental and numerical study of a flapping-blade vertical-axis hydrokinetic turbine under free surface deformation and blockage effects. *International Journal of Environmental Science and Technology* (2020). Vol. 17(8), pp. 3633-3650.
- [11] Ragheb, A., and Selig, M. Multi-element airfoil configurations for wind turbines. In 29th AIAA Applied Aerodynamics Conference (2011). pp. 3971.
- [12] Aguilar, J., Rubio-Clemente, A., Velasquez, L., and Chica, E. Design and Optimization of a Multi-Element Hydrofoil for a Horizontal-Axis Hydrokinetic Turbine. *Energies* (2019). Vol. 12(24), pp. 4679.
- [13] Jeong, S., Murayama, M., and Yamamoto, K. Efficient optimization design method using kriging model. *Journal of aircraft* (2005). Vol. 42(2), pp. 413-420.
- [14] Manwell, J. F., McGowan, J.G., and Rogers, A.L. *Aerodynamics of Wind Turbines*. In: J. F Manwell, JG McGowan and AL Rogers (eds) *Wind energy explained: theory, design and application*. 2th ed. UK: John Wiley & Sons 2009, cap. 3, pp. 91-155.
- [15] Menter, F.R. Two-equation eddy-viscosity turbulence models for engineering applications. *AIAA journal* (1994). Vol. 32(8), pp. 1598-1605.
- [16] Prakoso, A. P., Adanta, D., and Irwansyah, R. Approach for a breastshot waterwheel numerical simulation methodology using six degrees of freedom. *Energy Reports* (2020). Vol. 6, pp. 611-616.
- [17] Prakoso, A. P., Siswantara, A. I., and Adanta, D. Comparison between 6-DOF UDF and moving mesh approaches in CFD methods for predicting cross-flow pico-hydro turbine performance. *CFD Letters* (2019). Vol. 11(6), 86-96.
- [18] Roache, P. J. Perspective: a method for uniform reporting of grid refinement studies. *Journal of Fluids Engineering* (1994). Vol. 116, pp. 405-413.
- [19] Tian, W., Mao, Z., and Ding, H. Design, test and numerical simulation of a low-speed horizontal axis hydrokinetic turbine. *International Journal of Naval Architecture and Ocean Engineering* (2018). Vol. 10(6), pp. 782-793