



**International
Water Association**

[HOME](#)

[DONWLOAD PRESENTATIONS](#)

[GALLERY OF PHOTOS](#)

[VENUE AND DATE](#)

[DESTINATION](#)

[CONFERENCE](#)

[RELEVANT DATES](#)

[PROGRAMME](#)

[REGISTRATION](#)

[RELEVANT INFORMATION](#)

[TECHNICAL PAPERS](#)

[WORKSHOP](#)

[TECHCNICAL EXHIBITION](#)

[POUL HERREMOËS AWARD](#)

[FIELD VISITS](#)

[ACCOMMODATION](#)

[TIPS AND TRICKS](#)

[ORGANISATION AND](#)

[PROMOTION](#)

[SPONSORS](#)

[SUPPORT](#)

[COMMITTEE](#)

[INFORMATION](#)

12th International Conference on Urban Drainage

DATE: September 11 to 16, 2011 - VENUE: Porto Alegre/RS - Brazil

SPONSORS



TECHNICAL PAPERS

Dear Authors,

Below are the final list with the full paper APPROVED.

All the authors will be formal notified by e-mail.

PAP004777 - Removing Dissolved Phosphorus from Stormwater

PAP004778 - Measuring Performance and Scheduling Maintenance for Stormwater Treatment Practices

PAP004781 - to a Climate proof city

PAP004783 - Alternative Criteria for Urban Surface Perviousness

PAP004784 - Particle pathways during urban snowmelt

PAP004787 - Hydrologic/hydraulic modelling for the drainage system of west urban catchment of Santa Fe City, Argentina

PAP004788 - Comparison of the infiltration capacity of permeable surfaces for Rainwater Energy Valorization

PAP004795 - Sensitivity analysis of alternative soil loss prediction model for urban impoundments

PAP004800 - Modelling of critical CSO's loads and intervention actions to estimate recovery of impacted watershed

PAP004801 - Impacts of diffuse pollution on water resources

PAP004808 - Development of Decision Support Tools for Urban Storm Drainage

PAP004810 - PRELIMINARY ASSESSMENT OF THE INFLUENCE OF SALITRE BASIN RAINFALL ON THE PUMPING OPERATION OF SALITRE WASTEWATER TREATMENT PLANT (BOGOTA)

PAP004811 - Assessment of UV/VIS-spectrometry performance on combined sewer monitoring under



Logo and pictures by Debora Merten

wet weather conditions

PAP004816 - Settlement as a driver for sewer rehabilitation

PAP004817 - Removal of surface water from combined sewers applying the SWITCH Transitioning approach

PAP004826 - Intensity-Duration-Frequency Estimation using Generalized Pareto Distribution for Urban Area in a Tropical Region

PAP004843 - Stormwater Harvesting and Water Sensitive Urban Design Detention: A Compatibility Analysis

PAP004847 - A NEW TECHNIQUE TO MEASURE INFILTRATION RATE FOR ASSESSING INFILTRATION OF BMPs

PAP004880 - On the relationship between pollutant build-up on roads and antecedent dry days

PAP005079 - Inca Water Quality, Conveyance, and Erosion Control

PAP005081 - Southern California College Water Reuse Feasibility Study

PAP005082 - Applied Global Sensitivity Analysis in Sewer Flow and Water Quality Modelling

PAP005086 - Green buildings as a contribution to urban drainage

PAP005089 - Energy loss at three-way circular drop manhole under surcharge flow

PAP005090 - A GIS-Based Stormwater Disconnection Methodology to aid in the identification of (retrofit) SUDS potential of urban areas, using a case study catchment within London, UK

PAP005094 - Application of Level Spreader - Grass Filter Strips in South East Queensland, Australia for discharge reduction and passive irrigation

PAP005096 - Changing The Urban Water Paradigm From Research To Education

PAP005097 - A new framework to guide urban water transitioning

PAP005099 - Identifiability Analysis for Improving Calibration of a Conceptual Sewer Model and Determining Data Requirements

PAP005100 - Water Sensitive Cities - Science-Policy Partnership

PAP005101 - Undermining areas and hydraulic function of sewer systems

PAP005102 - Stormwater impact on urban water bodies: seasonal variations in sediment metal concentrations in a cold climate - preliminary results

PAP005104 - Options to Manage Wastewater Treatment in Cities with Poorly Designed Combined Systems in Place

PAP005109 - Climate change impacts on extreme rainfalls and design storms for flood risk assessment in urban areas. Application to Barcelona city

PAP005111 - The Importance of Tacit Knowledge for Urban Water Management

PAP005112 - Evaluation of Highway Stormwater Practices along Interstate-40 in North Carolina, USA

