Chapter 18

Software and Database to Access 1736 papers of (a) 28 European Specialty Conferences, and (b) the Six International Conferences, on Urban Storm Drainage, 1978-1994

William James, W. Robert C. James and Kristi Rowe

→ This is the fourth in a series of guides covering papers in the intermittent grey literature related to stormwater management modelling. Provided with this book, on a 3.5" diskette, is a very simple method to locate titles and authors of both (a) 625 papers published in certain European specialty conferences, and (b) 1111 papers presented in the six international conferences on urban storm drainage. Self-installing, the program is intuitive, and the database of papers is similar to the tables of papers in previous guides published by the writers.

18.1 Introduction

→ From the list of references readers will see that this is the fourth guide published by the authors to the intermittent, grey literature. For modelers working in stormwater management, the method allows an easy entry to a large set of rare papers, but only by title and author.

→ This chapter provides a database of titles, authors and source of the papers published in (a) 28 intermittent European specialty conferences and (b) every three years in a series of six International conferences. All papers are related to urban storm drainage.

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Tables 18.1 and 18.2 list the conferences. From the contents pages of the set of proceedings, the tables of contents were reformulated in compressed format, as presented in Tables E1 to E28 (European) and Tables I1 to I6 (International). They are printed here for the special benefit of North American readers, for whom many of these proceedings will be new.

The method is easy to use:

1. Read the diskette label for installation instructions.
2. Once installed, click on the Biblio95 icon (in Windows3.X Program Manager, or from the Start button in Windows95) to load the program.
3. Follow the menu system for locating papers of interest. The software uses a character string search using AND and OR Boolean operators, and parenthesis.

Unfortunately the database does not include the text of the papers or even the abstracts. Even worse, copies of the original papers may be difficult to obtain. Nevertheless, once the title and relevant authors are located, you can usefully search your local technical library using Science Citation Index and Engineering Index (or EI Compendium Plus) for example, to find current papers of interest.

Copies of some of the proceedings are available from the addresses listed in Table 18.5, at the very end of this chapter; the addresses of the others have not yet been located.

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

Acknowledgements

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References

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- James, W. 1994. Chap. 25, Guide to the 485 papers of Kentucky Symposia 1975-85. In: *Current Practices in Modelling the Management of Stormwater Impacts*. Lewis Publishers, Boca Raton, FL. pp. 389-411.
- James, W. 1995. "Guide to 309 Papers of some ASCE Specialty Conferences, 1970-1989." *Journal of Water Management Modeling* R183-26. doi: 10.14796/JWMM.R183-26.

Table18.1 List of six international conferences related to urban storm drainage*

Date Place	Identification	Title	Number of Papers	Number of Volumes
July 1993 Niagara Falls Ontario	16	Procs of 6th Int. Conf. on Urban Storm Drainage	336	2 volumes
July 1990 Tokyo Japan	I5	Proc. of 5th Int. Conf. on Urban Storm Drainage	266	3 volumes
Aug 1987 Lausanne Switzerland	I4	Proc. of 4th Int. Conf. on Urban Storm Drainage	186	2 volumes
June 1984 Goteborg Sweden	I3	Proc. of 3rd Int. Conf. on Urban Storm Drainage	150	4 volumes
June 1981 Urbana Illinois	I2	Proc. of 2nd Int. Conf. on Urban Storm Drainage	116	2 volmes
April 1978 Southampton United Kingdom	I1	Proc. of 1st Int. Conf. on Urban Storm Drainage	57	1 volume

* For sources of these proceedings see Table 18.5.

Table 18.2 List of 28 recent European conferences related to stormwater management.

