

Biophilic Design The Theory Science And Practice Of Bringing Buildings To Life

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~~Biophilic Design: The Theory, Science and Practice of ...~~

Biophilic Design: The Theory, Science and Practice of Bringing Buildings to Life | Wiley. When nature inspires our architecture-not just how it looks but how buildings and communities actually function-we will have made great strides as a society. Biophilic Design provides us with tremendous insight into the why, then builds us a road map for what is sure to be the next great design journey of our times.

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~~Amazon.com: Biophilic Design: The Theory, Science and ...~~

DOI: 10.5860/choice.47-0092 Corpus ID: 160825636. *Biophilic Design: The Theory, Science and Practice of Bringing Buildings to Life* @inproceedings{Kellert2011BiophilicDT, title={Biophilic Design: The Theory, Science and Practice of Bringing Buildings to Life}, author={S. Kellert and J. Heerwagen and M. Mador}, year={2011} }

~~[PDF] Biophilic Design: The Theory, Science and Practice ...~~

The Biophilic Design Framework has been created out of the Biophilia Hypothesis (Orman, 2017), setting forth an informative proposal that affinity of people and association with nature depend on...

~~Biophilic Design: the Theory, Science and Practice of ...~~

Biophilia is a hypothesis that suggests humans possess a deep, biologically-rooted tendency to seek connections with nature, and other forms of life. Popularized by E.O Wilson, the term biophilia means 'love of life, or living systems.'. *Biophilic Design: Science, Theory, Economics & Practice* is an hour-long course that explains the human connection to nature within the built environment.

~~Biophilic Design: Science, Theory, Economics & Practice~~

Biophilic design is a concept used within the building industry to increase occupant connectivity to the natural environment through the use of direct nature, indirect nature, and space and place conditions. Used at both the building and city-scale, it is argued that this idea has health, environmental, and economic benefits for building occupants and urban environments, with few drawbacks. Although its name was coined in recent history, indicators of biophilic design have been seen in architect

~~Biophilic design - Wikipedia~~

Theorists, research scientists, and design practitioners have been working for decades to define aspects of nature that most impact our satisfaction with the built environment. "14 Patterns of Biophilic Design" articulates the relationships between nature, human biology and the design of the built environment so that we may experience the human benefits of biophilia in our design applications.

~~14 Patterns of Biophilic Design - Terrapin Bright Green~~

Biophilia hypothesis, idea that humans possess an innate tendency to seek connections with nature and other forms of life. The term biophilia was used by German-born American psychoanalyst Erich Fromm in *The Anatomy of Human Destructiveness* (1973), which described biophilia as "the passionate love of life and of all that is alive."

~~biophilia hypothesis | Description, Nature, & Human ...~~

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Biophilic Design: The Theory, Science, and Practice of Bringing Buildings to Life. Hoboken, N.J.: Wiley, 2008. Print. Note! Citation formats are based on standards as of July 2010. Citations contain only title, author, edition, publisher, and year published. Citations should be used as a guideline and should be double checked for accuracy.

~~Biophilic design : : the theory, science, and practice of...~~

Whether science proves it or not, the biophilia hypothesis has played a role in making biophilic design, green architecture, and eco-friendly buildings more popular. The Biophilia Hypothesis in Architecture and Design. Many large companies are getting behind the idea of biophilic and green design.

~~Understanding the Biophilia Hypothesis | TerraMai~~

Biophilic design is about humanity's place in nature and the natural world's place in human society, where mutuality, respect, and enriching relationships can and should exist at all levels and should emerge as the norm rather than the exception. Written for architects, landscape architects, planners, developers, environmental designers, as well as building owners, Biophilic Design: The Theory, Science, and Practice of Bringing Buildings to Life is a guide to the theory, science, and ...

~~Biophilic Design — Biophilic Design: The Architecture of Life~~

Comprehensive List of the Elements and Attributes of Biophilic Design (from Biophilic Design: The Theory, Science, and Practice of Bringing Buildings to Life) Views and vistas Façade greening Geology and landscape Habitats and ecosystems Fire Color Water Air Sunlight Plants Animals Natural materials Botanical motifs Tree and columnar supports

~~Viewing Guide — Biophilic Design: The Architecture of Life~~

Biophilia is the theory that people possess an inherent affinity for nature, which developed during the long course of human evolution. In recent years, studies have revealed that this inclination continues to be a vital component to human health and wellbeing.

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Biophilic Design. The theory, science, and practice of bringing buildings to life, Chapters 22 & 23. Blog Features. Recent articles from our blog that describe our work and ideas. View all features. Another Dimension of Resilience. Disaster resilience has focused primarily on the physical characteristics and resource provisions of a home. How ...

~~Publications — Terrapin Bright Green~~

While biophilia is the theory, biophilic design as advocated by Kellert et al. (2008) and Beatley (2010) internationally involves a process that offers a sustainable design strategy that incorporates reconnecting people with the natural environment.

