

LIST OF PAPERS

International Journals:

- 1 IJ.1 Campisano A., **Creaco E.**, Modica C. (2004). Experimental and numerical analysis of the scouring effects of flushing waves on sediment deposits. *Journal of Hydrology* (ISI), 299(2004), pp. 324-334, Elsevier (ISSN: 0022-1694).
- 2 IJ.2 Campisano A., **Creaco E.**, Modica C. (2005). Discussion of “Gate and Vacuum Flushing of Sewer Sediment: Laboratory Testing” by Qizhong Guo, Chi-Yuan Fan, Ramjee Raghaven and Richard Field. *Journal of Hydraulic Engineering* (ISI), 131(12), pp. 1145-1146, ASCE (ISSN: 0733-9429).
- 3 IJ.3 Bertrand-Krajewski J.-L., Campisano A., E. **Creaco E.**, Modica C. (2005). Experimental analysis of the Hydrass flushing gate and field validation of flush propagation modelling. *Water Science and Technology* (ISI), 51(2), pp. 129-137, IWA Publishing (ISSN: 0273-1223).
- 4 IJ.4 Campisano A., **Creaco E.**, Modica C. (2006). Experimental analysis of the Hydrass flushing gate and laboratory validation of flush propagation modelling. *Water Science and Technology* (ISI), 54(6-7), pp. 101-108, IWA Publishing (ISSN: 0273-1223).
- 5 IJ.5 Campisano A., **Creaco E.**, Modica C. (2007). Dimensionless approach for the set-up of flushing gates in sewer channels. *Journal of Hydraulic Engineering* (ISI), 133(8), pp. 964-972, ASCE (ISSN: 0733-9429).
- 6 IJ.6 Campisano A., **Creaco E.**, Modica C., Reitano S. (2007). Sensitivity analysis of the formulas for predicting hiding processes in simulating bed aggradation. *Communications to SIMAI Conferences* (NOT ISI), Vol.2 (ISSN: 1827-9015).
- 7 IJ.7 Campisano A., **Creaco E.**, Modica C. (2008). Laboratory investigation on the effects of flushes on cohesive sediment beds. *Urban Water Journal* (ISI), 5(1), pp. 3-14, Taylor & Francis (ISSN: 1573-062X).
- 8 IJ.8 **Creaco E.**, Bertrand-Krajewski J.L. (2009). Numerical simulation of flushing effect on sewer sediments and comparison of four sediment transport formulas. *Journal of Hydraulic Research* (ISI), 47(2), 195-202 (ISSN: 1814-2079).
- 9 IJ.9 Campisano A., **Creaco E.**, Modica C. (2009). P controller calibration for the real time control of moveable weirs in sewer channels. *Water Science and Technology* (ISI), 59(11), 2237-2244, IWA Publishing (ISSN: 0273-1223).
- 10 IJ.10 Campisano A., **Creaco E.**, Modica C. (2010). RTC of valves for leakage reduction in water supply networks. *Journal of Water Resources Planning and Management* (ISI), 136(1), 138-141, ASCE (ISSN: 0733-9496).
- 11 IJ.11 **Creaco E.**, Campisano A., Khe A., Modica C., Russo G. (2010). Head reconstruction method to balance flux and source terms in shallow water equations. *Journal of Engineering Mechanics* (ISI), 136(4), 517-523, ASCE (ISSN: 0733-9399).
- 12 IJ.12 **Creaco E.**, Franchini M., Alvisi S. (2010). Optimal placement of isolation valves in water distribution systems based on valve cost and weighted average