Date Place	Identification	Title	No. of Papers
Dec 1994 St. Moritz Switzerland	E28	Closing the Gap Between Theory and Practice in Urban Rainfall Applications (Preprint edition)	27
June 1994 Goteborg Sweden	E27	Proceedings of Int. User-Group Meeting Computer Aided Analysis and Operation in Sewage Transport and Treatment Technology	32
June 1994 Cernice Castle-Bechyne Czech Republic	E26	Integrated Urban Storm Runoff 7th European Junior Scientist Workshop	25
March 1994 The Netherlands?	E25	Combined Sewer Overflow - a European Perspective	7
April 1993 Vienna Austria	E24	Application of Geographic Information Systems in Hydrology and Water Resources Management	65
Nov 1992 Lyon France	E23	Rediscover Water, A Priority	56
June 1992 Maratea Italy	E22	Urban Drainage - Experimental Catchments in Italy	19
April 1992 St-Victor Sur Loire St-Etienne France	E21	Assessment of modelling uncertainties and measurements error in hydrology - 4th European Junior Scientist Workshop	26
Sept 1991 Terschelling The Netherlands	E20	Applications of Operations Research to Real Time Control of Water Resources Systems - 3rd European Junior Scientist Workshop	21
Sept 1991 Brussels Belgium	E19	Origin, Occurrence and Behaviour of Sediments in Sewer Systems	25
June 1991 Dubrovnik Yugoslavia	E18	New Technologies in Urban Drainage	62
1991	E17	Highway Pollution	5
April 1990 Sweden?	E16	Task Group on Source Control and Management (SOCOMA) - 2nd European Junior Scientist Workshop	13

Table 18.2 cont'd 28 recent European conferences related to stormwater management.

Date Place	Identification	Title	No. of Papers
Jan 1990 Sheffield City?	E15	A Symposium on Infiltration and Storage of Stormwater in New Developments	15
Sept 1989 Wageningen The Netherlands	E14	Urban Storm Water Quality and Ecological Effects upon Receiving Waters	39
Sept 1989 Munich W. Germany	E13	Proc. of 3rd Int. Symposium -Highway Pollution	7
June 1989 Dubrovnik	E12	Computational Modelling and Experimental Methods in Hydraulics	7
1989?	E11	1st European Junior Scientist Workshop	22
July 1988	E10	Urban Storm Drainage - Proc. of US-Italy Bilateral Seminar	17
July 1988 Brighton United Kingdom	E9	Urban Discharges and Receiving Water Quality Impacts	17
April 1988 Duisburg Fed. Rep. of Germany	E8	Urban Water '88 (also republished as Hydrological Processes and Water Management in Urban Areas 1990)	108
Oct 1986 Wageningen The Netherlands	E7	Urban Storm Water Quality and Effects upon Receiving Waters	29
July 1986 London England	E6	Proc. of 2nd Int. Symposium -Highway Pollution	17
April 1986 Dubrovnik Yugoslavia	E5	Proc. of Int. Symposium on Comparison of Urban Drainage Models with Real Catchment Data	55
Aug 1985 Montpelier France	E4	Urban Runoff Pollution	29
April 1985 The Netherlands	E3	Water in Urban Areas	15
1984	E2	Rainfall as the Basis for Urban Runoff Design and Analysis	27
1984	E1	Proc. of 1st Int. Symposium -Highway pollution	11

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- E102 Design limits on pollution. Pratt, C.J. pp. 161-170.
- E103 Street sweeping as a water pollution control measure: lessons learned over the past ten years. Sartor, J.D. and Caboury, D.R. pp. 171-184.
- E104 Effectiveness of street sweeping in urban runoff pollution control. Bender, G.M. and Terstriep, M.L. pp. 185-192.
- E105 Variations in solids loadings to roadside gully pots. Ellis, J.B. and Harrop, D.O. pp. 203-212.
- E106 Sediment supply and transmissions via roadside gully pots. Pratt, C.J. and Adams, J.R.W. pp. 213-224.
- E107 Acute toxicity and chemical characteristics of moderately polluted runoff from highways. Gjessing, E., Lygren, E., Andersen, S., Berglind, L., Carlberg, C., Efraimsen, H., Kallqvist, T. and Martinsen, K. pp. 225-232.
- E108 Fate of heavy metals in storm water runoff from highway bridges. Yousef, Y.A., Wanielista, M.P., Hvitved-Jacobsen, T. and Harper, H.H. pp. 233-244.
- E109 Effect of highway runoff on lake water quality. Gjessemg, E., Lygren, E., Berglind, L., Gulbrandsen, T. and Skaane, R. pp. 245-258.
- E110 Fate of phosphorus and nitrogen in ponds receiving highway runoff. Hvitved-Jacobsen, T., Yousef, Y.A., Wanielista, M.P. and Pearce, D.B. pp. 259-270.
- E111 The influence of surface runoff on the macro-invertebrate fauna of an urban stream. Shutes, R.B.E. pp. 271-282.

