

Sustainable urban environments: an ecosystem approach

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Abstrak

Sustainable urban environments : an ecosystem approach presents fundamental knowledge of the built environment. Approaching the topic from an ecosystems perspective, it shows the reader how to combine diverse practical elements into sustainable solutions for future buildings and cities. From urban ecology to material, water and energy use, from urban transport to livability and health. The authors introduce and explore a variety of governance tools that support the transformation process, and show how they can help overcome institutional barriers. The book concludes with an account of promising perspectives for achieving a sustainable built environment in industrialized countries. Offering a unique overview and understanding of the most pressing challenges in the built environment, Sustainable urban environments helps the reader grasp opportunities for integration of knowledge and technologies in the design, construction and management of the built environment.