PAP005113 - Time distribution of heavy rainfalls in Florianópolis-SC, Brazil

PAP005115 - Procedure of urban infrastructure flood damage estimation - Case study of Itajubá, Brazil

PAP005116 - Conceptualising a spatial decision support system to evaluate the impacts of urban development on water bodies in New Zealand

PAP005117 - Economic assessment of climate adaptation options for urban drainage design in Odense, Denmark

PAP005118 - Stormwater drainage a convenient conduit for the discharge of urban effluent: case study of the Berg River, Paarl, South Africa

PAP005119 - The Management of Urban Surface Water Flood Risks Under Extreme Events

PAP005120 - Evaluation of Undersized Bioretention for Treatment of Highway Bridge Deck Runoff

PAP005122 - Selecting SUDS in the Valencia Region of Spain

PAP005123 - Structural devices devoted to the flood risk mitigation: a comparative analysis of the sizing methods

- PAP005126 - Numerical investigations of the cleaning efficiency of artificial created surge waves in sewer siphons
- PAP005127 - Modeling the corrosion of concrete sewers
- PAP005128 - Urban Wastewater System Management and Risk Assessment Under Catastrophic Antiviral Pandemic Conditions
- PAP005129 - The SWITCH Transitioning Manual
- PAP005131 - Experimental approach to determine flood hazard criteria in urban areas
- PAP005132 - Influence of urban expansion on the hydrology of small catchments: development of the suburban PUMMA model by coupling of urban and rural hydrological models.
- PAP005133 - Roof maintenance impacts on roof runoff quality in France
- PAP005134 - Locating illicit connections with DTS: classification of findings
- PAP005136 - The Impact of Green Roof Configuration on Hydrological Performance
- PAP005137 - Factors influencing the infiltration of pharmaceuticals through soils
- PAP005138 - The role of stormwater management in the Urban Water Cycle
- PAP005139 - Different methods of CSO identification in sewer systems and receiving waters
- PAP005140 - Modeling the development and consequences of clogging for stormwater infiltration trenches
- PAP005141 - Quantification and verification of QUEST method as a tool for assessing exfiltration from gravity sewers
- PAP005142 - Effects of on-site greywater reuse on municipal sewer systems
- PAP005143 - The effect of converting combined sewers to separate sewers
- PAP005144 - Flow Forecasting in Urban Drainage Systems using Deterministic Updating of Water Levels in Distributed Hydraulic Models
- PAP005145 - Sludge treatment paradigms: impact of priority substances and priority hazardous substances
- PAP005146 - Comparison of strategies used to map riverine flooding: the town of Fislis, in France, as a case study
- PAP005147 - Application of mathematical modeling for simulation of hourly rainfall
- PAP005148 - Hydrological modelling of suburban catchments
- PAP005149 - A Comprehensive Review of Level Spreader - Vegetative Filter Strip Research in North Carolina, USA
- PAP005150 - Integrated water quality modeling in coastal urban areas with tridimensional receiving water bodies
- PAP005151 - POLLUTANT DISTRIBUTION IN URBAN SURFACE
- PAP005152 - Integral restoration of river basin using sustainable technologies: The Moravia Hill
- PAP005160 - Treatment of formate based de-icing fluids in a substrate filter
- PAP005161 - A Case Study for Measures Against Urban Inundation by the Use of 2-Dimensional Runoff Simulation Model
- PAP005162 - GIS based applications of sensitivity analysis for sewer models
- PAP005163 - GLUE based uncertainty estimation of urban drainage modeling using weather radar precipitation estimates
- PAP005164 - A Study on a Method for Maintaining Stormwater Infiltration Inlets in Niigata City
- PAP005165 - Decision support for urban drainage using radar data of HydroNet-SCOUT
- PAP005166 - On the influence of high quality rain gauge data for radar-based rainfall estimation
- PAP005167 - Bayesian inference analysis of the uncertainty linked to the evaluation of potential flood damage in urban areas
- PAP005169 - Evaluation of alternative emission control strategies to urban water systems using substance flow analysis
- PAP005170 - Towards improved urban water governance in Adelaide, Australia