E2. 1984: RAINFALL AS THE BASIS FOR URBAN RUNOFF DESIGN AND ANALYSIS

- E201 Review of rainfall data application for design and analysis. Arnell, V., Harremoes, P., Jensen, M., Johansen, B. and Niemczynowicz, J. pp. 1-46.
- E202 Characteristics of storms over urban areas in East Africa. Sumner, G.N. pp. 47-62.
- E203 A design storm for tropical location with limited data. Colyer, P.J. pp. 63-68.
- E204 Synthetic design storm and its relation to intensity duration frequency curves. Horvath, J. and Urcikan, P. pp. 69-84.
- E205 Statistical methods of storm analysis. Vukmirovic, V.D. and Despotovic, J.Z. pp. 85-92.
- E206 Some statistical properties of short-duration rainfall. Hershfield, D.M. pp. 93-100.
- E207 Rainfall as the basis for urban runoff - experience and practise in Yugoslavia. Bonacci, O. pp.101-108.
- E208 Depth-duration models of short time increment rainfall. Rao, A.R. and Chenchayya, B.T. pp. 109-130.
- E209 Rainfall events as paths of a stochastic process: Problems of design storm analysis. Brummer, J. pp. 131-138.
- E210 Univariate versus multivariate rainfall statistics - problems and potentials : A discussion. Schilling, W. pp. 139-146.
- E211 On stochastic characterization of temporal storm patterns. Nguyen, V-T-V. pp. 147-154.
- E212 Time patterns of rainfall for estimating design floods on a frequency basis. Cordery, I., Pilgrim, D.H. and Rowbottom, A. pp. 155-166.
- E213 Temporal distribution of design storm rainfall. Marsalek, J. pp. 167-176.
- E214 Effect of spatial rainfall distribution on sewer flows. Schilling, W. pp. 177-188.
- E215 Areal reduction factors on short time and space intervals. Desbordes, M., Raous, P. and Trevisol, Y. pp. 189-198.
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- E220 Can the rainfall input be modified so that frequencies of rainfall-input and runoff-output will be similar? Niemczynowicz, J. pp. 251- 254.

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- E222 Rainfall energy from drop size data. Ouimpo, R.G. and Brohi, A-B. pp. 271-284.
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- E227 Potential urban rainfall prediction measurement system. Vogel, J.L. pp. 349-362.

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- E301 Quantitative aspects of precipitation in the Netherlands. Buishand, T.A. and Schuurmans, C.J.E. pp. 5-24.
- E302 The chemical composition of rainwater in the Netherlands - Wet deposition of air pollutants. van de Eshof, A.J., Frantzen, A.J., Reijnders, H.F.R., Vrijhof, H. and Wegman, R.C.C. pp. 25-46.
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- E306 Combined sewer overflow pollution abatement. Hogendoorn-Roozemon, A.S. pp. 115-128.
- E307 The effect of storage settling tanks on pollution emission from combined sewer systems. ten Hove, D., de Ruiter, M.A. and Vat, D. pp. 129-142.
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- I6253 Comparative laboratory study of swirl, vortex, and helical separators. Konicek, Z. and Marsalek, J. pp. 1543-1548.
- I6254 A simplified method to evaluate control effects of combined sewer overflow. Kume, M., Saito, S. and Yoshimoto, K. pp. 1549-1554.
- I6255 Flood prediction model in combined sewerage system and a rational method for prediction of runoff. Kurashiki, M. and Kariya, K. pp. 1555-1560.
- I6256 Balance determination of combined sewer overflow (CSO) performance. Urcikan, P., Rusnak, D., Sokac, M., Stanko, S. and Sztruhar, D. pp. 1561-1566.
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- I6258 Impacts of solid waste deposits on ground water quality. Massing, H. pp. 1573-1578.
- I6259 Houses with wet feet: ground water nuisance and its abatement in the Netherlands. van de Ven, F.H.M. pp. 1579-1584.

