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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Preface; Contents; Chapter 1. Introduction; Chapter 2. Hydrology; Chapter 3. Soil-Water Relations and Irrigation Methods; Chapter 4. Ground Water and Wells; Chapter 5. Canal Irrigation; Chapter 6. Management of Canal Irrigation in India; Chapter 7. Hydraulics of Alluvial Channels; Chapter 8. Design of Stable Channels; Chapter 9. Surface and Subsurface Flow Considerations for Design of Canal Structures; Chapter 10. Canal Regulation Structures; Chapter 11. Cross-Drainage Structures; Chapter 12. Rivers and River Training Methods; Chapter 13. Canal Headworks Chapter 14. Planning of Water Resource Projects Chapter 15. Embankment Dams; Chapter 16. Gravity Dams; Chapter 17. Spillways; Appendix 1. Interlinking of Rivers in India*; Author Index; Subject Index
Sommario/riassunto	The book ""Irrigation and Water Resources Engineering"" deals with the fundamental and general aspects of irrigation and water resources engineering and includes recent developments in hydraulic engineering related to irrigation and water resources engineering. Significant inclusions in the book are a chapter on management (including operation, maintenance, and evaluation) of canal irrigation in India, detailed environmental aspects for water resource projects, a note on interlinking of rivers in India, and design problems of hydraulic

structures such as guide bunds, settling basins etc.
