

CURRICULUM VITAE



Personal data

Given Name / Family Name

Orazio Giustolisi

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Nationality

Italy

Birth Date

8 July 1968

WORKING EXPERIENCE

- Date
- Name and address of the employer
- Company sector
- Employment
- Main activities and responsibilities

2003 –

Politecnico di Bari, via Orabona n.4, 70125, Bari (Italy)

University

Full Professor

Research Activity

Implementation of National and International projects

Teaching in courses related to Management of Hydraulic Systems:

Gestione dei Sistemi Idraulici: dall' A.A. 2003-04 all' A.A. 2012-2013

Progettazione dei sistemi idraulici in pressione: dall'A.A. 2008-09 all' A.A. 2012-2013

Costruzioni Idrauliche: all' A.A. 2013-14 all' A.A. 2015-2016

Impianti Speciali Idraulici: A.A. 2016-17 all' A.A. 2017-2018

Irrigazione e Drenaggio: A.A. 2017-19

Gestione dei Sistemi Idraulici: A.A. 2017-2019

• Date

2001 – 2003

- Name and address of the employer

Politecnico di Bari, via Orabona n.4, 70125, Bari (Italy)

- Company sector

University

- Employment

Associate Professor

- Main activities and responsibilities

Research Activity

Implementation of National and International projects

Teaching in courses related to Management of Hydraulic Systems

• Date

1995 – 2000

- Name and address of the employer

Politecnico di Bari, via Orabona n.4, 70125, Bari (Italy)

- Company sector

University

- Employment

Researcher

- Main activities and responsibilities

Research Activity
Implementation of National and International projects

EDUCATION AND TRAINING

- Date
- Name of the Institution
- Sector
- Qualification
- Date
- Name of the Institution
- Sector
- Qualification

1982 – 1989
Università degli Studi di Bari

Civil Engineering
Degree in Civil Engineering

1992 – 1995
Università degli Studi di Napoli “Federico II”

Hydraulic Engineering Phylosophy Doctoral
Phylosophy Doctor in Hydraulic Engineering

PERSONAL SKILLS AND COMPETENCES

Acquired in life and career but not necessarily recognized by official certificates and diplomas

Technical-scientific research:

Hydroinformatics and Decision Support Systems
Water Distribution Systems analysis, planning and management

- *Network Simulation Models*
- *Leakage Management*
- *Hydraulic and Mechanic Reliability Analysis*
- *Optimal Rehabilitation Planning*
- *Pumping Optimization*
- *Remotely Real Time Controlled Pressure control devices*
- *Complex Network Theory and application to WDN*

Data-modelling and soft-computing for environmental systems

- *Artificial Neural Networks*
- *Support Vector Machines*
- *Evolutionary Polynomial Regression*

Research Transfer

Cofounder in July 2013 and past President of the spinoff company Innovation Decision Environment Awareness Research Transfer srl aiming at a just in time transfer of the most recent enhancements of the technical-scientific research in the field of Hydroinformatics, data-modelling and water distribution system analysis, planning and management. The key idea is to transfer tools to students, technicians and researchers by means professional MS-Office Excel functions.

Water distribution network analysis, planning and management

- *WNetXL: a smart tool for integrated water distribution network (WDN) analysis, planning and management. It is a suite of MS-Office Excel functions, which entail several typical and innovative function as decision support tools for WDNs management. It is the European alternative to EPANET package.*
- *WQNetXL: a smart tool for water quality in WDN. It is a suite of MS-Office Excel functions, which entail several typical and innovative water quality functions, which are based on the enhanced hydraulics of WNetXL. It is the European alternative to EPANET package for water quality.*

Hydroinformatics and Data analysis-modelling

- *ANN MOGA-XL: a multi-objective strategy to design Artificial Neural Networks (ANNs). It is a suite of MS-Office Excel functions allowing designing and training any data-modelling purpose.*
- *EPR MOGA-XL: a genetic programming strategy to model data in order to get symbolic formulation of models. It is a suite of MS-Office Excel functions allowing performing symbolic data-driven modelling. It is especially useful for data from environmental phenomena and worldwide used in many fields of civil engineering.*

NATIVE LANGUAGE

Italian

OTHER LANGUAGES

English

RELEVANT RECENT COMPETITIVE RESEARCH AND TECHNOLOGY TRANSFER PROJECTS

2018 – 2020 “SUSTAINABLE WATER supply networks in Mediterranean touristic areas - SUNWATER”, Interreg V-A Greece Italy Programme 2014-2020.