~~Biophilic Design Applications: Psychological and ...~~

Kellert, Stephen R., Heerwagen, Judith, Mador, Martin, eds. Biophilic Design: The Theory, Science, And Practice Of Bringing Buildings To Life. : . Print. These citations may not conform precisely to your selected citation style. Please use this display as a guideline and modify as needed. close Email This Record

"When nature inspires our architecture-not just how it looks but how buildings and communities actually function-we will have made great strides as a society. Biophilic Design provides us with tremendous insight into the 'why,' then builds us a road map for what is sure to be the next great design journey of

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our times." -Rick Fedrizzi, President, CEO and Founding Chairman, U.S. Green Building Council
"Having seen firsthand in my company the power of biomimicry to stimulate a wellspring of profitable innovation, I can say unequivocally that biophilic design is the real deal. Kellert, Heerwagen, and Mador have compiled the wisdom of world-renowned experts to produce this exquisite book; it is a must reading for scientists, philosophers, engineers, architects and designers, and-most especially-business people. Anyone looking for the key to a new type of prosperity that respects the earth should start here." -Ray C. Anderson, founder and Chair, Interface, Inc. The groundbreaking guide to the emerging practice of biophilic design This book offers a paradigm shift in how we design and build our buildings and our communities, one that recognizes that the positive experience of natural systems and processes in our buildings and constructed landscapes is critical to human health, performance, and well-being. Biophilic design is about humanity's place in nature and the natural world's place in human society, where mutuality, respect, and enriching relationships can and should exist at all levels and should emerge as the norm rather than the exception. Written for architects, landscape architects, planners, developers, environmental designers, as well as building owners, *Biophilic Design: The Theory, Science, and Practice of Bringing Buildings to Life* is a guide to the theory, science, and practice of biophilic design. Twenty-three original and timely essays by world-renowned scientists, designers, and practitioners, including Edward O. Wilson, Howard Frumkin, David Orr, Grant Hildebrand, Stephen Kieran, Tim Beatley, Jonathan Rose, Janine Benyus, Roger Ulrich, Bert Gregory, Robert Berkebile, William Browning, and Vivian Loftness, among others, address: * The basic concepts of biophilia, its expression in the built environment, and how biophilic design connects to human biology, evolution, and development. * The science and benefits of biophilic design on human health, childhood development, healthcare, and more. * The practice of biophilic design-how to implement biophilic design strategies to create buildings that connect people with nature and provide comfortable and productive places for people, in which they can live, work, and study. Biophilic design at any scale-from buildings to cities-begins with a few simple questions: How does the built environment affect the natural environment? How will nature affect human experience and aspiration? Most of all, how can we achieve sustained and reciprocal benefits between the two? This prescient, groundbreaking book provides the answers.

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A gorgeously illustrated, accessible book that provides a holistic summary of the key elements for good biophilic design

Tim Beatley has long been a leader in advocating for the "greening" of cities. But too often, he notes, urban greening efforts focus on everything except nature, emphasizing such elements as public transit, renewable energy production, and energy efficient building systems. While these are important aspects of reimagining urban living, they are not enough, says Beatley. We must remember that human beings have an innate need to connect with the natural world (the biophilia hypothesis). And any vision of a sustainable urban future must place its focus squarely on nature, on the presence, conservation, and celebration of the actual green features and natural life forms. A biophilic city is more than simply a biodiverse city, says Beatley. It is a place that learns from nature and emulates natural systems, incorporates natural forms and images into its buildings and cityscapes, and designs and plans in conjunction with nature. A biophilic city cherishes the natural features that already exist but also works to restore and repair what has been lost or degraded. In *Biophilic Cities* Beatley not only outlines the essential elements of a biophilic city, but provides examples and stories about cities that have successfully integrated biophilic elements--from the building to the regional level--around the world. From urban ecological networks and connected systems of urban greenspace, to green rooftops and green walls and sidewalk gardens, Beatley reviews the emerging practice of biophilic urban design and planning, and tells many compelling stories of individuals and groups working hard to transform cities from grey and lifeless to green and biodiverse.

Written by a leading proponent of biophilic design, this is the only practical guide to biophilic design principles for interior designers. Describing the key benefits, principles and processes of biophilic design, *Nature Inside* illustrates the implementation of biophilic design in interior design practice, across a range of international case studies – at different scales, and different typologies. Starting with the principles of biophilic design, and the principles and processes in practice, the book then showcases a variety of interior spaces – residential, retail, workplace, hospitality, education, healthcare and manufacturing. The final chapter looks ‘outside the walls’, giving a case study at the campus and city scale. With practical guidance and real-world solutions that can be directly-applied in day-to-day practice, this is a must-have for designers interested in applying biophilic principles.

This book brings together the views of some of the most creative scientists of our time, each attempting to amplify and refine the concept of biophilia. Contributors to this volume include Jared Diamond, Aaron Katcher, Richard Nelson and others.

"This publication offers practical advice and inspiration for ensuring that nature in the city is more than infrastructure--that it also promotes well-being and creates an emotional connection to the earth among urban residents. Divided into six parts, the Handbook begins by introducing key ideas, literature, and theory about biophilic urbanism. Chapters highlight urban biophilic innovations in more than a dozen

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global cities. The final part concludes with lessons on how to advance an agenda for urban biophilia and an extensive list of resources."--Publisher.

Human health and well-being are inextricably linked to nature; our connection to the natural world is part of our biological inheritance. In this engaging book, a pioneer in the field of biophilia—the study of human beings' inherent affinity for nature—sets forth the first full account of nature's powerful influence on the quality of our lives. Stephen Kellert asserts that our capacities to think, feel, communicate, create, and find meaning in life all depend upon our relationship to nature. And yet our increasing disconnection and alienation from the natural world reflect how seriously we have undervalued its important role in our lives. Weaving scientific findings together with personal experiences and perspectives, Kellert explores specific human tendencies—including affection, aversion, intellect, control, aesthetics, exploitation, spirituality, and communication—to discover how they are influenced by our relationship with nature. He observes that a beneficial relationship with the natural world is an instinctual inclination, but must be earned. He discusses how we can restore the balance in our relationship by means of changes in childhood development, education, conservation, building design, ethics, and everyday life. Kellert's moving book provides exactly what is needed now: a fresh understanding of how much our essential humanity relies on being a part of the natural world.

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