- PAP005172 - Definition of synthetic rainfall events for urban flooding estimation: the integration of multivariate statistics and cluster analysis
- PAP005173 - Use of Precipitation Data from the Regional Climate Model CLM for Hydrological Modelling in the dynaklim Project
- PAP005174 - Spatial rainfall intensity distribution over an urban area and its effect on a combined sewerage system
- PAP005177 - Hydraulic Design of a Labyrinth Weir in the Aclimação 's Park Lake.
- PAP005178 - Revision of Japan's inland flood hazard mapping method
- PAP005179 - Management of urban hydrology via citizen participation - a six-year study in the Shepherd Ck. (Ohio, USA)
- PAP005180 - Empirical Performance Assessment of a Large Rainwater Harvesting System
- PAP005181 - Land planning and urban waters in the city of Maceió, capital of the state of Alagoas, Brazil
- PAP005182 - From Water Networks to a 'Digital City' - a Shift of Paradigm in Assessment of Urban Water Systems
- PAP005183 - Accounting for climate change - contrasting two alternative approaches for managing uncertainty in flood risk
- PAP005184 - At the Brink: the Transition of Rainwater Harvesting Systems in the UK
- PAP005185 - Sustainable stormwater management progress in the Czech Republic
- PAP005186 - Flood protection and pesticide mitigation with retention basins: Assessing the compatibility of these two functions.
- PAP005188 - Retrofitting surface water management measures: delivering multiple value
- PAP005189 - Accredited Stormwater Management
- PAP005190 - Small-scale physical modeling of runoff and particles transport on a road configuration: comparison with larger scale hydrological models.
- PAP005191 - Enhancement of urban pluvial flood risk management and resilience through collaborative modelling: a UK case study
- PAP005192 - Characterization of Runoff from Various Urban Catchments at Different Spatial Scales in Beijing, China
- PAP005193 - ALIGNING FLOOD RISK MANAGEMENT AND WATER SENSITIVE URBAN DESIGN
- PAP005196 - Application of online water quality sensors for integrated CSO impact assessment in Berlin (Germany)
- PAP005197 - The Influence of Outlet Angle on Solute Transport in Surcharged Manholes
- PAP005198 - Valuing Amenity - Public perceptions of SuDS ponds in Scotland
- PAP005199 - Improved CFD Simulation Approaches for Manhole Dispersion Investigations
- PAP005201 - Coupled 1D-2D hydraulic simulation of urban drainage systems - model development and preliminary results
- PAP005202 - Using SWMM as a tool for hydrologic impact assessment in a small urban-rural basin within high resolution GIS
- PAP005203 - Trends simulation of water quality in a urban-rural basin using a process-based model
- PAP005204 - A Theoretical Framework for Sustainable Transition towards Climate Change Adaptation in Urban Areas
- PAP005207 - Impact of sewer condition on urban flooding: a sensitivity analysis based on Monte Carlo simulations on full hydrodynamic models
- PAP005209 - A computational fluid dynamics based methodology to discharge determination using ultrasonic (transit-time) measurements in sewer pipes
- PAP005210 - Receptivity to sustainable urban water management in the Pacific
- PAP005212 - Conception, Modeling and Detailing of a Detention Reservoir in a Square, Acting as a

- Multifunctional Landscape for the Flood Control in the Guerenguê River Basin, Rio de Janeiro - Brazil
- PAP005213 - Re-thinking institutional capacity-building: Lessons from Australia
- PAP005214 - Towards a socio-technical framework for mapping and diagnosing transformational dynamics in urban water systems
- PAP005215 - Errors in yield and overflow estimation in rainwater tank cluster modelling
- PAP005216 - Pressure and Energy Changes at Stormwater Pits with Part-Full Flows
- PAP005217 - Achieving multiple water management objectives with stormwater harvesting- Case study from local government in Australia
- PAP005218 - Urban Flood Control in Vila Fraternidade, Brazil: Analysis of a Polder Installation Supported by a Hydrodynamic Computer Model
- PAP005221 - Patterns of transition-oriented governance approaches in the Australian urban water sector.
- PAP005222 - Water crisis and institutional adaptive capacity: Lessons from the Australian experience.
- PAP005226 - A Case Study Analysis of the Critical Factors Influencing a Private Land Developer Adopting Water Sensitive Urban Design
- PAP005227 - Occurrence of endocrine disruptors in wastewater from combined sewers in Paris and Beirut: what about parabens?
- PAP005228 - Effect of Microbial Particle Association on Removal of Stormwater Faecal Microorganisms by Biofilters
- PAP005229 - Key design characteristics that influence the performance of stormwater biofilters
- PAP005230 - A Workbench for Societal Transitions in Water Sensitive Cities
- PAP005231 - HORIZONTAL SUBSURFACE SAND FILTER TO TREAT CARBON POLLUTED WATER - POTENTIAL OF SULPHATE REDUCING BACTERIA
- PAP005232 - Towards a sustainable rainwater harvesting in urban environments
- PAP005233 - Using Rapid, Non Intrusive Methods to Measure Hydraulic Roughness in Partially Filled Pipes
- PAP005236 - Performance of the enviss™ filtration media: Laboratory trial
- PAP005238 - A water sensitive city - Impacts on the urban water balance by the use of evaporation optimized pervious concrete pavements
- PAP005239 - Flow forecasting in drainage systems with extrapolated radar rainfall data and auto calibration on flow observations
- PAP005240 - Co-Governing Small-scale Distributed Water Systems: An Analytical Framework
- PAP005241 - Identification of areas with risk of sedimentation
- PAP005242 - 2DV numerical modeling of different flows occurring in gullies
- PAP005243 - Evaluation of Storage and Using Potential (SUP) at an urban municipality scale: methodology and application to an Agglomeration municipality of Paris
- PAP005244 - Urban pluvial flood modelling with real time rainfall information - UK case studies
- PAP005245 - Owning SUDS in Scotland - the public drainage authority's view
- PAP005246 - A simple economic model for the comparison of SUDS and Conventional drainage systems in South Africa
- PAP005248 - Passive sampling and modeling of PAHs and heavy metals in stormwater runoff
- PAP005249 - Mass balances of priority pollutants from different sources in urban wet weather discharges
- PAP005250 - A Bayesian Belief Network to identify the optimal watershed restoration strategy
- PAP005251 - Use of Spectral Analysis in Urban Drainage Modeling
- PAP005252 - INOGEV project - an original French approach in micropollutant characterization assessment in urban wet weather effluents and atmospheric deposits
- PAP005253 - Urban Drainage Model Handling Tool

