GENNAIO 2020

1. Campisano, A., Modica, C., Creaco, E., Shahsavari, G.; A model for non-uniform sediment transport induced by flushing in sewer channels (2019) Water Research, 163, art. no. 114903,
2. Campisano, A., Gullotta, A., Modica, C.; Using EPA-SWMM to simulate intermittent water distribution systems (2018) Urban Water Journal, 15 (10), pp. 925-933.
3. Campisano, A., Gullotta, A., Modica, C.; Laboratory analysis of the outflow and detention processes from modular tray-based blue roofs (2018) Urban Water Journal, 15 (10), pp. 934-942.
4. Campisano, A., Creaco, E., Modica, C.; Nondimensional simulation-based regression formulas for slit dam design in mountain rivers (2018) Journal of Hydraulic Engineering, 144 (9).
5. Creaco, E., Campisano, A., Modica, C.; Testing behavior and effects of PRVs and RTC valves during hydrant activation scenarios (2018) Urban Water Journal, 15 (3), pp. 218-226.
6. Campisano, A., D'Amico, G., Modica, C.; Water saving and cost analysis of large-scale implementation of domestic rain water harvesting in minor Mediterranean islands (2017) Water (Switzerland), 9 (12).
7. Pappalardo, V., Campisano, A., Martinico, F., Modica, C., Barbarossa, L.; A hydraulic invariance-based methodology for the implementation of storm-water release restrictions in urban land use master plans (2017) Hydrological Processes, 31 (23), pp. 4046-4055.
8. Campisano, A., Catania, F.V., Modica, C.; Evaluating the SWMM LID Editor rain barrel option for the estimation of retention potential of rainwater harvesting systems (2017) Urban Water Journal, 14 (8), pp. 876-881.
9. Creaco, E., Campisano, A., Franchini, M., Modica, C.; Unsteady flow modeling of pressure real-time control in water distribution networks (2017) Journal of Water Resources Planning and Management, 143 (9).
10. Campisano, A., Modica, C., Reitano, S., Ugarelli, R., Bagherian, S.; Field-oriented methodology for real-time pressure control to reduce leakage in water distribution networks (2016) Journal of Water Resources Planning and Management, 142 (12).
11. Campisano, A., Modica, C.; Two-step numerical method for improved calculation of water leakage by water distribution network solvers (2016) Journal of Water Resources Planning and Management, 142 (2).
12. Campisano, A., Modica, C.; Rainwater harvesting as source control option to reduce roof runoff peaks to downstream drainage systems (2016) Journal of Hydroinformatics, 18 (1), pp. 23-32.
13. Campisano, A., Creaco, E., Modica, C.; Application of real-time control techniques to reduce water volume discharges from quality-oriented CSO devices (2016) Journal of Environmental Engineering (United States), 142 (1).
14. Campisano, A., Modica, C.; Appropriate resolution timescale to evaluate water saving and retention potential of rainwater harvesting for toilet flushing in single houses (2015) Journal of Hydroinformatics, 17 (3), pp. 331-346.
15. Campisano, A., Modica, C.; Selecting time scale resolution to evaluate water saving and retention potential of rainwater harvesting tanks (2014) Procedia Engineering, 70, pp. 218-227.
16. Campisano, A., Cutore, P., Modica, C.; Improving the evaluation of slit-check dam trapping efficiency by using a 1D unsteady flow numerical model (2014) Journal of Hydraulic Engineering, 140 (7), art. no. 04014024.
17. Shirazi, R.H.S.M., Campisano, A., Modica, C., Willems, P.; Modelling the erosive effects of sewer flushing using different sediment transport formulae (2014) Water Science and Technology, 69 (6), pp. 1198-1204.
18. Campisano, A., Di Liberto, D., Modica, C., Reitano, S.; Potential for peak flow reduction by rainwater harvesting tanks (2014) Procedia Engineering, 89, pp. 1507-1514.
19. Campisano, A., Creaco, E., Modica, C. 6603283186;56037591400;6602741808; Numerical modelling of sediment bed aggradation in open rectangular drainage channels (2013) Urban Water Journal, 10 (6), pp. 365-376.
20. Campisano, A., Modica, C.; A method to calibrate P controllers for the real-time control of pressures in water distribution networks (2013) World Environmental and Water Resources Congress 2013: Showcasing the Future - Proceedings of the 2013 Congress, pp. 3122-3132.
21. Campisano, A., Cutore, P., Modica, C.; Modelling sediment deposit evolution upstream of slit-check dams in mountain streams (2013) World Environmental and Water Resources Congress 2013: Showcasing the Future - Proceedings of the 2013 Congress, pp. 1757-1768.
22. Campisano, A., Cutore, P., Modica, C.; Performance of domestic rainwater harvesting systems at regional scale (2013) World Environmental and Water Resources Congress 2013: Showcasing the Future - Proceedings of the 2013 Congress, pp. 280-289.
23. Campisano, A., Gnecco, I., Modica, C., Palla, A.; Designing domestic rainwater harvesting systems under different climatic regimes in Italy (2013) Water Science and Technology, 67 (11), pp. 2511-2518.
24. Campisano, A., Modica, C., Vetrano, L.; Calibration of proportional controllers for the RTC of pressures to reduce leakage in water distribution networks (2012) Journal of Water Resources Planning and Management, 138 (4), pp. 377-384.
25. Campisano, A., Modica, C.; Regional scale analysis for the design of storage tanks for domestic rainwater harvesting systems (2012) Water Science and Technology, 66 (1), pp. 1-8.