Role: Scientific Coordinator of the project, responsible of research unit.

2015 – 2017 “Efficient, effective, economic water demand management in the growing Oslo city – E3WDM”, number 245652. Project Owner: City of Oslo Water and Sewerage Works, Regional Research Fund (Norway).

Role: Responsible Italian unit.

2014 – 2016 “Innovation in Water Infrastructure - New Generation - InnoWatING”, number: 234975. Project Owner: City of Oslo Water and Sewerage Works, Research Council of Norway.

Role: Responsible Italian unit.

2013 – 2016 “Tools and procedures for an advanced and sustainable management of water distribution systems” – Scientific Research Program of Relevant National Interest – PRIN2012 (Prot. 20127PKJ4X) – Ministero dell’Istruzione, dell’Università e della Ricerca - MIUR.

Role: Principal investigator.

2011 – 2013 “Innovative tools for water distribution network simulation and analysis” - Scientific Research Program of Relevant National Interest – PRIN2008 (Prot. 20084AX2MF_002) – Ministero dell’Istruzione, dell’Università e della Ricerca - MIUR

Role: Principal investigator.

Bibliometric Indicators and summary of the Scientific production

ORCID ID: orcid.org/0000-0002-5169-7798

GOOGLE SCHOLAR CITATIONS H-index = 32, Number of Citations = 3656

SCOPUS H-index = 27, Number of Citations = 2582

ISI WEB OF SCIENCE H-index = 26, Number of Citations = 2047

Journal name	Number of papers
<i>Journal of Hydroinformatics</i>	20
<i>Journal of Water Resources Planning and Management</i>	12
<i>Journal of Hydraulic Engineering</i>	8
<i>Water Resource Research</i>	7
<i>Environmental Modelling & Software</i>	4
<i>Urban Water Journal</i>	3
<i>Hydrological Sciences Journal</i>	2
<i>Hydrological Processes</i>	2
<i>Engineering Computations</i>	2
<i>Water Management Journal</i>	2
<i>Water Science and Technology</i>	1
<i>NeuroComputing</i>	1
<i>Civil Engineering and Environmental Systems</i>	1
<i>Computers and Geotechnics</i>	1
<i>International Journal of River Basin Management</i>	1
<i>Journal of Optimization</i>	1
<i>Catena</i>	1
<i>Total</i>	69
<i>International Proceedings</i>	124
<i>National Journal/Proceedings/Books and Other</i>	24

International Scientific Activity and Appointments

2015 - : Editor in Chief Journal of Hydroinformatics (<http://www.iwaponline.com/jh/default.htm>)

2009 - 2015: Editor del Journal of Hydroinformatics (<http://www.iwaponline.com/jh/default.htm>)

2008 - : Honorary Visiting Professor at University of Exeter, UK.

Member of:

- (2004 -) International Scientific Committee of the International Conferences on Hydroinformatics.
- (2005 -) International Scientific Committee of Computing and Control for the Water Industry Conferences.
- (2008 -) International Scientific Committee of Water Distribution System Analysis Conferences.
- (2010, 2012) International Scientific Committee of International Perspective on Water Resources & the Environment.
- (2014, 2015) International Program Committee of Genetic Programming at GECCO
- (2014) Scientific Advisory Committee of "River basins, reservoir sedimentation and water resources" (IAEG)
- (2008 -) Oversight Scientific Committee of Water System Analysis Conferences.

(2011 -) IWA-IAHR-IAHS Leadership Team for the Hydroinformatics section.

(2015 -) Chair IWA Leadership Team della Hydroinformatics section.

Invited speaker Plenary Session a Computer and Control in Water Industry (CCWI), 2007.

Invited speaker a World City Water Forum, 2009.

Invited speaker Plenary Session Efficient and Sustainable Water System Management (EWaS), 2016.

Invited speaker Plenary Session Water Distribution System Analysis (WDSA), 2016.