- I6260 Ground water control in a swampy town. Jacobs, E. pp. 1585-1590.
- I6261 Investigations about quantitative and qualitative pollution load of subsoil, ground-and surface water by leaky sewers. Decker, J. and Risse, A. pp. 1591-1596.
- I6262 Assessment and treatment of ground water damage in Germany. Jedlitschka, J. pp. 1597-1603.
- I6263 A water quality impact assessment of an artificial recharge management scheme in Atlantis, South Africa. Wright, A. pp. 1604-1608.
- I6264 Risk analysis and real time operation of sewer systems, experience from the user's perspective. Delattre, J-M. pp. 1609-1614.
- I6265 Different application of real time control components and their effect on the combined sewer runoff. Weyand, M. pp. 1615-1620.
- I6266 Implementation of a real time control in Barcelona's urban drainage system. Quer, J.L., Malgrat, P. and Marti, J. pp. 1621- 1626.
- I6267 Feasibility planning of a real time control system in the city of Zurich, Switzerland. Huber, B., Antener, M., Schilling, W. and Grottker, M. pp. 1627-1632.
- I6268 Design of control algorithms for moveable weirs by means of hydrodynamic runoff simulation. Gatke, D. and Verworn, W. pp. 1633-1638.
- I6269 Urban drainage operation-control of pumped sewer systems during heavy storm events. van Leeuwen, E. and Breur, K-J. pp. 1639-1644.
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- I6271 Operational experience with vortex solids separators for combined sewer overflow (CSO) control. Pisano, W.C. and Brombach, H. pp. 1651-1656.
- I6272 Demonstration of advanced high rate treatment for CSO control in metropolitan Toronto. Zukovs, G. and Pisano W.C. pp. 1657-1662.
- I6273 A quality assessment of dynamic separation - the UK experience. Fagan, G.W. pp. 1663-1670.
- I6274 High rate treatment of combined sewer overflows in Columbus, Georgia. Boner, M.C., Ghosh, D.R., Hides, S.P. and Turner, B.G. pp. 1671-1676.
- I6275 Reduction of combined sewer overflow pollution by combination of swirl concentrator and detention basin. Himmel, A., and Geiger, W.F. pp. 1677-1682.
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- I6277 Interim stormwater quality control guidelines for new development - results to date. Bowen, G., Henry, D., and Novak, Z. pp. 1689-1694.
- I6278 Storm water discharges from industrial sectors in Ontario under the MISA (Municipal-Industrial Strategy for Abatement) program. Green, D. pp. 1695-1701.
- I6279 Combined Sewer overflow (CSO) guidelines and costs in Ontario. P'ng, J.C., Liang, W-Y. and Henry, D.J. pp. 1702-1708.
- I6280 The stormwater management business-an Australian perspective. Robinson, D.K. and Waldman, K.N. pp. 1709-1714.
- I6281 Integrated water pollution management - project in Poland. Niemczynowicz, J. pp. 1715-1720.
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- I6286 Rehabilitation concept for the Emscher-system. Londong, D. and Becker, M. pp. 1744-1749.
- I6287 Development of storm water disposal network in the Greater Bordeaux metropolitan region. Briat, P., Dorignac, J.C. and Bourgogne, P. pp. 1750-1755.
- I6288 Comprehensive plan for flood control on Osaka (outline). Miyazaki, T. pp. 1756-1761.
- I6289 Stormwater runoff analysis for a refinery plant site - case study. Wang, J.S., Slocum, D.J. and Ng, K. pp. 1762-1767.
- I6290 City of Calgary northwest region drainage study. Cheung, P., Atkinson, D., and McAuley, J. pp. 1768-1773.
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- I6292 Construction of cocoon shaped shield tunnels in densely populated lowland to drain storm water. Hamada, M., and Kashima, Y. pp. 1781-1786.
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- I6296 A device for determining the settling velocity grading of storm sewage. Tyack, J.N., Hedges, P.D. and Smisson, R.P.M. pp. 1805-1810.
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- I6300 Urban pollution management programme - products and implementation to date. Clifforde, I. and Tyson, J. pp. 1828-1833.
- I6301 Decision analysis for storm water run-off projects in an urban environment. Deutsch, J-C, Hubert, G. and Boyer, C. pp. 1834-1841.
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- I6303 CSO control and storm water management in Canada's Great Lakes Cleanup Fund. Weatherbe, D.G. and Sherbin, I.G. pp. 1848-1853.
- I6304 Restoration of receiving waters in Finland. Hooli, J., Jamsen, M. and Rajala, M. pp. 1854-1859.
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- I6306 New concept for CSO regulation enforcement. Figge, M. and Geiger, W. pp. 1866-1871.
- I6307 Strategic screening of pollution control alternatives for the city of Sarnia. Fraser, H.G., Stevens, K. and Troxler, S. pp. 1872-1877.
- I6308 A step towards a return period of 70 years in Tokyo. Higuchi, K., Maeda, M. and Shintani, Y. pp. 1878-1883.
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- I6310 Reze experimental urban catchments. Andrieu, H., Raimbault, G., and Thebault, J-Y. 1890-1895.
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- I6318 Model studies of storm water loading of a treatment plant. Hansen, O.B., Jacobsen, C., Harremoes, P. and Neilson, P.S. pp. 1938-1943.
- I6319 Stabilization of activated sludge processes during wet weather flow through microscreening. Kummer, K-D, and Geiger, W.F. pp. 1944-1949.
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- I6321 Overview of federal law and USEPA regulations for urban runoff. Roesner, L.A. pp. 1958-1963.
- I6322 Three-city stormwater permit application process in Denver USA. Urbonas, B. pp. 1964-1969.
- I6323 Developing municipal storm water quality management program. Reese, A.J. pp. 1970-1975.
- I6324 North central Texas municipalities address the NPDES stormwater regulations through regional coordination. Oswald, G.E., Plummer, A.H. and Brashear, R.W. pp. 1976-1981.
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- I6326 Rainfall induced infiltration into sewer systems. Joannis, C., Belhadj, N. and Raimbault, G. pp. 1988-1993.
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I6329 Tasks of operating a sewer system. Dohmann, M. and Haussmann, R. pp. 2006-2011.