- PAP005254 - Assessment of chemical and microbial hazards in a full-scale stormwater detention basin. Their characterization, toxicity and fate
- PAP005255 - Are UK professionals predisposed to retrofit more sustainable surface water management measures?
- PAP005256 - The Municipal Sanitation Plan for the City of Belo Horizonte
- PAP005257 - Pollution risks for water resources due urban sediments
- PAP005259 - Applying simple hydraulic approach for strategic planning of adaption to climate changes in large city areas
- PAP005260 - Innovative schemes for controlled removal of nutrients for urban wastewater agricultural reuse
- PAP005261 - Real time adjustment of slow changing flow components in distributed urban runoff models
- PAP005262 - Investigation of biological clogging in stormwater filters
- PAP005264 - Evaluating stormwater pollution control strategies by the application of an integrated model
- PAP005265 - The performance of block paving with and with out geotextile in the sub base
- PAP005266 - SWAT application to analyze the floods in Negrinho River basin - SC, Brazil.
- PAP005267 - Watershed management based on the elaboration of environmental scenarios
- PAP005268 - Experimental and numerical investigation of interactions between above and below ground drainage systems
- PAP005269 - Improving the operation and maintenance of CSO structures
- PAP005270 - Flood risk assessment through a 2D-1D coupled modeling approach including impact of climate change in Barcelona
- PAP005271 - A method taking uncertainties into account to evaluate the rate overflow in CSO using water-depth measurements
- PAP005272 - The development of a planning framework for flood risk and water management at city or county scale
- PAP005274 - Monitoring the performance of a storm water separating manifold with DTS
- PAP005276 - Flood areas characteristics in Rio Negrinho city, southern Brazil
- PAP005280 - Installation and application of a country-wide network of LAWR X-Band radars in EI Salvador
- PAP005281 - Accepting the Risks of Legacy SUDS in a Public Drainage Authority
- PAP005283 - Water quality monitoring and hydraulic evaluation of a household roof runoff harvesting system in France
- PAP005285 - Estimation of climate factors for future extreme rainfall: Comparing observations and RCM simulations
- PAP005286 - Sources and pathways for pharmaceuticals in the urban water environment
- PAP005287 - Decision strategies for handling the uncertainty of future extreme rainfall under influence of climate change
- PAP005289 - A 'Systems Thinking' assessment of the management of a constructed wetland: a case study in the City of Cape Town, South Africa
- PAP005290 - Lessons learned from a measurement campaign in an alpine catchment with highly distributed rainfall
- PAP005291 - Sustainable Systems Management - Opportunities and Challenges for the Implementation of the Urban Master Plan Regarding Stormwater Management from the City of Rio de Janeiro, Brazil.
- PAP005294 - Investigating the appropriate level of complexity for stormwater micropollutants modeling