- demand shortfall. *Water Resources Management* (ISI), 24(15), 4317–4338 (ISSN: 0920-4741).
- 13 IJ.13 Campisano A., **Creaco E.**, Modica C. (2011). A simplified approach for the design of infiltration trenches. *Water Science and Technology* (ISI), 64(6), 1362-1367, IWA Publishing (ISSN: 0273-1223).
 - 14 IJ.14 Alvisi S., **Creaco E.**, Franchini M. (2011). Segment identification in water distribution systems. *Urban Water Journal* (ISI), 8(4), 203–217, Taylor & Francis (ISSN: 1573-062X).
 - 15 IJ.15 Alvisi S., **Creaco E.**, Franchini M. (2012). Crisp discharge forecasts and grey uncertainty bands using data-driven models. *Hydrology Research* (ISI), 43(5), 589-602, IWA Publishing (ISSN: 0029-1277).
 - 16 IJ.16 **Creaco E.** (2012). Closure to Head reconstruction method to balance flux and source terms in shallow water equations by Creaco E., Campisano A., Khe A., Modica C., Russo G. *Journal of Engineering Mechanics* (ISI), 138(5), 553–554, ASCE (ISSN: 0733-9399).
 - 17 IJ.17 **Creaco E.**, Franchini M., Alvisi S. (2012). Evaluating water demand shortfalls in segment analysis. *Water Resources Management* (ISI), 26(8), 2301–2321 Springer (ISSN: 0920-4741).
 - 18 IJ.18 **Creaco E.**, Franchini M. (2012). Fast network multi-objective design algorithm combined with an a-posteriori procedure for reliability evaluation under various operational scenarios. *Urban Water Journal* (ISI), 9(6), 385-399, Taylor & Francis (ISSN: 1573-062X).
 - 19 IJ.19 **Creaco E.**, Franchini M. (2012). A dimensionless procedure for the design of infiltration trenches. *Journal American Water Works Association* (ISI), 104(9), 45-46 (extended paper published on-line pages E501-E509) (ISSN: 2164-4535).
 - 20 IJ.20 Campisano A., **Creaco E.**, Modica C. (2013). Numerical modelling of sediment bed aggradation in open rectangular drainage channels. *Urban Water Journal* (ISI), 10(6), 365-376, Taylor & Francis (ISSN: 1573-062X).
 - 21 IJ.21 **Creaco E.**, Franchini M. (2013). A new algorithm for the real time pressure control in water distribution networks. *Water Science and Technology-Water Supply* (ISI), 13(4), 875-882 IWA Publishing (ISSN: 1606-9749).
 - 22 IJ.22 **Creaco E.**, Franchini M., Walski T.M. (2014). Accounting for phasing of construction within the design of water distribution networks. *Journal of Water Resources Planning and Management* (ISI), 140(5), 598-606, ASCE (ISSN: 1943-5452).
 - 23 IJ.23 Farina G., **Creaco E.**, Franchini M. (2014). Using EPANET for modelling water distribution systems with users along the pipes. *Civil Engineering and Environmental systems* (ISI), 31(1), 36-50, Taylor & Francis (ISSN: 1028-6608).
 - 24 IJ.24 Marchi A., Salomons E., Ostfeld A., Kapelan Z., Simpson A.R., Zecchin A.C., Maier H.R., Wu Z.Y., Elsayed S. M., Song Y., Walski T., Stokes C., Wu W., Dandy G. C., Alvisi S., **Creaco E.**, Franchini M., Saldarriaga J., Páez D.,

Hernández D., Bohórquez J., Bent R., Coffrin C., Judi D., McPherson T., van Hentenryck P., Matos J.P., Monteiro A.J., Matias N., Yoo D.G., Lee H.M., Kim J.H., Iglesias-Rey P. L., Martínez-Solano F.J., Mora-Meliá D., Ribelles-Aguilar J.V., Guidolin M., Fu G., Reed P., Wang Q., Liu H., McClymont K., Johns M., Keedwell E., Kandiah V., Jasper M.N., Drake K., Shafiee E., Barandouzi M.A., Berglund A.D., Brill D., Mahinthakumar G., Ranjithan R., Zechman E.M., Morley M.S., Tricarico C., De Marinis G., Tolson B.A., Khedr A., Asadzadeh M. (2014). The Battle of the Water Networks II (BWN-II). *Journal of Water Resources Planning and Management* (ISI), 140(7), 04014009-1-14, ASCE (ISSN: 0733-9496).

