Chapter 25

Guide to the 485 papers of the Kentucky Symposia, 1975-1985

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A simple classification is presented of the 485 papers published over the eleven year series of symposia on urban hydrology, hydraulics and sediment transport, organised by and at the University of Kentucky in Lexington. The taxonomy is based on previous work by the writer in stormwater management modelling.

25.1 Introduction

The University of Kentucky in Lexington organised an eleven year annual series of symposia related to urban hydrology, hydraulics and sediment transport. A total of 485 papers were published, excluding a few for which abstracts alone were published.

The present author and his group have been using the papers regularly in their research, and it has become evident that some papers are of high quality and ought to be better known. Thus it was decided to publish an index for the papers, oriented towards readers interested in stormwater management modelling. From the set of proceedings, the tables of contents were reformulated in compressed format as presented in the tables at the end of this chapter. Using the same general taxonomy as a previous publication (James, 1992), an enhanced system is presented in Table 25.1. The "Kentucky papers" have been classified in Table...
25.2 against these topics.

The method allows an easy entry to the set of papers for students working in stormwater management modelling, and will no doubt prove extremely useful to engineers practising in these fields.

Copies of the original proceedings are available at $17.50 (1975, 1976, 1977) each or $33.50 (1978-85) each from: OES Publications, College of Engineering, University of Kentucky, Lexington, KY 40506-0046 (tel. 606/257-3361).

For further information about this paper, fax the present writer at (519) 767-2770 or (519) 836-0227.

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GROUP 7: BMP's and Pollution control
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7.3 Groundwater recharge
7.4 Porous pavement

GROUP 8: Continuous modelling

GROUP 9: The near future of stormwater management modelling

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K106 Sediment Incipient Motion. Farouk M. Abdel-Aal. pp 51-60.

K2 JULY, 1976

K219  Response to Reporter’s Comments. Chin Y. Kuo. pp 139-140.
K231  Santa Clara Valley Water District Urban Hydrology Use of the Corps of Engineers Flood
Continuous Simulation of Urban Runoff Quality Control Ponds


K229 Ralston Creek Flooding Induced by South Branch Urbanization. Thomas E. Croley, II and Jerald R. Barnard. pp. 257-270.


K3 JULY, 1977


K303 Management of Urban Runoff in a Multi-jurisdictional Watershed. John P. Hartigan, Jr. and Hugo A. Bonuccili. pp 27-42


K313 A Mathematical Model of Hydraulic Transient Phenomena in Storage and Drainage


K320 Anticipated Effect of Future Urban Development on Recharge into the Coastal Groundwater Aquifer of Israel. A. Ben Zvi. pp 171-180


K322 Recorded and Simulated Runoff from an Urban Catchment Area in Metropolitan Toronto. Erik Larsen. pp. 189-202.


K4 JULY, 1978

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K405 A Case Study of Percolation Storage. Gerry E. Higgs. pp 31-34.
K417 An Examination of Nonpoint Pollution Export from Various Land Use Types. D.M. Griffin, Jr., T.J. Grizzard, C.W. Randall and J.P. Hartigan. pp 119-128.
K422 Using SWMM as a Design Tool at Bucyrus, Ohio. Jay W. Shutt and Garry D. Cole. pp 159-166.
K426 Prediction and Analysis of Storm Water Pollution. Jy-Shing Wu and Robert C. Ahlert. pp 183-188.
K428 Trace Elements in Runoff from Rainfall and Snowmelt at Several Localities in the Denver, Colorado, Metropolitan Area. William M. Alley and Sherman R. Ellis.
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K434 A Unit Hydrograph Concept for Predicting Flood Hydrographs from Suburban Subdivisions. J. Obiukwu Duru. pp 245-252.

K5 JULY, 1979


An Examination of Nonpoint Pollution Export from Various Land Use Types. D.M. Griffin, Jr., T.J. Grizzard, C.W. Randall and J.P. Hartigan. pp 119-128.


Design of a Storm Water Quality and Quantity Monitoring System for an Urban Catchment - An Australian Case Study. A.R. Moodie, J.D. Scholes and D.G. Thompson. pp 135-142.


Prediction and Analysis of Storm Water Pollution. Jy-Shing Wu and Robert C. Ahlert. pp 183-188.


Trace Elements in Runoff from Rainfall and Snowmelt at Several Localities in the Denver, Colorado, Metropolitan Area. William M. Alley and Sherman R. Ellis.
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K543 Mini Course: Establishing the Link Between Planning and Implementation. Dennis N. Athayde and James P. Heaney. pp 359-362.


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K617 Non-Point Pollution Contros, Phoenix Arizona Case Study. Don Piersall, John Kincaid, and James D. Goff. pp 129-134.


K619 Comparison and Relationships of Stormwater Quality and Basin Characteristics: Madison,
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K628 Case Study - Ladera Storm Drainage, Diversion and Detention Facility, Albuquerque, New Mexico. J.Fred Burns. pp 221-224.


K630 Analyses for Urban Stormwater Control in Tide Level Communities in South-Western British Columbia. A. Berzins. pp 231-238.


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K720 Determination of Urban Storm Water Pollution Characteristics by Using a Microprocessor Controlled Data Collecting and Sampling System. Hans-Reinhard Verworn. pp 185-192.
K736 Storm Water Detention Facilities in the Halifax-Dartmouth Region. D.H. Waller and E.


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