- PAP005296 - Development of Novel Activated Carbon Filter Media for Pathogen Removal from Stormwater
- PAP005297 - Public infrastructure on private premises; coordination of cadastre, land management and infrastructure operation and construction
- PAP005298 - Identification of dry and rainy periods using telecommunication microwave links
- PAP005299 - Investigating Smoothed Particle Hydrodynamics in Sewer Hydraulics Modelling
- PAP005300 - Cape Town's problematic vacuum sewer: A reflection on the technical, social and institutional blockage that constrain municipal management
- PAP005301 - Quantifying the effect of buildings and surface roughness on 2D flood modelling.
- PAP005305 - Discharge measurement system of WWTP inflow based on image processing
- PAP005311 - Quality assurance for renovation of domestic drainage systems
- PAP005312 - Using telecommunication microwave links to identify faulty rain gauges in urban areas
- PAP005313 - Evaluation of sewer infiltration/inflow using COD mass flux method: case study Prague
- PAP005314 - Effect of climate change on stormwater characteristics and treatment efficiencies of stormwater retention ponds
- PAP005315 - Survey on methods for the data collection on pluvial flood risks
- PAP005317 - Data-driven urban drainage analysis: an alternative to hydrodynamic models?
- PAP005318 - Hydraulic performance of a scale model facility and optimization through the use of real time sensors
- PAP005319 - Comparing chemical analysis with literature studies to identify micropollutants in a catchment of Copenhagen (DK)
- PAP005320 - Assessment of Urban Stream Condition: Case Study
- PAP005321 - Floodplain delineation with Free and Open Source Software
- PAP005323 - Implementation of central control for multiple sewer systems
- PAP005324 - Road runoff characteristics on coastal zones - Exploratory Data Analysis and Modeling based on a pilot case study
- PAP005327 - Two-dimensional pollutant transport model for sewer overflow impact simulation
- PAP005328 - Integrated Urban Stormwater Management in Norway
- PAP005329 - Risk Perceptions of Water Practitioners towards Sustainable Urban Water Systems
- PAP005330 - Micropollutants in urban drainage systems: inappropriate sampling can flush data quality down the drain
- PAP005331 - RTC versus static solutions to reduce CSO's impact
- PAP005332 - Solute Transport across Surcharged Manholes under Time-Varying Flow Conditions
- PAP005333 - Estimation of the sedimentation efficiency of combined sewer overflow tanks
- PAP005334 - Montevideo: historical development of sewer and drainage systems
- PAP005335 - Towards an Approach to the Evolution of Urban Drainage Networks Using Agent-Based Models
- PAP005337 - Microbial quality of roof-harvested rainwater from residents in Ile de France, France
- PAP005338 - Montevideo: a succesfull strategic planning process
- PAP005339 - Urban Growth Modeling to Predict the Changes in the Urban Microclimate and Urban Water Cycle
- PAP005342 - Flooding in consolidated urban area
- PAP005343 - Regional Variations in Climate data related to Urban Drainage
- PAP005344 - Performance of rainwater harvesting systems in various Mediterranean locations
- PAP005346 - A coupled SSA-SVM technique for stochastic short-term rainfall forecasting
- PAP005347 - Integrated Urban Water Management in Porto Alegre - Brazil
- PAP005348 - Simulation of green roof hydrological behavior with a reservoir model
- PAP005349 - Toxicity assessment of road dust prepared under various elution conditions using a benthic ostracod

- PAP005351 - An enhanced blend of SVM and Cascade methods for short-term rainfall forecasting
- PAP005352 - Stormwater control of new urban developments - Planning and modeling the Penalva system
- PAP005353 - ADESBA - A new general global control system applied to the Hildesheim sewage system
- PAP005354 - Bioretention Outflow: Does it Mimic Non-Urban Watershed Shallow Interflow?
- PAP005355 - Urban flood forecast based on a network of raingauges
- PAP005358 - A methodology to assess dry weather flow pattern uncertainty for integrated urban drainage modelling
- PAP005359 - Indicator based strategy to adapt urban drainage systems in regard to the consequences caused by climate change
- PAP005360 - Rainwater Harvesting: Considerations and Challenges in a Humid Region
- PAP005361 - A serviceability model for supporting proactive maintenance in urban drainage systems
- PAP005362 - Urban drainage models for flood forecasting: 1D/1D, 1D/2D and hybrid models
- PAP005364 - The incorporation of urban water management into a new governance: Uruguay's convergent strategies for a new urban water management
- PAP005365 - A software-based sensor for combined sewer overflows
- PAP005370 - Sustainable Stormwater Management: use of multifunctional landscapes in urban drainage for flood control
- PAP005372 - Asset Management of Urban Drainage Systems under Climate Change Uncertainty
- PAP005373 - Modeling as a tool for territorial planning Application case: Miguelete River, Montevideo.
- PAP005374 - Polder and wetland integrated design at Dom Pedro II Park in São Paulo downtown, Brazil
- PAP005376 - Stormwater Control Measure (SCM) Discharge Design Standards to Limit Stream Erosion in Piedmont North Carolina
- PAP005378 - Dynamics of cities and water infrastructure in the DANCE4Water model
- PAP005379 - "Hydrosolidarity induced" in urban drainage
- PAP005381 - First storage unit for Montevideo's city public sewer system
- PAP005383 - Urban drainage Plan of the Municipality of São João da Boa Vista - São Paulo - Brazil
- PAP005384 - Performance analysis of flood control facilities in São Paulo Metropolitan Region during extreme rainfall events, based on hydrological simulation
- PAP005385 - Potential flood damage evaluation and flood risk maps development based on hydraulic-hydrological simulation
- PAP005387 - A Collaborative Urbanistic Redesign Proposal to the Informal Community of Vila Cascatinha in Rio de Janeiro, Brazil.
- PAP005388 - Upper Tietê Floodplain Conservation Plan
- PAP005389 - Spatial metrics modeling to analyse correlations between urban form and surface water drainage performance
- PAP005390 - Proposed Methodology for Urban Drainage and Flood Control Projects Evaluation
- PAP005391 - Expansion of Montevideo's sewerage system through planning: methodology and results.
- PAP005392 - Experiments on evolution of particle size in raw wastewater
- PAP005393 - Behavior of flooding source control systems for frequent rain events: effect on pollutant loads.
- PAP005394 - Revision of urban drainage design rules based on extrapolation of design rainfall statistics
- PAP005396 - Inflow and Infiltration (I/I) in a separate sewer system - measurements and analysis
- PAP005397 - Watershed Retrofit and Management Evaluation for Urban Stormwater Management
- PAP005398 - Characterising a city for integrated performance assessment of water infrastructure in