- 25 IJ.25 **Creaco E.**, Franchini M. (2014). Comparison of Newton-Raphson Global and Loop Algorithms for Water Distribution Network Resolution. *Journal of Hydraulic Engineering* (ISI), 140(3), 313-321, ASCE (ISSN: 0733-9429).
- 26 IJ.26 **Creaco E.**, Franchini M., Walski T.M. (2015). Taking Account of Uncertainty in Demand Growth When Phasing the Construction of a Water Distribution Network. *Journal of Water Resources Planning and Management* (ISI), 141(2), 04014049-1-13, ASCE (ISSN: 0733-9496).
- 27 IJ.27 **Creaco E.**, Pezzinga G. (2015). Multi-objective optimization of pipe replacements and control valve installations for leakage attenuation in water distribution networks. *Journal of Water Resources Planning and Management* (ISI), 141(3), 04014059-1-10, ASCE (ISSN: 0733-9496).
- 28 IJ.28 **Creaco E.**, Franchini M., Todini E.. (2015). The combined use of resilience and loop diameter uniformity as a good indirect measure of network reliability. *Urban Water Journal* (ISI), doi: 10.1080/1573062X.2014.949799, Taylor and Francis (ISSN: 1573-062X).
- 29 IJ.29 **Creaco E.**, Pezzinga G. (2015). Embedding Linear Programming in Multi Objective Genetic Algorithms for Reducing the Size of the Search Space with Application to Leakage Minimization in Water Distribution Networks. *Environmental Modelling & Software* (ISI), 69, 308-318.
- 30 IJ.30 **Creaco E.**, Franchini M., Walski T.M. (2015). Comparison of various phased approaches for the constrained minimum-cost design of water distribution networks. *Urban Water Journal* (ISI), doi: 10.1080/1573062X.2014.991330, Taylor and Francis (ISSN: 1573-062X).
- 31 IJ.31 Wang Q., **Creaco E.**, Franchini M., Savic D., Kapelan Z. (2015). Comparing Low and High-Level Hybrid Algorithms on the Two-Objective Optimal Design of Water Distribution Systems. *Water Resources Management* (ISI), 29(1), 1-16, Springer (ISSN: 0920-4741).
- 32 IJ.32 **Creaco E.**, Farmani R., Kapelan Z., Vamvakeridou-Lyroudia L., Savic D. (2015). Considering the mutual dependence of pulse duration and intensity in models for generating residential water demand. *Journal of Water Resources Planning and Management* (ISI), doi: 10.1061/(ASCE)WR.1943-5452.0000557, ASCE (ISSN: 0733-9496).
- 33 IJ.33 **Creaco E.**, Alvisi S., Franchini M. (2015). Multi-step approach for optimizing

design and operation of the C-Town pipe network model. *Journal of Water Resources Planning and Management* (ISI), doi: 10.1061/(ASCE)WR.1943-5452.0000585, ASCE (ISSN: 0733-9496).

- 34 IJ.34 Campisano A., **Creaco E.**, Modica C. (2015). Application of Real-Time Control Techniques to Reduce Water Volume Discharges from Quality-Oriented CSO Devices. *Journal of Environmental Engineering* (ISI), doi: 10.1061/(ASCE)EE.1943-7870.0001013, ASCE.
- 35 IJ.35 Walski T., **Creaco E.** (2015). Selection of Pumping Configuration for Closed Water Distribution Systems. *Journal of Water Resources Planning and Management* (ISI), accepted for publication, ASCE (ISSN: 0733-9496).
- 36 IJ.36 **Creaco E.**, Fortunato A., Franchini M., Mazzola M.R. (2015). Water distribution networks robust design based on energy surplus index maximization. *Water Science & Technology: Water Supply* (ISI), doi:10.2166/ws.2015.091, IWA Publishing (ISSN: 1606-9749).
- 37 IJ.37 **Creaco E.**, Alvisi S., Farmani R., Vamvakeridou-Lyroudia L., Franchini M., Kapelan Z., Savic D. (2015). Methods for preserving duration-intensity correlation on synthetically generated water demand pulses. *Journal of Water Resources Planning and Management* (ISI), accepted for publication, ASCE (ISSN: 0733-9496).

National Journals:

- 38 NJ.1 Campisano A., **Creaco E.**, Modica C. (2007). L'adozione di tecniche di RTC per la riduzione delle perdite idriche nelle reti di acquedotto. *Architettura del paesaggio*, 17(2007), allegato su CDROM (ISSN: 1125-0259).
- 39 NJ.2 **Creaco E.**, Franchini M., Alvisi S. (2010). La modellazione delle reti con distribuzione generica della domanda lungo i tronchi. *L'Acqua*, 2(2010), 79-82 (ISSN 1125-1255).
- 40 NJ.3 **Creaco E.**, Franchini M., Alvisi S. (2011). Valutazione della domanda idrica non soddisfatta a seguito dell'isolamento di settori di rete. *Servizi a rete*, Maggio-Giugno, 87-91.
- 41 NJ.4 **Creaco E.**, Franchini M. (2012). Una procedura di progetto delle reti idriche basata sui costi di investimento e manutenzione e sull'affidabilità. *L'Acqua*, 4(2012), allegato su CDROM (ISSN 1125-1255).

