

1. Record Nr.	UNINA9910786225503321
Titolo	Handbook of environmental fluid dynamics / / edited by H.J.S. Fernando
Pubbl/distr/stampa	Boca Raton, Fla. : , : Taylor & Francis, , 2013
ISBN	0-429-19292-4 1-4398-1670-0
Descrizione fisica	1 online resource (625 p.)
Altri autori (Persone)	FernandoHarindra Joseph
Disciplina	620.1064
Soggetti	Fluid dynamics Hydrogeology Water quality Fluids - Migration Earth (Planet) Research Handbooks, manuals, etc
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.
Nota di contenuto	pt. I. Overview and general topics -- pt. II. Focus areas for study of natural systems -- pt. III. Fundamental flow phenomena and turbulence.
Sommario/riassunto	With major implications for applied physics, engineering, and the natural and social sciences, the rapidly growing area of environmental fluid dynamics focuses on the interactions of human activities, environment, and fluid motion. A landmark for the field, the two-volume Handbook of Environmental Fluid Dynamics presents the basic principles, fundamental flow processes, modeling techniques, and measurement methods used in the study of environmental motions. It also offers critical discussions of environmental sustainability related to engineering. The handbook features 81 chapters written by 1