Invited speaker Plenary Session 8th Conference on Energy and Environment (CIEM), 2019.

Chair of the Technical Program della conferenza internazionale Control for the Water Industry (CCWI 2013)

Chair of the Technical Program della conferenza internazionale Water Distribution System Analysis (WDSA 2014)

Outstanding Reviewer Prize for IWA, 2006.

ID	Authors, Year, Title, Journal, Editor, Issue, Pages	DOI
1	Giustolisi, O. , Ridolfi, L., Simone, A. (2019). "Tailoring Centrality Metrics for Water Distribution Networks." <i>Water Resource Research</i> , USA, 55 (3), 2348-2369.	10.1029/2018WR023966
2	Giustolisi, O. (2019). "Water distribution network reliability assessment and isolation valve system." <i>Journal of Water Resource Planning and Management</i> , ASCE, USA, accepted for publication.	
3	Laucelli, D., R., Berardi, L., Simone, A., Giustolisi, O. (2019). "Towards serious gaming for water distribution networks sizing: A teaching experiment." <i>Journal of Hydroinformatics</i> , IWA-IAHR, UK, 21(2), 207-222.	10.2166/hydro.2018.038
4	Berardi, L., Simone, A., Ugarelli, R., Laucelli, D., Giustolisi, O. (2018). "Relevance of hydraulic modelling in planning and operating real-time pressure control: Case of Oppegård municipality." <i>Journal of Hydroinformatics</i> , IWA-IAHR, UK, 20 (3), 535–550.	10.2166/hydro.2017.052
5	Pellegrino, R., Costantino, N., Giustolisi, O. (2018). "Flexible investment planning for water distribution networks." <i>Journal of Hydroinformatics</i> , IWA-IAHR, UK, 20 (1), 34–48.	10.2166/hydro.2017.023
6	Giustolisi, O. , Simone, A., Ridolfi, L. (2017). "Network structure classification and features of water distribution systems." <i>Water Resource Research</i> , USA, 53 (4), 3407-3423.	10.1002/2016WR020071
7	Giustolisi, O. , Ugarelli, R., Berardi, L., Laucelli, D., Simone, A. (2017). "Strategies for the Electric Regulation of Pressure Control Valves." <i>Journal of Hydroinformatics</i> , IWA-IAHR, UK, 19 (5), 621–639.	10.2166/hydro.2017.101
8	Laucelli, D., Simone, A., Berardi, L., Giustolisi, O. (2017). "Optimal Design of DMAs for Leakages Reduction." <i>Journal of Water Resource Planning and Management</i> , ASCE, USA, 143 (6), 04017017.	10.1061/(ASCE)WR.1943-5452.0000768
9	Mazzolani, G., Berardi, L., Laucelli, D., Simone, A., Martino, R., Giustolisi, O. , (2017). "Estimating Leakages in Water Distribution Networks based only on inlet flow data." <i>Journal of Water Resource Planning and Management</i> , ASCE, USA, 143 (6), 04017014.	10.1061/(ASCE)WR.1943-5452.0000758
10	Marques, J., Cunha, M., Savić, D., Giustolisi, O. (2017). Water Network Design Using a Multiobjective Real Options Framework <i>Journal of Optimization</i> .	10.1155/2017/4373952
11	Simone, A., Giustolisi, O. , Laucelli, D. (2016). "A proposal of optimal sampling design using a modularity strategy." <i>Water Resource Research</i> , USA, 52 (8), 6171–6185.	0.1002/2016WR018944.
12	Giustolisi, O. , Berardi, L., Laucelli, D., Savić, D., Kapelan, Z. (2016). "Operational and Tactical Management of Water and Energy Resources in Pressurized Systems: Competition at WDSA 2014." <i>Journal of Water Resource Planning and Management</i> , ASCE, USA, 142(5), C4015002 1-12.	10.1061/(ASCE)WR.1943-5452.0000583
13	Laucelli, D., Romano, M., Savić, D., Giustolisi, O. (2016). "Detecting anomalies in water distribution networks using EPR modelling paradigm." <i>Journal of Hydroinformatics</i> , IWA-IAHR, UK, 18 (3), 409–427.	10.2166/hydro.2015.113
14	Creaco, E., Berardi, L., Sun, S., Giustolisi, O. , Savić, D. (2016). "Selection of relevant input variables in storm water quality modeling by multiobjective evolutionary polynomial regression paradigm." <i>Water Resource Research</i> , USA, 52 (4), 2403–2419.	10.1002/2015WR017971
15	Berardi, L., Giustolisi, O. , Ridolfi, L. (2015). "General metrics for segmenting infrastructure networks." <i>Journal of Hydroinformatics</i> , IWA-IAHR, UK, 17 (4), 505–517.	10.2166/hydro.2015.102
16	Laucelli, D., Giustolisi, O. (2015). "Vulnerability assessment of water distribution networks under seismic actions." <i>Journal of Water Resource Planning and Management</i> , ASCE, USA, 141 (6), 04014082-1-13.	1061/(ASCE)WR.1943-5452.0000478
17	Giustolisi, O. , Moosavian, N. (2014). "Testing linear solvers for global gradient algorithm." <i>Journal of Hydroinformatics</i> , IWA-IAHR, UK, 16 (5), 1178–1193. Online publication: 10/05/2014	10.2166/hydro.2014.136

