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| Disciplina | 710 |
| Soggetti | Regional planning Urban planning Nature conservation Landscape ecology Sustainable development Buildings—Design and construction Building Construction Engineering, Architectural Environmental management Landscape/Regional and Urban Planning Nature Conservation Landscape Ecology Sustainable Development Building Construction and Design Environmental Management |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | 1. Nature-Driven Urbanism -- 2. Contrast, Contact, Contract; Pathways to pacify urbanization and natural processes -- 3. Temporary Nature - a win-win for nature and developers: tinkering with the law in order to combat biodiversity loss -- 4. Stepping-stone city: process-oriented infrastructures to aid forest migration in a changing climate -- 5. Landscape first! Nature-based design for Sydney's third city -- 6. From |

urban green structure to tidal river in Rotterdam: testing grounds for Urban Ecology -- 7. From Urban Acupuncture to the Third Generation City. -- 8. Urbanism on water and ecology: the early example of Westerpark, Breda -- 9. Blue design for urban resilience in drylands: the case of Qatar -- 10. South Creek in Far Western Sydney: Opportunities for a new waterway focused city -- 11. Nature-inclusive Cities: Concepts and Considerations -- 12. Exploring new urban futures through Sydney's hidden grids -- 13. A bold Vision for Sydney's future -- 14. A contemporary approach to the design of road transport infrastructure in balance with the landscape -- 15. Bio-inspiration: merging nature and technology -- 16. The Future of Nature-driven Urbanism .

Sommario/riassunto

This book discusses the way that a nature-driven approach to urbanism can be applied at each of the urban scales; architectural design, urban design of neighborhoods, city planning and landscape architecture, and at the city and regional scales. At all levels nature-driven approaches to design and planning add to the quality of the built structure and furthermore to the quality of life experienced by people living in these environments. To include nature and greening to built structures is a good starting point and can add much value. The chapter authors have fiducia in giving nature a fundamental role as an integrated network in city design, or to make nature the entrance point of the design process, and base the design on the needs and qualities of nature itself. The highest existence of nature is a permanent ecosystem which endures stressors and circumstances for a prolonged period. In an urban context this is not always possible and temporality is an interesting concept explored when nature is not a permanent feature. The ecological contribution to the environment, and indirect dispersion of species, from a temporary location will, overall add biodiversity to the entire system. .
