

Land and Natural Development (LAND) Code

Guidelines for Sustainable Land Development

Diana Balmori and Gaboury Benoit

Landscape Architecture/Urban Design

Sustainable land development strategies based on scientific information

Land and Natural Development (LAND) Code offers a pioneering method to develop sites in harmony with natural processes that is fully based on peer-reviewed scientific findings. With the LAND Code you can readily meet compliance with LEED, DRI, and other guidelines. It features several unique characteristics, including:

- Detailed scientific information on environmental research
- Rating systems that weight each development and building practice based on its environmental benefit and difficulty of implementation
- An integrated site-by-site system that is accessible to most users
- Focus on land urban form buildings
- Extensive use of photographs and diagrams to illustrate practices and principles

After an introduction, the book begins with chapters covering water use, air, living resources, energy, and materials. Throughout these chapters the authors describe and illustrate proven strategies that increase the success of the natural processes. Each chapter provides background, design benefits for both designers and managers, and occasionally provides examples of specific site technical language. A glossary is provided explaining all terms used throughout the book. A section of advanced engineering methods fully illustrates the strategies shown, and the final chapter offers best practices a series of examples of actual development projects in which a variety of approaches have successfully

achieved sustainable development. With its practical scientific understanding, the LAND Code offers you the information needed to make and implement decisions. Routinely used, your land development

DIANA BALMORI, PhD, is the founder of New York City-based Balmori Associates, a firm that is internationally recognized for its success in creating sensitive urban projects that integrate sustainable economic, social, and aesthetic use within an ever-evolving sense of place. She has created master plans ranging from a blue print for Bilbao, Spain, to the design for the forthcoming LAND Code that is a waterfront park on the Westbank River, Madrid, Spain. She is implementing a World square park network of green roofs in Long Island City, New York. She has been appointed to the U.S. Commission of Fine Arts through 2007. Balmori teaches at the New School of Architecture as well as at the Yale School of Forestry & Environmental Studies.

GABOURY BENOIT, PhD, is associate dean for research and professor of Environmental Chemistry and Environmental Engineering of the Yale School of Forestry & Environmental Studies. At Yale, he is also director of the Center for Carbon and Biorefinery Systems and co-director of the Center for Urban Ecology. Dr. Benoit's research focuses on the behavior, transport, and fate of chemicals in natural systems, with emphasis on those natural areas of interest for the public sphere and policy. His research interests include: water resources, water quality, and human-environment interactions in urban areas.

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