18	Giustolisi, O. , Ridolfi, L. (2014). "A novel infrastructure modularity index for the segmentation of water distribution networks." <i>Water Resource Research</i> , USA, 50 (10), 7648–7661 .	10.1002/2014WR016067
19	Giustolisi, O. , Ridolfi, L. (2014). "A new modularity-based approach to segmentation of water distribution network." <i>Journal of Hydraulic Engineering</i> , ASCE, USA, 140 (10), 04014049 1–14	10.1061/(ASCE)HY.1943-7900.0000916
20	Laucelli, D., Rajani, B., Kleiner, Y., Giustolisi, O. (2014). "Study on the relationship between weather and pipe bursts using evolutionary-based modelling." <i>Journal of Hydroinformatics</i> , IWA-IAHR, UK, 16 (4), 743–757. Online publication: 17/12/2013.	10.2166/hydro.2013.082
21	Berardi, L., Ugarelli, R. , Røstum, J., Giustolisi, O. , (2014). "Assessing mechanical vulnerability in water distribution networks under multiple failures." <i>Water Resource Research</i> , USA, 50 (3), 2586–2599	10.1002/2013WR014770
22	Giustolisi, O. , Berardi, L., Laucelli, D. (2014). "Optimal water distribution network design accounting for valve shutdowns." <i>Journal of Water Resource Planning and Management</i> , ASCE, USA, 140(3), 327–338, Online publication: 31/10/2012.	10.1061/(ASCE)WR.1943-5452.0000327
23	Giustolisi, O. , Berardi, L., Laucelli, D. (2014). "Modeling local water storages delivering customer-demands in WDN models." <i>Journal of Hydraulic Engineering</i> , ASCE, USA, 140(1), 1–16, Online publication: 25/07/2013.	10.1061/(ASCE)HY.1943-7900.0000812
24	Berardi, L. Laucelli, D., Simeone, V., Giustolisi, O. , (2013). "Simulating floods in ephemeral streams in southern Italy by full-2d hydraulic models." <i>International Journal of River Basin Management</i> , Taylor & Francis, UK, 11(1), 1–17. Online publication: 12/11/2012.	10.1080/15715124.2012.746975
25	Giustolisi, O. , Laucelli, D., Berardi, L. (2013). "Operational optimization: water losses vs. energy costs." <i>Journal of Hydraulic Engineering</i> , ASCE, USA, 139(4), 410–423.	10.1061/(ASCE)HY.1943-7900.0000681
26	Dogliani, A., Simeone, V., Giustolisi, O. , (2012). "The activation of ephemeral streams in karst catchments of semi-arid regions." <i>Catena</i> , Elsevier Science, The Netherlands. 99, 54 – 65.	10.1016/j.catena.2012.07.008