International Books:

- 42 IB.1 Campisano A., **Creaco E.**, Modica C. (2004). Comparison between the performances of two combined sewer overflow devices in the reduction of water volume and pollutant discharges. In: *Sewer Networks and Processes within Urban Water Systems*, IWA WEM Book Series n. 4, Bertrand-Krajewski J.-L. et al. (eds), pp. 31-39, IWA Publishing (ISBN: 1 84339 506 1).
- 43 IB.2 Campisano A., **Creaco E.**, Modica C. (2004). Improving combined sewer overflow and treatment plant performances by Real Time Control operations. In:

Enhancing Urban Environment by Environmental Upgrading and Restoration, NATO Science Series, vol. 43, pp. 123-138, September 2004, Marsalek J. et al. (eds), Springer-Kluwer Academic Publishers, The Netherlands (ISBN: 1 4020 2693 5).

- 44 IB.3 Campisano A., **Creaco E.**, Modica C. (2009). Laboratory experiments and numerical models for the analysis of the hydraulics of flushing waves. In: *Standard Design of Hydraulic Structures in Urban Drainage Systems*, G. Rasulo and G. Del Giudice (eds), CSDU, Milano, pp. 43-58 (ISBN: 978 88 903223 2 7).
- 45 IB.4 Campisano A., **Creaco E.**, Modica C. (2009). The erosive effects of flushing waves on mobile beds. Laboratory experiments and numerical simulations. In: *Standard Design of Hydraulic Structures in Urban Drainage Systems*, G. Rasulo and G. Del Giudice (eds), CSDU, Milano, pp. 59-88 (ISBN: 978 88 903223 2 7).
- 46 IB.5 Campisano A., **Creaco E.**, Modica C. (2009). Dimensionless numerical study of the convenient flushing frequency in sewer channels. In: *Standard Design of Hydraulic Structures in Urban Drainage Systems*, G. Rasulo and G. Del Giudice (eds), CSDU, Milano, pp. 89-100 (ISBN: 978 88 903223 2 7).

International Conferences:

- 47 IC.1 Campisano A., **Creaco E.**, Modica C. (2002). Controller calibration for moveable weirs in sewer systems. In: *Proceedings of the 16th European Junior Scientist Workshop on "Real Time Control and Measurement in Urban Drainage Systems"*, Valle dei Margi, Catania, Italy, 7-10 november 2002, pp. 83-96, Grafica Express Printing Works.
- 48 IC.2 Campisano A., **Creaco E.**, Modica C. (2004). Comparison between the performances of two combined sewer overflow devices in the reduction of water volume and pollutant discharges. In: *Proceedings of the 18th European Junior Scientist Workshop on "Sewer Processes and Networks"*, Almogrove, Portugal, 8-11 november 2003.
- 49 IC.3 Campisano A., **Creaco E.**, Modica C. (2004). Improving combined sewer overflow and treatment plant performances by Real Time Control operations. In: *Proceedings of the NATO ARW on "Enhancing Urban Environment by Environmental Upgrading and Restoration"*, Rome, Italy, 5-8 november 2003, Marsalek J. et al. (eds), pp. 105-120.
- 50 IC.4 Campisano A., **Creaco E.**, Modica C., Ragusa F. (2004). Laboratory experiments on bed deposit scouring during flushing operations. In: *Proceedings of the 4th International Conference on Sewer Processes and Networks*, Madeira, Portugal, 22-24 november 2004, pp. 165-172.
- 51 IC.5 Bertrand-Krajewski J.-L., Campisano A., **Creaco E.**, Modica C. (2004). Experimental study and modelling of the hydraulic behaviour of a Hydrass flushing gate. In: *Proceedings of the 5th International Conference on Sustainable Techniques and Strategies in Urban Water Management*, Novatech 2004, Lyon, France, 6-10 june 2004, vol. 1, pp. 557-564 (ISBN: 2 9509337 5 0).
- 52 IC.6 Campisano A., **Creaco E.**, Modica C. (2005). A dimensionless approach for