the DANCE4Water model

- PAP005399 - Performances and lifespan of the envist stormwater treatment technologies; results of a breakthrough analysis
- PAP005401 - Colloidal nanomaterials as metal carrier phases in road runoff, implications for conventional stormwater treatment
- PAP005402 - Characterizing the Performance of Different Travel Times Formulations to Estimate the Hydrologic Response Using a Stormwater Distributed Model
- PAP005403 - Evaluation of the combined effect of increasing storage and treatment capacity in the Alcântara catchment
- PAP005404 - Water quality based assessment of urban drainage impacts in Europe - where do we stand today?
- PAP005406 - Green Roof for Social Interest Habitation Regarding Flood Control and Plant Growth as Means of Generating Employment and Income
- PAP005407 - Sewer discharge uncertainty resulting from unmeasured small scale rainfall variability: a case study in a multifractal framework
- PAP005409 - Analyzing the Consistency of the Environment's Fragility by Contamination of Waters in Urban Drainage Systems
- PAP005410 - Unconventional Measures and Hydrodynamic Simulation with Mathematical Model in Sacarrão River Basin, Jacarepaguá, West Area of the City of Rio de Janeiro, Brazil
- PAP005411 - SIG-Drenagem BH - A Geographical Information System to Help the Management of Belo Horizonte's Drainage by the Local Administration
- PAP005412 - A dynamic population balance model for multiple stormwater basin processes
- PAP005414 - Urban Flood Evaluation in Maceió, Brazil: Definition of the Critical Flood Event Supported by a Mathematical Cell Model
- PAP005415 - Settling of Solids in Primary Clarifiers / Storm Water Tanks
- PAP005418 - Suspended Solids loads in urban runoff: Evaluation of estimation laws based on a case study.
- PAP005419 - Rainwater Harvesting for Sustainable Drainage and Non Potable Use in the Schools of Rio de Janeiro, Brazil
- PAP005420 - GUERENGUÊ RIVER FLOODS-A CASE STUDY OF AN URBAN BASIN LINKED TO A COASTAL LAGOON SYSTEM IN THE CITY OF RIO DE JANEIRO, BRAZIL
- PAP005421 - Influence of hydrophilic organic matter from CSOs on trace metal speciation and bioavailability in urbanized river
- PAP005423 - Treatment of pathogens in stormwater by antimicrobial-modified filter media
- PAP005426 - A COMPARISON BETWEEN HEC-RAS AND MODCEL: AN APPLICATION IN TAQUARAÇU RIVER BASIN - ESPÍRITO SANTO, BRAZIL.
- PAP005427 - Analysis of the SWMM Model Parameters for Runoff Evaluation in Periurban Basins from Southern Brazil
- PAP005428 - STRATEGIES OF MAINTENANCE IN STORM SEWERS IN BOGOTA (COLOMBIA) USING ESTIMATES OF OPERATIONAL AND FLOODING RELIABILITIES
- PAP005429 - Multifractal study of three storms with different dynamics over the Paris region
- PAP005430 - Multi-scale study of the rainfall dynamics over the Paris region
- PAP005432 - Urban Stream Condition Assessment
- PAP005433 - PROPOSAL AND ASSESMENT OF RAINWATER HAVERSTING SCENARIOS IN THE JAVERIANA UNIVERSITY CAMPUS, BOGOTA
- PAP005436 - Economic Analysis of the Application of Porous Pavements in Bogota Roads
- PAP005437 - 3D modeling of flow, solid transport and settling processes in a large stormwater detention basin
- PAP005439 - Elution behavior and chemical forms of heavy metals from road dust in surface runoff