I6330 Renovative evaluation method on existing drainage/sewer system for the optimum improvement plan. Sakurai, H. and Asada, K. pp. 2012-2017.

I6331 Re-construction planning of drainage systems considering flow detention effect of pipe network. Hirai, M., Zhang, S., and Asada, K. pp.2018-2023.

I6332 An automated approach to sanitary/combined catchment performance and precipitation impact analysis. Brown, G.C., Curtis, P.J., and Smith, D.I. pp. 2024-2029.

I6333 A case study on the performance assessment of a sanitary sewer system. Eerkes, E.W., and Smith, D.I. pp. 2030-2035.

I6334 The characteristics of run-off inflow in sanitary sewers in Japan. Nomura, Y., and Uchida, H. pp. 2036-2041.

I6335 Modelling of extraneous flows in sanitary sewers. Wisner, P., Sabourin, J.F., Comeau, A. and Alperin, L. pp. 2042-2047.

I6336 Economic fundamentals of urban runoff design models. Yilmaz, L. pp. 2048-2051

Table X.5 Addresses and sources of some Conference Proceedings.

CSOs-A European Perspective	The Smisson Foundation The Dutch Association For Water Management DHV Environment and Infrastructure Hydro Research and development
Junior Scientists	
Highway pollution (E1, E6, E13, E17) editors' addresses	R.S. Hamilton Centre for urban pollution research School of Applied Science Middlesex Polytechnic Queensway, Einfield, Middlesex EN3 4SF UK R.M. Harrison Institute of Aerosol Science Department of Chemistry University of Essex Wivenhoe Park Colchester CO4 3SQ UK
E3	TNO, Netherlands. ISBN 90-6743-075-7
E4	Springer Verlag. ISBN 0-387-16090-6
E5	Pergamon Press. ISBN 0-08-032558-0
E8	UNESCO. ISBN 90-800166-1-6
E10	Water Resources Publications. ISBN 0-918334-75-6
E12	Elsevier. ISBN 1-85166-374-6
E14	Water Science & Technology. Vol. 22 (10/11) ISSN 0273-1223
E18	Elsevier. ISBN 1-85166-650-8
E27	Chalmers University, Sweden. ISSN 0347-8165
11, 15	out of print.
12	Water Resources Publications. ISBN 0918334-48-9
13	Chalmers University, Sweden. ISBN 91-7032-128-0
14	Water Resources Publications. ISBN
16	Seapoint Publishing. ISBN 1-55056-253-3