26. Campisano, A., Modica, C.; Optimal sizing of storage tanks for domestic rainwater harvesting in Sicily (2012) Resources, Conservation and Recycling, 63, pp. 9-16.
27. Campisano, A., Creaco, E., Modica, C.; A simplified approach for the design of infiltration trenches (2011) Water Science and Technology, 64 (6), pp. 1362-1367.
28. Creaco, E., Campisano, A., Khe, A., Modica, C., Russo, G.; Head reconstruction method to balance flux and source terms in shallow water equations (2010) Journal of Engineering Mechanics, 136 (4), art. no. 011004QEM, pp. 517-523.
29. Campisano, A., Modica, C.; Experimental investigation on water saving by the reuse of washbasin grey water for toilet flushing (2010) Urban Water Journal, 7 (1), pp. 17-24.
30. Campisano, A., Creaco, E., Modica, C.; RTC of valves for leakage reduction in water supply networks (2010) Journal of Water Resources Planning and Management, 136 (1), art. no. 009001QWR, pp. 138-141.
31. Campisano, A., Creaco, E., Modica, C.; P controller calibration for the real time control of moveable weirs in (proportional) sewer channels (Water Science and Technology 59(11), 2237-2244 doi:10.2166/wst.2009.272) (2009) Water Science and Technology, 60 (8), p. 2203.
32. Campisano, A., Creaco, E., Modica, C.; P controller calibration for the real time control of moveable weirs in (proportional) sewer channels (2009) Water Science and Technology, 59 (11), pp. 2237-2244.
33. Cutore, P., Campisano, A., Kapelan, Z., Modica, C., Savic, D.; Probabilistic prediction of urban water consumption using the SCEM-UA algorithm (2008) Urban Water Journal, 5 (2), pp. 125-132.
34. Campisano, A., Creaco, E., Modica, C.; Laboratory investigation on the effects of flushes on cohesive sediment beds (2008) Urban Water Journal, 5 (1), pp. 3-14.
35. Cutore, P., Campisano, A., Modica, C., Kapelan, Z., Savic, D.; Stochastic forecasting of urban water consumption using Neural Networks and the SCEM-UA algorithm (2007) Proceedings of the Combined International Conference of Computing and Control for the Water Industry, CCWI2007 and Sustainable Urban Water Management, SUWM2007, pp. 371-378.
36. Campisano, A., Creaco, E., Modica, C.; Dimensionless approach for the design of flushing gates in sewer channels (2007) Journal of Hydraulic Engineering, 133 (8), pp. 964-972.
37. Cutore, P., Cristaudo, G., Campisano, A., Modica, C., Cancelliere, A., Rossi, G.; Regional models for the estimation of streamflow series in ungauged basins (2007) Water Resources Management, 21 (5), pp. 789-800.
38. Campisano, A., Creaco, E., Modica, C.; Experimental analysis of the hydrass flushing gate and laboratory validation of flush propagation modelling (2006) Water Science and Technology, 54 (6-7), pp. 101-108.
39. Campisano, A., Creaco, E., Modica, C.; Discussion of "gate and vacuum flushing of sewer sediment: Laboratory testing" by Qizhong Guo, Chi-Yuan Fan, Ramjee Raghaven, and Richard Field (2005) Journal of Hydraulic Engineering, 131 (12), pp. 1145-1146.
40. Bertrand-Krajewski, J.-L., Campisano, A., Creaco, E., Modica, C.; Experimental analysis of the Hydrass flushing gate and field validation of flush propagation modelling (2005) Water Science and Technology, 51 (2), pp. 129-137.
41. Campisano, A., Creaco, E., Modica, C.; Experimental and numerical analysis of the scouring effects of flushing waves on sediment deposits (2004) Journal of Hydrology, 299 (3-4), pp. 324-334.
42. Amore, E., Modica, C., Nearing, M.A., Santoro, V.C.; Scale effect in USLE and WEPP application for soil erosion computation from three Sicilian basins (2004) Journal of Hydrology, 293 (1-4), pp. 100-114.
43. Campisano, A., Modica, C.; Flow velocities and shear stresses during flushing operations in sewer collectors (2003) Water Science and Technology, 47 (4), pp. 123-128.
44. Campisano, A., Modica, C.; PID and PLC units for the real-time control of sewer systems (2002) Water Science and Technology, 45 (7), pp. 95-104.
45. Campisano, A., Modica, C.; P units calibration for the RTC of sewer collectors using a dimensionless approach (2002) Global Solutions for Urban Drainage, pp. 1-11.
46. Campisano, A., Schilling, W., Modica, C.; Regulators' setup with application to the Roma-Cecchignola combined sewer system (2000) Urban Water, 2 (3), pp. 235-242.
47. Modica, C., Pezzinga, G.; On a throttle moving device at the base of air chambers. Part II: numerical investigation [Su un dispositivo mobile di strozzatura alla base di casse d'aria. Part II: Indagine numerica] (1990) L'ENERGIA ELETTRICA, 67 (12 Dec.), pp. 519-530.
48. Modica, C., Pezzinga, G.; On a throttle moving device at the base of air chambers. Part I: experimental investigation [Su un dispositivo mobile di strozzatura alla base di casse d'aria. Parte I: Indagine sperimentale] (1990) L'ENERGIA ELETTRICA, 67 (12 Dec.), pp. 507-517.
49. Modica, C., Pezzinga, G.; The effects of the throttle on transients in pumping pipelines wit h air chamber. [L'effetto della strozzatura sui transitori negli impianti elevatori muniti di cassa d'aria.] (1989) L'ENERGIA ELETTRICA, 66 (11 , Nov., 1989), pp. 507-518.