

1. Record Nr.	UNINA9910407757003321
Titolo	Environmental Health : Management and Prevention Practices / / edited by Abdelhadi Makan
Pubbl/distr/stampa	London : , : IntechOpen, , 2020 ©2020
ISBN	1-83962-777-8 1-78984-895-4
Descrizione fisica	1 online resource (xii, 126 pages) : illustrations
Disciplina	616.98
Soggetti	Environmental health
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.

2. Record Nr.	UNINA9910299400503321
Autore	Wohl Ellen
Titolo	Sustaining River Ecosystems and Water Resources / / by Ellen Wohl
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-65124-2
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (VIII, 151 p. 54 illus., 49 illus. in color.)
Collana	SpringerBriefs in Environmental Science, , 2191-5547
Disciplina	551.4
Soggetti	Marine sciences Fresh water Hydrology Biotic communities Geomorphology Environmental management Sustainable development Marine & Freshwater Sciences Hydrology/Water Resources Ecosystems Environmental Management Sustainable Development
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter1. Introduction -- Chapter2. Rivers as Ecosystems -- Chapter3. Human Alterations of Rivers -- Chapter4. Toward Sustainable Rivers and Water Resources.
Sommario/riassunto	This work is designed to broaden the scope with which many people regard a river. Rivers are commonly regarded from a very simplistic perspective as conduits for downstream flows of water. In this context, it may be considered acceptable and necessary to engineer the channel to either facilitate such flows (e.g., channelization, levees) or limit flows and store water (e.g., water supply reservoirs, flood control). The book presents the concept of a river as a spatially and temporally complex ecosystem that is likely to be disrupted in unexpected and damaging

ways by direct river engineering and by human activities throughout a drainage basin. Viewing a river as a complex ecosystem with nonlinear responses to human activities will help to promote a more nuanced and effective approach to managing river ecosystems and to sustaining the water resources that derive from rivers. In this context, water resources refers to ecosystem services including water supply, water quality, flood control, erosion control, and riverine biota (e.g., freshwater fisheries). Chapters in this book draw extensively on existing literature but integrate this literature from a fresh perspective. General principles are expanded upon and illustrated with photographs, line drawings, tables, and brief, site-specific case studies from rivers around the world.
