

1. Record Nr.	UNISA996214311303316
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Titolo	Calibration of Watershed Models
Pubbl/distr/stampa	[Place of publication not identified], : American Geophysical Union, 2002
ISBN	1-118-66567-8
Descrizione fisica	1 online resource (462 pages)
Disciplina	551.48
Soggetti	Watersheds - Mathematical models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Sommario/riassunto	During the past four decades, computer-based mathematical models of watershed hydrology have been widely used for a variety of applications including hydrologic forecasting, hydrologic design, and water resources management. These models are based on general mathematical descriptions of the watershed processes that transform natural forcing (e.g., rainfall over the landscape) into response (e.g., runoff in the rivers). The user of a watershed hydrology model must specify the model parameters before the model is able to properly simulate the watershed behavior.