

1. Record Nr.	UNINA990006512890403321
Autore	Alexander, Louis George
Titolo	Target 1 : an audio-visual english course for secondary schools / L.G. Alexander, J. Tadman
Pubbl/distr/stampa	London : Longman, 1972
Descrizione fisica	131 p. ; 22 cm
Altri autori (Persone)	Tadman, J.
Disciplina	428
Locazione	FSPBC
Collocazione	XV IB 87 XV IB 88 XV IB 89 XV IB 90 XV IB 91
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
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2. Record Nr.	UNINA9910711207803321
Autore	Ashby Neil
Titolo	Global position system receivers and relativity / / Neil. Ashby
Pubbl/distr/stampa	Gaithersburg, MD : , : U.S. Dept. of Commerce, National Institute of Standards and Technology, , 1999
Descrizione fisica	1 online resource
Collana	NIST technical note ; ; 1385
Altri autori (Persone)	AshbyNeil
Soggetti	Global Positioning System
Lingua di pubblicazione	Inglese
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3. Record Nr.	UNINA9911006532503321
Autore	Haan C. T (Charles Thomas), <1941->
Titolo	Design hydrology and sedimentology for small catchments // C.T. Haan, B.J. Barfield, J.C. Hayes
Pubbl/distr/stampa	San Diego, Calif. : , : Academic Press, , 1994
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Altri autori (Persone)	BarfieldBilly J HayesJ. C
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HYDRAULICS OF CULVERTS; HYDRAULICS OF EMERGENCY SPILLWAYS;
 CULVERT OUTLET PROTECTION; Problems; References; Chapter 6.
 Channel Flow Routing and Reservoir Hydraulics; FLOW ROUTING;
 CHANNEL ROUTING
 HYDRAULIC FLOW ROUTING RESERVOIR ROUTING; USES OF RESERVOIR
 ROUTING; Problems; References; Chapter 7. Sediment Properties and
 Transport; INTRODUCTION; BASIC PRINCIPLES OF SEDIMENTATION;
 PARTICLE SIZE CLASSIFICATIONS; DEVELOPING SIZE DISTRIBUTION
 DATA; SEDIMENT TRANSPORT; Problems; References; Chapter 8.
 Erosion and Sediment Yield; INTRODUCTION; FUNDAMENTAL EROSION
 MODELING; RILL AND INTERRILL EROSION MODELING: USLE / RUSLE
 EMPIRICAL MODELS; RILL AND INTERILL EROSION MODELING:
 COMMENTS ON PROCESS-BASED MODELS; CALCULATING
 CONCENTRATED CHANNEL FLOW EROSION; ESTIMATING SEDIMENT
 YIELD
 PREDICTING THE TIME DISTRIBUTION OF SEDIMENT: A SEDIGRAPH
 PROCESS-BASED EROSION MODELS: CREAMS SEMITHEORETICAL RILL
 AND INTERRILL MODEL; PROCESS-BASED EROSION MODELS: WEPP
 THEORETICAL RILL AND INTERRILL MODEL; Problems; References;
 Chapter 9. Sediment Control Structures; INTRODUCTION; SEDIMENT
 DETENTION BASINS; CONSTRUCTED WETLANDS; VEGETATIVE FILTER
 STRIPS AND RIPARIAN VEGETATION; POROUS STRUCTURES: CHECK
 DAMS, FILTER FENCES, AND STRAW BALES; SEDIMENT TRAPS; INERTIAL
 SEPARATION: THE SWIRL CONCENTRATOR; SYSTEMS APPROACH TO
 SEDIMENT CONTROL; Problems; References
 Chapter 10. Fluvial Geomorphology: Fluvial Channel Analysis and
 Design INTRODUCTION; CHANNEL CLASSIFICATION; CHANNEL
 MORPHOLOGY; ALLUVIAL CHANNEL BEDFORM; FLOW RESISTANCE;
 CHANNELS IN REGIME; GRAVEL CHANNELS; MODELING CHANNEL
 RESPONSE TO CHANGE; DYNAMIC MODELS OF CHANNEL CHANGE;
 Problems; References; Chapter 11. Ground Water; INTRODUCTION;
 LOCATION OF GROUND WATER PROVINCES; BASIC CONCEPTS OF
 GROUND WATER HYDRAULICS; FRACTURE ROCK HYDROLOGY;
 MOVEMENT OF POLLUTANTS; Problems; References; Chapter 12.
 Monitoring Hydrologic Systems; UNCERTAINTY; INSTRUMENTS;
 SOURCES OF DATA (U.S.); PRECIPITATION RUNOFF

Sommario/riassunto

The Clean Water Act, with its emphasis on storm water and sediment control in urban areas, has created a compelling need for information in small-catchment hydrology. Design Hydrology and Sedimentology for Small Catchments provides the basic information and techniques required for understanding and implementing design systems to control runoff, erosion, and sedimentation. It will be especially useful to those involved in urban and industrial planning and development, surface mining activities, storm water management, sediment control, and environmental management. This class-tested text, which presents many solved problems throughout as well as solutions at the end of each chapter, is suitable for undergraduate, graduate, and continuing education courses. In addition, practicing professionals will find it a valuable reference.