

1. Record Nr.	UNINA9910132152603321
Autore	Church Michael
Titolo	The regulation of Peace River : a case study for river management / / Michael Church
Pubbl/distr/stampa	Chichester, England : , : Wiley Blackwell, , 2015 ©2015
ISBN	1-118-90616-0 1-118-90617-9 1-118-90615-2
Descrizione fisica	1 online resource (291 p.)
Classificazione	SCI081000
Disciplina	551.48/30971231
Soggetti	Watershed management - Peace River Watershed (B.C. and Alta.) Riparian ecology - Peace River Watershed (B.C. and Alta.) Peace River (B.C. and Alta.) Watershed Environmental conditions
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Machine generated contents note: Contributing authors, vii Preface, ix 1 On regulated rivers, 1 Michael Church 2 The regulation of Peace River, 13 Michael Church 3 Downstream channel gradation in the regulated Peace River, 39 Christopher P. Ayles and Michael Church 4 Tributary channel gradation due to regulation of Peace River, 67 Christopher P. Ayles and Michael Church 5 The hydraulic geometry of Peace River, 89 Michael Church 6 Ice on Peace River: effects on bank morphology and riparian vegetation, 115 Lars Uunila and Michael Church 7 Post-regulation morphological change on Peace River, 141 Michael Church and Jiongxin Xu 8 Studies of riparian vegetation along Peace River, British Columbia, 175 Margaret E. A. North and Michael Church 9 The response of riparian vegetation to flow regulation along Peace River, Alberta, 209 Michael Church, Lars Uunila and Margaret E. A. North 10 The floods of 1990 and 1996 on Peace River, 233 Michael Church, Christopher P. Ayles and Brett C. Eaton 11 The future state of Peace River, 251 Brett C. Eaton and Michael Church 12 Implications for river management, 267 Michael Church Appendix: data files online,

273 Index, 275 .

Sommario/riassunto

"The book describes a forty-year longitudinal study of the effects on river morphology and riparian vegetation communities of the regulation of Peace River, in northwestern Canada"--