27	Laucelli, D., Berardi, L., Giustolisi, O. , (2012). "Assessing climate change and asset deterioration impacts on water distribution networks: demand-driven or pressure-driven network modeling ?" <i>Environmental Modelling & Software</i> , Elsevier Science, The Netherlands, 27(11), 206 – 216.	10.1016/j.envsoft.2012.04.004
28	Giustolisi, O. , Berardi, L., Laucelli, D. (2012). "Accounting for directional devices in WDN modeling." <i>Journal of Hydraulic Engineering</i> , ASCE, USA, 138(10), 858 – 869.	10.1061/(ASCE)HY.1943-7900.0000585
29	Giustolisi, O. , Berardi, L., Laucelli, D., (2012). "Generalizing WDN simulation models to variable tank levels." <i>Journal of Hydroinformatics</i> , IWA-IAHR, UK, 14(3), 562 – 573.	10.2166/hydro.2011.224
30	Ostfeld, A., Giustolisi, O. , and Various authors (2012). "The Battle of the Water Calibration Networks (BWCN)." <i>Journal of Water Resource Planning and Management</i> , ASCE, 138(5), 523 – 532.	10.1061/(ASCE)WR.1943-5452.0000191
31	Giustolisi, O. , Walski, T.M. , (2012). "Demand Components in Water Distribution Network Analysis." <i>Journal of Water Resource Planning and Management</i> , ASCE, USA, 138(4), 356 – 367.	10.1061/(ASCE)WR.1943-5452.0000187
32	Giustolisi, O. , Laucelli, D., Berardi, L., Savic, D.A. (2012). "A Computationally efficient modeling method for large size water network analysis." <i>Journal of Hydraulic Engineering</i> , ASCE, USA, 138(4), 313 – 326.	10.1061/(ASCE)HY.1943-7900.0000517
33	Giustolisi, O. , Laucelli, D., (2011). "Water distribution networks pressure-driven analysis using EGGA." <i>Journal of Water Resources Planning and Management</i> , ASCE, USA, 137(6), 498 – 510.	10.1061/(ASCE)WR.1943-5452.0000140
34	Ahangar-Asr, A., Faramarzi, A., Javadi, A.A., Giustolisi, O. (2011). "Modelling Mechanical Behaviour of Rubber Concrete Using Evolutionary Polynomial Regression." <i>Engineering Computations</i> , Emerald, UK, 28(4), 492 – 507.	10.1108/02644401111131902
35	Laucelli, D., Giustolisi, O. (2011). "Scour depth modelling by a multi-objective evolutionary paradigm." <i>Environmental Modelling & Software</i> , Elsevier Science, Netherlands, 26(4), 498 – 509.	10.1016/j.envsoft.2010.10.013