- and combined sewer flow
- PAP005440 - Particle velocity and sediment transport at limit deposition in sewers
- PAP005441 - Retention tank modelling using settling velocity distribution
- PAP005445 - Mathematical Model to Simulate the Outflow from Permeable Pavements
- PAP005447 - Estimation of BOD in Combined Sewer Overflow during Short Time Heavy Rain
- PAP005448 - Procedures for integrating Water Sensitive Urban Design (WSUD) technologies into the site planning process: Criteria for streetscape scale applied in Melbourne Region - Australia
- PAP005449 - Monitoring and numerical simulation of pathogenic pollution after CSO event in coastal waters of Tokyo Bay
- PAP005451 - THE ROLE OF THE SQUARES IN THE URBAN DRAINAGE PASSO FUNDO - RS
- PAP005452 - Urban floods: assessing the effects of sea level rise and mitigation measures
- PAP005455 - Water balance of infiltration systems in relation to their operating environment
- PAP005463 - FRAMEWORK FOR STORMWATER QUALITY MANAGEMENT IN SINGAPORE
- PAP005464 - AN INTER-DISCIPLINARY RESEARCH PROGRAM FOR BUILDING WATER SENSITIVE CITIES
- PAP005465 - Aedes aegypti proliferation in stormwater retained in Best Management Practices
- PAP005466 - Drainage System, Rainwater Flooding and Underground Inundation in Urban Area
- PAP005467 - Hydraulic modeling of constructed reed-bed wetlands for CSO treatment
- PAP005469 - Hydrochory: the seedy world of urban drainage
- PAP005470 - Mandatory urban rainwater harvesting: learning from experience
- PAP005473 - Purification Processes in Biofilter Systems for CSO Treatment
- PAP005478 - Uncertainty in online predictions of urban drainage models
- PAP005479 - Use of multi-Outlet approach to simulate flow components on urban catchment
- PAP005481 - Regional evaluation of the performance of rooftop rain water harvesting systems for domestic use
- PAP005482 - Flooding analysis, using HEC-RAS modeling for Taquaraçu river, in the Ibiracú city, Espírito Santo, Brazil
- PAP005488 - Stormwater source control regulation: a hydrological comparison of alternative policies.
- PAP005489 - Hydrographs' attenuation in sewers. Effects on stormwater source control regulation.
- PAP005493 - Modeling of vegetated urban rivers
- PAP005494 - Analysis methods of particle concentration in urban runoff
- PAP005504 - Effect of discharge ratio on the downstream velocity field of open channel junction
- PAP005506 - Spatio-temporal evolution of Clogging of stormwater infiltration systems
- PAP005507 - Characterization & main factors affecting clogging evolution of the bottom of stormwater infiltration systems
- PAP005509 - Economic assessment and financing of adaptation measures
- PAP005515 - Performance Criteria for Multi-sourced Urban Water Systems**
- PAP005517 - A green roof experimental site in the Mediterranean climate: the storm water quality issue
- PAP005518 - The hydrological impact of non-structural flood protection measures in urban areas
- PAP005519 - Decoupling of road runoff water in a part of a catchment area to Harrestrup stream, can meet the objectives in the water plan, ensure adaption to climate change and create synergy between investments in the sewage system and in the recreational areas.
- PAP005520 - Living with Floods in Megacities
- PAP005522 - Experimental Studies of Green Roof Systems as part of Sustainable System in order to minimize the problems of urban flooding
- PAP005523 - Markov chain modeling of precipitation time series: Modeling waiting times between tipping bucket rain gauge tips
- PAP005524 - An integrated approach for urban water modelling, linking a watershed hydrological

