

1. Record Nr.	UNINA9910783483203321
Autore	Wagener Thorsten
Titolo	Rainfall-runoff modelling in gauged and ungauged catchments [[electronic resource] /] / Thorsten Wagener, Howard S. Wheater, Hoshin V. Gupta
Pubbl/distr/stampa	London, : Imperial College Press, c2004
ISBN	1-281-86645-8 9786611866457 1-86094-539-2
Descrizione fisica	1 online resource (333 p.)
Altri autori (Persone)	WheaterHoward S GuptaHoshin V
Disciplina	551.48/8015118 627.125
Soggetti	Rain and rainfall - Measurement Runoff - Measurement Rain gauges
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 273-300) and index.
Nota di contenuto	Rainfall - Runoff Modelling in Gauged and Ungauged Catchments; Acknowledgements; Preface; Contents; Figures; Tables; 1. Introduction; 2. Rainfall-Runoff Modelling - A Review; 3. A Toolkit for Rainfall- Runoff Modelling; 4. Modelling Gauged Catchments - Local Procedures; 5. Modelling Ungauged Catchments - Regional Procedures; 6. Discussion, Conclusions and Recommendations for Future Research; Appendix A - Some Investigations into Regional Modelling; Appendix B - The Rainfall-Runoff Modelling Toolbox; Appendix C - The Monte Carlo Analysis Toolbox; Notation; Bibliography; Index; About the Authors
Sommario/riassunto	This important monograph is based on the results of a study on the identification of conceptual lumped rainfall-runoff models for gauged and ungauged catchments. The task of model identification remains difficult despite decades of research. A detailed problem analysis and an extensive review form the basis for the development of a Matlab® modelling toolkit consisting of two components: a Rainfall-Runoff

Modelling Toolbox (RRMT) and a Monte Carlo Analysis Toolbox (MCAT).
These are subsequently applied to study the tasks of model
identification and evaluation. A novel dynamic identifiability ap