36	Giustolisi, O. , Berardi, L., (2011), "Water Distribution Network calibration using Enhanced GGA and topological analysis." <i>Journal of Hydroinformatics</i> , IWA, UK, 13(4), 621 – 641.	10.2166/hydro.2010.088
37	Giustolisi, O. , Berardi, L., Walski, T.M. (2011), "Some explicit formulations of Colebrook-White friction factor considering accuracy vs. computational speed." <i>Journal of Hydroinformatics</i> , IWA, UK, 13(3), 401 – 418.	10.2166/hydro.2010.098
38	Giustolisi, O. , (2010). "Considering actual pipe connections in WDN analysis." <i>Journal of Hydraulic Engineering</i> , ASCE, USA, 136(11), 889 – 900.	10.1061/(ASCE)HY.1943-7900.0000266
39	Berardi, L., Giustolisi, O. , Todini, E. (2010). "Accounting for uniformly distributed pipe demand in WDN analysis: Enhanced GGA." <i>Urban Water Journal</i> , Taylor & Francis, UK, 7(4), 243 – 255.	10.1080/1573062X.2010.491550
40	El-Baroudy, I., Elshorbagy, A., Carey, S.K., Giustolisi, O. , Savic D.A., (2010). "Comparison of Three Data-Driven Techniques in Modelling the Evapotranspiration Process." <i>Journal of Hydroinformatics</i> , IWA, UK, 12(4), 365 – 379.	10.2166/hydro.2010.029
41	Markus, M., Hejazi, M., Bajcsy, P., Giustolisi, O. , Savic, D.A., (2010). "Prediction of Weekly Nitrate-N Fluctuations in a Small Agricultural Watershed in Illinois." <i>Journal of Hydroinformatics</i> , IWA, UK, 12(3), 251 – 261.	10.2166/hydro.2010.064
42	Dogliani, A., Mancarella, D., Simeone, V., Giustolisi, O. , (2010), "Inferring Groundwater Dynamics from Time Series Data." <i>Hydrological Science Journal IAHS</i> , UK, 55(4), 593 – 608.	10.1080/02626661003747556
43	Giustolisi, O. , Savic, D.A. (2010). "Identification of segments and optimal isolation valve system design in water distribution networks." <i>Urban Water Journal</i> , Taylor & Francis, UK, 7(1), 1 – 15.	10.1080/15730620903287530
44	Rezania, M., Javadi, A.A., Giustolisi, O. , (2010). "Evaluation of liquefaction potential based on CPT results using Evolutionary Polynomial Regression." <i>Computers and Geotechnics</i> , Elsevier Sc., 27(1-2), 82 – 92.	10.1016/j.compgeo.2009.07.006
45	Giustolisi, O. , Berardi, L., (2009). "Prioritizing Pipe Substitution Considering Multiple Objective." <i>Journal of Water Resources Planning and Management</i> , ASCE, USA, 135(6), 484 – 492.	10.1061/(ASCE)0733-9496(2009)135:6(484)
46	Dogliani, A., Primativo, F., Laucelli, D., Monno, V., Soon-Thiam W., Giustolisi, O. (2009). "An integrated modeling approach for the assessment of land use change effects on wastewater infrastructures." <i>Environmental Modelling & Software</i> , Elsevier Science, Netherlands, 24(6), 1522 – 1528.	10.1016/j.envsoft.2009.06.006
47	Berardi, L., Giustolisi, O. , Savic, D.A., Kapelan, Z., (2009). "An effective multi-objective approach to prioritisation of sewer pipe inspection." <i>Water Science and Technology</i> , IWA, UK, 60(4), 841 – 850.	10.2166/wst.2009.432
48	Giustolisi, O. , Savic, D.A., (2009), "Advances in Data-Driven Analyses and Modelling Using EPR-MOGA." Special Issue on <i>Advances in Hydroinformatics</i> , <i>Journal of Hydroinformatics</i> , IWA,UK, 11(3), 225 – 236.	10.2166/hydro.2009.017
49	Savic, D.A., Giustolisi, O. , Laucelli, D., (2009). "Asset deterioration analysis using multi-utility data and multi-objective data mining techniques." Special Issue on <i>Advances in Hydroinformatics</i> , <i>Journal of Hydroinformatics</i> , IWA, UK, 11(3), 212 – 224.	10.2166/hydro.2009.019
50	Giustolisi, O. , Laucelli, D., Colombo, A., (2009). "Deterministic vs. Stochastic Design of Water Distribution Networks." <i>Journal of Water Resources Planning and Management</i> , ASCE, USA, 135(2), 117 – 127.	10.1061/(ASCE)0733-9496(2009)135:2(117)
51	Giustolisi, O. , Todini, E. (2009). "Pipe hydraulic resistance correction in WDN analysis." Special Issue on <i>WDS Model Calibration</i> , <i>Urban Water Journal</i> , Taylor & Francis, UK, 6(1), 39 – 52.	10.1080/15730620802541623
52	Giustolisi, O. , Kapelan, Z., Savic, D.A., (2008). "Extended Period Simulation Analysis Considering Valve Shutdowns." <i>Journal of Water Resources Planning and Management</i> , ASCE, USA, 134(6), 527 – 537.	10.1061/(ASCE)0733-9496(2008)134:6(527)

