

Urban Runoff Modeling Posters

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| 1. | Pedro Avellaneda | University of New Hampshire | A Bayesian stormwater quality model and Its application to water quality modeling |
| 2. | Pedro Avellaneda | University of New Hampshire | Modeling pollutant removal of some stormwater treatment strategies |
| 3. | Theodore Cleveland et al. | University of Houston | Synthesis of unit hydrographs from a digital elevation model |
| 4. | Robert Dickinson | CDM | Enhanced equivalent conduits in SWMM5 for surface area and hydraulic calculations |
| 5. | Robert Dickinson | CDM | Detecting and preventing invalid hydraulic solutions in SWMM5 |
| 6. | Lee Guethle | CTE Engineers | Modeling the impact of Hurricane Katrina: A case study of Jefferson Parish, Louisiana |
| 7. | Noah Walker | Dudek | Using Hydra for compliance with California's waste discharge requirements |
| 8. | Dennis Lai, et. al. | US EPA | SUSTAIN - A BMP Process and Placement Tool for Urban Watersheds |
| 9. | Dennis Lai, et. al. | US EPA | SSOAP - A Toolbox for Sanitary Sewer Overflow Analysis and Planning |
| 10. | Steven Carter | Tetra Tech | A regional modeling approach to support TMDL development and implementation for Southern California watersheds |
| 11. | William Lucas | Integrated Land Management | Compound routing of bioretention systems using HydroCAD |
| 12. | Robert Pitt | University of Alabama | Water removal in bioretention devices by evapotranspiration processes and related issues affecting performance |
| 13. | Clifford Anderson | Central Connecticut State University | Methods of model calibration for an arid/semi-arid environment |
| 14. | Clifford Anderson | Central Connecticut State University | Simplified sediment analysis in a hydrologic model |
| 15. | C. Raposo <i>et al.</i> | SISAQUA, Oeiras, Portugal | Stormwater control plan of the Beirolas Sewage System, Lisbon - Portugal: Application of SWMM in the modeling in the analysis of the specific characteristics of this sewage system |
| 16. | Saurabh Raje and James P. Heaney | University of Florida | Modeling Airport: Quantity and quality loadings with hydrologic functional units in SWMM5 |
| 17. | James Guo | University of Colorado at Denver | Kinematic wave shape factor to convert natural watershed into cascading plane |
| 18. | Humberto Avila | University of Alabama | CFD modeling and full-scale verification of sediment scour potential from stormwater controls |