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Nota di contenuto	Urban and Metropolitan Rivers: Current Processes, Trends and Challenges -- The Role of Floods in Urban Environments -- Tourism-related Urbanisation and Flooding: Some Examples in Mallorca --

Unveiling Fluvial Processes in Urban Rivers: The Case of the Congost River at Granollers, Catalonia, Spain -- Post-Project Appraisal in Hydromorphological River Restoration: Application to the Manzanares River at El Pardo (Madrid, Spain) -- From De-Urbanisation to the Renaturation of Riverbanks in France: the Emergence of an Ecology of Reconciliation in Urban Design? -- One Garden to Rule Them All? Exploring Recent Changes in Spain's Urban Riverscapes -- City and River in the Garonne Valley: the Geohistory of a Renewed Space (Toulouse, Agen, Bordeaux) -- Management of the Turia River in Valencia (Spain): the Recent History of an Unfinished Metamorphosis -- The Challenges of Urban Requalification of Rivers and Wetlands. The Case of Peri-Francilian Towns -- Eliminate, Ignore or Integrate Urban Rivers? Challenges and Opportunities for the River Huatanay (Cusco, Peru) -- The Role of Bluespaces for Well-Being and Mental Health. Rivers as Catalysts for the Quality of Urban Life -- Three Rivers and Different Approaches of Urban Riverscapes in Zaragoza City: Hydromorphology, Memory, Perception and Planning -- Change in Perceptions and Social Value of the River Corridors in the Metropolitan Region of Barcelona: The Case of the Besòs Basin -- An Educational Approach to River Restoration in the City -- Reconstructing a City's Evolving Physical Environment Through its Hydronymy: Barcelona as a Case Study.

Sommario/riassunto

This book provides a detailed description of fluvial processes and their influence on urban sites. During the urban expansion of modern cities throughout the twentieth century, rivers have become a source of problems during high flood events. However, due to growing social pressure, especially in dense cities, rivers are viewed as new leisure areas given that they also provide highly valuable ecosystem services. People seek open and environmentally friendly spaces amidst the dense street networks of cities. Yet, we should not forget that rivers are not merely domesticated elements of nature for leisure purposes only. Flooding risks and damages are possible within urban environments. How should we address the social and ecological interactions? How should we plan for these complexities to meet the growing social requirements and needs while respecting river dynamics? Hydrologists, geomorphologists, engineers, geographers and urban planners could leverage the knowledge and examples provided to enhance the interaction between nature and society in the growing cities of the twenty-first century. .