- determining the scouring performances of flushing waves in sewer channels. In: *Proceedings of the 10th International Conference on Urban Drainage*, Copenhagen, Denmark, 21-26 august 2005 (complete version in CDROM).
- 53 IC.7 Campisano A., **Creaco E.**, Modica C. (2005). Experimental analysis of the Hydrass flushing gate and laboratory validation of flush propagation modelling. In: *Proceedings of 10th International Conference on Urban Drainage, 10 ICUD*, Copenhagen, Denmark, 21-26 august 2005 (complete version in CDROM).
- 54 IC.8 Campisano A., **Creaco E.**, Modica C., Reitano S. (2006). Numerical simulation of aggradation processes by models for uniform sediments and sediment mixtures. In: *Proceedings of the 8th Congress of SIMAI*, Baia Samuele, Italy, 22-26 may 2006, p. 170 (complete version in CDROM).
- 55 IC.9 Campisano A., **Creaco E.**, Modica C., Reitano S. (2006). Flushing experiments with cohesive sediments. In: *Proceedings of the 2nd International IWA Conference on Sewer Operation and Maintenance*, Vienna, Austria, 26-27 october 2006, pp. 27-34.
- 56 IC.10 **Creaco E.**, Bertrand-Krajewski J.-L. (2006). Modelling the flushing of deposits in a combined sewer channel. In: *Proceedings of the 6h International Conference on Sustainable Techniques and Strategies in Urban Water Management, NOVATECH 2007*, Lyon, France, 25-28 June 2007, pp.1293-1300 (ISBN: 2 9509337 9 3).
- 57 IC.11 Campisano A., **Creaco E.**, Modica C., Reitano S. (2007). Comparison between the performances of two baffle profiles in capturing sewer floatables. In: *Proceedings of 32nd International Association of Hydraulic Engineering and Research Congress IAHR 2007*, Venice, Italy, 1–6 July, p.207 (complete version in CDROM) (ISBN: 88 89405 06 6).
- 58 IC.12 Campisano A., **Creaco E.**, Modica C., Reitano S. (2008). Temporal evolution of the filling process of closed check dams. Laboratory experiments and numerical modeling. *Proceedings of River Flow 2008*, Cesme, Turkey, 3–5 September, vol. 2, pp. 1389-1398 (ISBN: 978 605 60136 2 1).
- 59 IC.13 Campisano A., Comito M., **Creaco E.**, Modica C., Reitano S. (2008). Laboratory investigation on the performances of submerged under flowbaffles for the capture of sewer floatables. In: *Proceedings of 11th International Conference on Urban Drainage, 11 ICUD*, Edimburgh, 31 August–5 September, p. 21 (complete version in CDROM).
- 60 IC.14 Campisano A., **Creaco E.**, Modica C. (2009). P controller calibration for the real time control of moveable weirs in sewer channels. In: *Proceedings of ICA2009 10th IWA Conference on Instrumentation, Control and Automation*, Cairns, Australia, 14-17 June.
- 61 IC.15 Campisano A., **Creaco E.**, Modica C. (2010). A simplified approach for the design of infiltration trenches. In: *Proceedings of NOVATECH 2010*, Lyon, France, 27 June – 01 July 2010 (complete version in CDROM) (ISBN: 978 2 917199 01 5).

