

1. Record Nr.	UNISALENTO991003218379707536
Autore	Chanson, Hubert
Titolo	The hydraulics of open channel flow [e-book] : an introduction ; basic principles, sediment motion, hydraulic modelling, design of hydraulic structures / Hubert Chanson
Pubbl/distr/stampa	Oxford [UK] ; Burlington, MA : Elsevier Butterworth Heinemann, c2004
ISBN	9780750659789 0750659785
Edizione	[2nd ed.]
Descrizione fisica	xlvii, [16] p. of col. plates, 585 p. : ill. ; 25 cm
Disciplina	627.042
Soggetti	Channels (Hydraulic engineering) Hydraulics Electronic books.
Lingua di pubblicazione	Inglese
Formato	Risorsa elettronica
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (p. 512-530) and indexes
Nota di contenuto	Part 1: Basic principles of open channel flows, Part 2: Introduction to sediment transport, Part 3:Hydraulic modelling, Part 4:Design of hydraulic systems
Sommario/riassunto	Since the publication of its first edition in 1999, 'The Hydraulics of Open Channel Flow' has been praised by professionals, academics, students and researchers alike as the most practical modern textbook on open channel flow available. This new edition includes substantial new material on hydraulic modelling, in particular addressing unsteady open channel flows. There are also many new exercises and projects, including a major new revision assignment. This innovative textbook contains numerous examples and practical applications, and is fully illustrated with both colour and black and white photographs. Dr Chanson introduces the basic principles of open channel flow and takes readers through the key topics of sediment transport, hydraulic modelling and the design of hydraulic structures. Comprehensive coverage of the basic principles of key application areas of the hydraulics of open channel flow New exercises and examples added to aid understanding Ideal for use by students and lecturers in civil and environmental engineering