- model and a cyanobacteria dynamics model in urban lakes
- PAP005526 - Integrated solutions for urban runoff pollution control in Brazilian metropolitan regions
- PAP005527 - Modeling Consequences of Climate Changes on the Copenhagen Urban Drainage System - Flood Vulnerability Mapping and Future Adaptive Measures
- PAP005528 - Development and Calibration of a Rainfall Simulator for Urban Hydrology Research
- PAP005530 - Adaptive potential of the stormwater management in urban areas faced by the climate change
- PAP005531 - Risk indicators as early warning systems for the infrastructure of waste water
- PAP005535 - Flood risk and vulnerability: an assessment based on urban network modeling
- PAP005536 - Local Area Weather Radar (LAWR) System to Validate Drainage Systems Capacity - Case Study from Egedal - Denmark
- PAP005541 - Full-Scale Real Time Control Demonstration Project in Copenhagen's Largest Urban Drainage Catchments
- PAP005542 - Evaluating the implementation of infiltration trenches in areas with consolidated urbanization: Case Study of Belo Horizonte
- PAP005543 - The communication of water managers in participatory processes and their effect on the support for implementation: A case study in The Netherlands
- PAP005544 - CASE-STUDIES OF INFLUENCE IN RAINFALL INTENSITY ON SAFETY CONDITIONS
- PAP005545 - ITOHG: CSO regulations in NW Spain
- PAP005546 - Urban runoff quality from the Cabaça stream basin
- PAP005548 - Water sustainability in municipal planning: study case of the São Carlos/SP master plan
- PAP005549 - A method for rating flood-prone areas
- PAP005550 - Impact of climate change and urban development scenarios on waste water overflows from the combined sewage in Nantes, France
- PAP005551 - River Revitalization in the Context of Urban Stormwater Management: the Case of Acari River Basin, Brazil
- PAP005552 - Comparison of methods for computation the average rainfall in watersheds
- PAP005553 - SWQM - A simple river water quality model for assessment of urban wastewater discharges
- PAP005554 - Increasing the efficiency of siphonic roofwater harvesting systems
- PAP005555 - Modelling and scenario building of urban water and wastewater systems - Addressing water shortage in Lima
- PAP005557 - Watershed Restoration Plan for Nitrogen and Selenium Impairments
- PAP005561 - Effect of collecting surface and pathway on the quality of rain water harvested
- PAP005562 - A performance index for rainwater harvesting projects
- PAP005564 - Determining flowrates through individual outlets in siphonic roof drainage systems
- PAP005565 - An investigation into long-term infiltration rates for permeable pavements on sloping sub-catchments
- PAP005566 - Using permeable pavements to promote street tree health, to minimize pavement damage and to reduce stormwater flows
- PAP005573 - ASSESSMENT OF WASTEWATER SYSTEM PERFORMANCE BY CALIBRATED HYDRODYNAMIC MODELS: TOURISTIC AREA OF WESTERSCHOUWEN
- PAP005574 - Adapting a rainfall-runoff model to simulate LID stormwater systems
- PAP005575 - HURRBIS : a bottom-up approach gathering local territories and researchers at a national scale
- PAP005577 - The use of Advanced Vortex Technologies for Stormwater and CSO, Treatment and Disinfection at Saco, ME WWTP
- PAP005588 - Influencing public behaviour to protect the environment- controlling phosphates at source

- PAP005589 - The composition and potential impact of the colmation zone on sewerage exfiltration.
- PAP005591 - Enhancement of Water Treatment Sustainability through Dynamic Visualisation & Modelling
- PAP005594 - Controlled Field Testing: A Cost Effective way of Assessing the Performance of Stormwater Control Systems
- PAP005601 - Dual Stormwater biofilters: Case study in Kfar Sava, Israel
- PAP005611 - Storm water storage management in urban and non-urban drainage based on runoff prediction
- PAP005612 - Stormwater runoff from an industrial log-yard in Sweden: Characterization, contaminants correlation and the first flush phenomenon
- PAP005613 - Pilot scale wetland treatment of stormwater runoff from a log yard: preliminary results
- PAP005620 - Assessment of the options for flood attenuation in Anhangabaú catchment (São Paulo, Brazil)
- PAP005641 - A REVIEW OF SEVEN YEARS OF JOINT INDUSTRY RESEARCH IN THE CAPWAT PROJECT
- PAP005644 - Rivers and riverbanks interventions in the city of São Paulo: the need for an integrated management
- PAP005649 - Critical Rainfall Events in Terms of Runoff Pollution Risk
- PAP005650 - Effects of management rules on pre-filling of stormwater detention facilities
- PAP006155 - Current Trend in Integrated Urban Stormwater Management Practice
- PAP006156 - Gross Pollutants Analysis in Urban Residential
- PAP006157 - Application of Water Sensitive Urban Design at Local Scale in Kuala Lumpur
- PAP006197 - An innovative method for selection of the efficient Best Management Practices (BMP)
- PAP006198 - Keys to Successful Large Scale Implementation of Vegetated Best Management Practices in the Urban Environment
- PAP006936 - Modelling Support to Drainage Master Plans for Yuen Long and North Districts, Hong Kong
-

ACQUA CONSULTORIA
Rua Dr Candido Espinheira, 560 cj 32
CEP: 05004 000 - São Paulo - SP



11 3868 0726



icud2011@acquacon.com.br



Siga-nos / Follow
us



[@acquacon](https://twitter.com/acquacon)