- 62 IC.16 **Creaco E.**, Campisano A., Khe A., Modica C., Russo G. (2010). Head reconstruction method to balance flux and source terms in shallow water equations. In: *Proceedings of SIMAI 2010*.
- 63 IC.17 Alvisi S., **Creaco E.**, Franchini M. (2011). Detecting topological changes in water distribution systems featuring one-way devices. In: *Proceedings of CCWI 2011*, 847-852 (ISBN: 0 9539140 8 9).
- 64 IC.18 **Creaco E.**, Alvisi S., Franchini M. (2011). Comparison of procedures for assessing water demand shortfalls caused by segment isolation. In: *Proceedings of CCWI 2011*, 363-368 (ISBN 0 9539140 6 2).
- 65 IC.19 **Creaco E.**, Alvisi S., Franchini M. (2011). A Fast New Method for Segment Identification in Water Distribution Systems. In: *ASCE Conference Proceedings*, doi:10.1061/41203(425)22 (ISBN: 978 0 7844 1203 9).
- 66 IC.20 **Creaco E.**, Franchini M. (2012). A new algorithm for the real time pressure control in water distribution networks. In: *Proceedings of Water Loss Europe 2012 Conference*.
- 67 IC.21 **Creaco E.**, Franchini M. (2012). A new methodology for the design of reliable water distribution networks. In: *Proceedings of 10th International Conference on Hydroinformatics HIC 2012*.
- 68 IC.22 **Creaco E.**, Franchini M. (2014). Low level hybrid procedure for the multi-objective design of water distribution networks. *Procedia Engineering*, 70, 369–378.
- 69 IC.23 **Creaco E.**, Fortunato A., Franchini M., Mazzola R. (2014). Comparison between entropy and resilience as indirect measures of reliability in the framework of water distribution network design. *Procedia Engineering*, 70, 379–388.
- 70 IC.24 **Creaco E.**, Franchini M., Walski T.M. (2014). Network Design through the Phasing of Construction Approach. *Procedia Engineering*, 89, 823-830.
- 71 IC.25 **Creaco E.**, Lanfranchi E., Chiesa C., Carrettini C.A., Franchini M. (2014). Leakage and energy optimization in the Abbiategrasso district. In: *Proceedings of Water Ideas 2014*.
- 72 IC.26 **Creaco E.**, Alvisi S., Franchini M. (2014). A Multi-step Approach for Optimal Design and Management of the C-Town Pipe Network Model. *Procedia Engineering*, 89, doi: 10.1016/j.proeng.2014.11.157.
- 73 IC.27 **Creaco E.**, Fortunato A., Franchini M., Mazzola R. (2014). Water distribution networks robust design based on energy surplus index maximization. In: *Proceedings of IWA World Water Congress 2014*.
- 74 IC.28 Walker D., **Creaco E.**, Vamvakeridou-Lyroudia L., Farmani R., Kapelan Z., Savic D. (2015). Forecasting Domestic Water Consumption from Smart Meter Readings using Statistical Methods and Artificial Neural Networks. *Proceedings of CCWI 2015*.
- 75 IC.29 **Creaco E.**, Farmani R., Vamvakeridou-Lyroudia L., Buchberger S., Kapelan Z.,

Savic D. (2015). Correlation or not correlation? This is the question in modelling residential water demand pulses. Proceedings of CCWI 2015.

- 76 IC.30 **Creaco E.**, Alvisi S., Farmani R., Vamvakeridou-Lyroudia L., Franchini M., Kapelan Z., Savic D. (2015). Preserving duration-intensity correlation on synthetically generated water demand pulses. Proceedings of CCWI 2015.
- 77 IC.31 **Creaco E.**, Franchini M. (2015). The identification of loops in water distribution networks. Proceedings of CCWI 2015.
- 78 IC.32 **Creaco E.**, Farmani R., Kapelan Z., Vamvakeridou-Lyroudia L., Savic D. (2015). A model for generating residential water demand pulses with correlated duration and intensity. Proceedings of IAHR 2015.

National Conferences:

- 79 NC.1 Campisano A., **Creaco E.**, Modica C. (2004). Le paratoie mobili Hydrass per le cacciate nei canali fognari. Esperienze di laboratorio e confronti numerici. In: *Atti del XXIX Convegno di Idraulica e Costruzioni Idrauliche*, 7-10 settembre 2004, Trento, Italia, vol.3, pp. 45-51 (ISBN: 88 7740 382 9).
- 80 NC.2 Campisano A., **Creaco E.**, Modica C. (2005). Confronto tra due dispositivi di sfioro per la riduzione dei volumi idrici e dei carichi inquinanti sversati da fognature unitarie in tempo di pioggia. In: *“La tutela idraulica ed ambientale dei territori urbanizzati”*. Atti dei seminari di Parma (5-6 febbraio 2004) e Cosenza (13-15 dicembre 2004), CSDU (ed.), pp. 143-156 (ISBN: 88 900282 3 8).
- 81 NC.3 Campisano A., **Creaco E.**, Modica C. (2005). L'adozione di tecniche di RTC per la riduzione dei volumi idrici e dei carichi inquinanti sversati dagli scaricatori di piena. In: *“La tutela idraulica ed ambientale dei territori urbanizzati”*. Atti dei seminari di Parma (5-6 febbraio 2004) e Cosenza (13-15 dicembre 2004), CSDU (ed.), pp. 157-173 (ISBN: 88 900282 3 8).
- 82 NC.4 Campisano A., **Creaco E.**, Modica C., Reitano S. (2006). Simulazione numerica dei processi di aggradation mediante modelli monogranulari e plurigranulari. In: *Atti del XXX Convegno di Idraulica e Costruzioni Idrauliche IDRA 2006*, Roma, 10-15 settembre 2006, p. 292 (versione completa in CDROM) (ISBN: 88 87242 81 X).
- 83 NC.5 Campisano A., **Creaco E.**, Modica C., Reitano S. (2006). Primi risultati di un'indagine sperimentale sugli effetti di cacciate su sedimenti coesivi. In: *Atti del XXX Convegno di Idraulica e Costruzioni Idrauliche IDRA 2006*, 10-15 settembre 2006, p. 22 (versione completa in CDROM) (ISBN: 88 87242 81 X).
- 84 NC.6 Campisano A., **Creaco E.**, Modica C. (2007). L'adozione di tecniche di RTC per la riduzione delle perdite idriche nelle reti di acquedotto. In: *Atti di Acqua e Città – II Convegno Nazionale di Idraulica Urbana*, Chia (CA), 25-28 settembre 2007 (ISBN: 978 88 900282 7 4).
- 85 NC.7 Modica C., **Creaco E.** (2008). Gestione sostenibile dei deflussi urbani. *Tecniche per la difesa dall'inquinamento*, Atti del 28° Corso di aggiornamento in tecniche per la difesa dall'inquinamento, Guardia Piemontese Terme (Cs), 20-23 giugno