53	Rezania, M., Javadi, A.A., Giustolisi, O. , (2008). "An Evolutionary-Based Data Mining Technique for Assessment of Civil Engineering Systems." <i>Engineering Computations: International Journal for Computer-Aided Engineering and Software</i> , Emerald, UK, 25(6), 500 – 517.	10.1108/02644400810891526
54	Giustolisi, O. , Savic, D.A., Kapelan, Z., (2008). "Pressure-Driven Demand and Leakage Simulation for Water Distribution Networks." <i>Journal of Hydraulic Engineering</i> , ASCE, USA, 134(5), 626 – 635.	10.1061/(ASCE)0733-9429(2008)134:5(626)
55	Giustolisi, O. , Kapelan, Z., Savic, D.A., (2008). "An Algorithm for Automatic Detection of Topological Changes in Water Distribution Networks." <i>Journal of Hydraulic Engineering</i> , ASCE, USA, 134(4), 435 – 446.	10.1061/(ASCE)0733-9429(2008)134:4(435)
56	Berardi, L., Kapelan, Z., Giustolisi, O. , Savic, D.A., (2008). "Development of pipe deterioration models for Water Distribution Systems using EPR." <i>Journal of Hydroinformatics</i> , IWA, UK, 10(2), 113 – 126.	10.2166/hydro.2008.012
57	Giustolisi, O. , Doglioni, A., Laucelli, D., (2008). "Determination of Friction Factor for Corrugated Drains." <i>Water Management Journal</i> , ICE, UK, 161(1), 31 – 42.	10.1680/wama.2008.161.1.31
58	Giustolisi, O. , Doglioni, A., Savic, D.A., di Pierro, F., (2008). "An Evolutionary Multi-Objective Strategy for the Effective Management of Groundwater Resources." <i>Water Resource Research</i> , USA, 44, W01403.	10.1029/2006WR005359
59	Doglioni, A., Giustolisi, O. , Savic, D.A., Webb, B.W., (2008). "An Evolutionary Approach to Stream Temperature Analysis." <i>Hydrological Processes</i> , John Wiley & Sons, UK, 22(3), 315 – 326.	10.1002/hyp.6607
60	Laucelli, D., Giustolisi, O. , Babovic, V., Kejzner, M., (2007). "Ensemble Modelling by Bootstrap Technique." <i>Journal of Hydroinformatics</i> , IWA, UK, 9(2), 95 – 106.	10.2166/hydro.2007.102
61	Giustolisi, O. , Doglioni, A., Savic, D.A., Webb, B., (2007). "A Multi-Model Approach to Analysis of Environmental Phenomena." <i>Environmental Modelling & Software</i> , Elsevier Science, Netherlands, 22(5), 674 – 682.	10.1016/j.envsoft.2005.12.026
62	Giustolisi, O. , Laucelli, D., Savic, D.A., (2006). "Development of Rehabilitation Plans for Water Mains Replacement Considering Risk and Cost-Benefit Assessment." <i>Journal of Civil Engineering and Environmental Systems</i> , Taylor & Francis, UK, 23(3), 175 – 190.	10.1080/10286600600789375
63	Giustolisi, O. , Simeone, V., (2006). "Multi-Objective Strategy in Artificial Neural Network Construction." <i>Hydrological Sciences Journal</i> , IAHS Press CEH Wallingford, UK, 51(3), 502 – 523.	10.1623/hysj.51.3.502
64	Savic, D.A., Giustolisi, O. , Berardi, L., Shepherd, W., Djordjevic, S., Saul, A. (2006), "Sewers Failure Analysis Using Evolutionary Computing." <i>Water Management Journal</i> , ICE, UK, 159(2), 111 – 118.	10.1680/wama.2006.159.2.111
65	Giustolisi, O. , (2006). "Using Multi-Objective Genetic Algorithm for SVM Construction." <i>Journal of Hydroinformatics</i> , IWA-IAHR Publishing, UK, 8(2), 125 – 139.	10.2166/hydro.2006.016
66	Giustolisi, O. , Savic, D.A., (2006). "A Symbolic Data-driven Technique Based on Evolutionary Polynomial Regression." <i>Journal of Hydroinformatics</i> , IWA, UK, 8(3), 207 – 222.	10.2166/hydro.2006.020
67	Giustolisi, O. , Laucelli, D., (2005), "Increasing Generalisation of Input-Output Artificial Neural Networks in Rainfall-Runoff Modelling." <i>Hydrological Sciences Journal</i> , IAHS Press CEH Wallingford, UK, 50(3), 439 – 457.	10.1623/hysj.50.3.439.65025
68	Giustolisi, O. , (2004). "Using Genetic Programming to Determine Chézy Resistance Coefficient in Corrugated Channels." <i>Journal of Hydroinformatics</i> , IWA, UK, 6(3), 157 – 173.	
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