2007, Editoriale Bios (ISBN: 886093043X).

- 86 NC.8 Campisano A., **Creaco E.**, Modica C., Reitano S. (2008). Evoluzione temporale del processo di riempimento di briglie chiuse. Indagine sperimentale e numerica. In: *Atti del XXXI Convegno di Idraulica e Costruzioni Idrauliche IDRA 2008*, Perugia, 9-12 settembre, p. 265 (versione completa su CD-ROM), Morlacchi Editore, Perugia (ISBN: 978 88 6074 220 9).
- 87 NC.9 Campisano A., **Creaco E.**, Modica C. (2008). L'RTC delle valvole di regolazione per la riduzione delle perdite nelle reti di distribuzione idrica. Indagine sperimentale e numerica. In: *Atti del XXXI Convegno di Idraulica e Costruzioni Idrauliche IDRA 2008*, Perugia, 9-12 settembre, p. 146 (versione completa su CD-ROM), Morlacchi Editore, Perugia (ISBN: 978 88 6074 220 9).
- 88 NC.10 **Creaco E.**, Franchini M., Alvisi S. (2009). La modellazione delle reti con distribuzione generica della domanda lungo i tronchi. In: *Atti del Quarto Seminario "La ricerca delle perdite e la gestione delle reti di acquedotto"*, 17-18 settembre 2009, Aversa.
- 89 NC.11 **Creaco E.**, Franchini M., Alvisi S. (2010). Analisi del sistema di valvole di intercettazione di una rete acquedottistica complessa. In: *Atti del Convegno "Ecomondo 2010"*, novembre 2010, Rimini (ISBN: 978 88 568 3937 1).
- 90 NC.12 **Creaco E.**, Franchini M., Alvisi S. (2011). La dislocazione delle valvole di chiusura in una rete idrica complessa. In: *Atti del Convegno "La gestione delle reti di distribuzione idrica: dagli aspetti tecnico-progettuali a quelli economico-normativi"*, maggio 2010, Ferrara, CSSI (ed.), pp. 148-161 (ISBN 978-88-387-5935-9).
- 91 NC.13 **Creaco E.**, Franchini M. (2011). Procedura per la valutazione dei costi unitari complessivi delle tubazioni. In: *Atti del Convegno "Ecomondo 2011"*, novembre 2011, Rimini (ISBN: 978 88 387 6986 9).
- 92 NC.14 **Creaco E.**, Franchini M. (2012). Nuova metodologia multiobiettivo per il progetto di reti di distribuzione idrica resilienti. In: *Atti del XXXIII Convegno nazionale di Idraulica e Costruzioni Idrauliche*, settembre 2012, Brescia (ISBN: 9788897181187).

PhD Thesis:

- 93 PhD **Creaco E.** (2005). *Devices for the removal of solids from sewer channels. Experimental investigations and numerical models*. Tesi di Dottorato, Catania.

Research report:

- 94 RR **Creaco E.** (2002). *Experimental researches and numerical models applied to the study of the flow inside sewer collectors - Modelling flushing gates and flush wave propagation*. Research report, Lyon (France).