

Booklist and Reader's Advisory, July 2023

Recently published architectural books and related works, selected by **Barbara Opar**, Librarian for Architecture, Syracuse University Libraries. Barbara can be reached at baopar@syr.edu.

Reader's Advisory

Recent Blog Posts on a variety of architectural topics.

Check out these important current posts:

[Top 5 Articles on Anti-racism and Teaching and Learning Online](#) - Diversity, equality, inclusion

[10 Can't-Miss Art, Design, and Architecture Exhibitions on View This Summer](#) - Summer exhibitions

[Design Education Needs a Dose of Radical Imagination](#) - Architectural Education

[This Week in Tech & Culture: Preserving Black American Heritage Sites](#) - Preservation of Black heritage

[What is an ADU? Another Trend or the Future of Housing?](#) - Housing

[Guggenheim Museum Bilbao Receives AIA's 2023 Twenty-Five Year Award](#) - Masterwork

[Lina Bo Bardi and Her Helicoidal Wooden Staircase: Tradition and Modernity](#) – Lina Bo Bardi

Articles & Segments

Yun Jiang is back home in China for the summer, so I am trying something a little different. Many of you may also be away from physical issues of current architecture journals. For the next several months, topics of current interest will be explored in a more in-depth way through links to open access articles, blog posts, etc. Last month, the focus was on AI. Biophilic design will be explored this month. Next month, we will look at new directions being taken with respect to sustainability. Information on this month's topic as well as that for August, is being prepared by Pisey Kim, a library student assistant and rising third-year Architecture student here at Syracuse University.



"Greetings, my name is Pisey Kim. I am a rising junior architecture student. I also work as a library assistant at the King+ King Library. This month, I will choose articles, research, journals, blogs, and news regarding the selected theme of Biophilic Design. I hope you enjoy reading this selection as much as I did assembling the list. Thank you."

Biophilic Design

They say there is nothing new under the sun. The same can be said of biophilic design. Ian McHarg's *Design with Nature* was first published in 1959 and remains relevant today. However, more than terminology has changed so I believe you will find it worthwhile exploring the articles and posts selected by Pisey.

Overview:

[What Is and Is Not Biophilic Design? by: Stephen R. Kellert:](#)

Simply bringing the plant into the building is not the concept of biophilic. Kellert has elaborated on the topic and stresses that biophilic design must touch on evolution and innate changes to human life.

[The Practice of Biophilic Design by Stephen R. Kellert, Elizabeth F. Calabrese :](#)

In this article Kellert defines biophilic design and why it is beneficial to living beings. The author discusses further how designers can achieve it directly and indirectly. The concept of biophilic is also related to the ethics in that the design should not serve as a background but essentially benefit the living being, such as humans, plants, and animals.

[7 Ways to Enhance Indoor Environments with Biophilic Design by Katie Gloede:](#)

A summary of techniques on how the biophilic can be achieved. Especially it discusses how elements such as light, air contribute to health. This article discourages fake plants. _

Biophilic Cities: Connecting Cities and Nature: <https://www.biophiliccities.org/>

This website explores and researches the concept of biophilic urban design, providing resources such as journals, films, case studies from experts and Biophilic Arts.

Here are some specific selected journal articles from Biophilic Cities:

[Citizen Science and Biophilic Cities, The Great Experiment:](#)

This ResearchGate publication calls for assistance from urban designers to create nature-friendly cities that offer chances for natural communities of creatures to recolonize the urban landscape and establish reproductive populations.

[Frank Lloyd Wright and Biophilic Cities theory by Tim Beatley :](#)

Discusses the work of Frank Lloyd Wright in relation to the concept of biophilic design.

[Biophilic Cities for the 22nd Century by Nadina Galle and Sophie Nitoslawski:](#)

An introduction to IoN or the "Internet of Nature", a new approach to urban ecosystem management where individual parts of an ecosystem can be described and represented through digital technologies and applications, allowing us to unearth synergies between

components and enhance resilience in urban ecosystems (Galle et al. 2019).

[Emergence of the Forest Aesthetic and the Idea of Living within Ecosystem Curves by Jana VanderGoot](#)

This journal article discusses the concept of symbolically looking at the city as a forest: where nature is intentionally incorporated into architectural building design.

[Exploring a Biophilic Frontier Within by Ian Leahy:](#)

This article presents the urban gateway as an option for the diminishing city park caused by the growth of the industrial sector.

Here are some more selected journals and articles:

[Biophilic Cities: What Are They? | SpringerLink:](#)

Timothy Beatley defines and characterizes aspects of biophilic design, including its relationship to economics.

[The Emergence of a New Social Movement: Biophilic Design | SpringerLink:](#)

This journal article discusses the influence of biophilic on design and contends that it is a result of collective collaboration, where people are working toward change to improve the quality of living conditions.

[Biophilic Design Patterns Emerging Nature-Based Parameters for Health and Well-Being in the Built Environment:](#)

The notion of biophilic design is explored in this work, where distinct patterns are elaborated in terms of architecture. It goes into further detail on how many professional sectors, such as neurosciences, have influenced the development of biophilic design.

[Shape-finding in Biophilic Architecture: Application of AI-based Tool:](#)

This research explores the possibility of using AI-based tools and methods for shape-finding in the context of biophilic architecture design. The study involves literary review and analysis. They use AI-based tools such as VQGAN+CLIP to help generate the image.

[Understanding biophilia and its integration with architecture:](#)

This study tries to understand 'biophilia' and 'biophilic design' – specifically in the context of how it can be integrated into the design of buildings.

[Biophilic architecture \(Towards a new potential of healthy architecture\):](#)

The study discusses in depth biophilic design in architecture and its benefits which contribute to the well-being of people through energy efficiency.

[The Progression of Biophilic Design](#)

This concluding chapter brings the biophilic design social movement story up to date. It briefly examines the progression of the movement of biophilic design in recent times and where there are indicators that it is moving into the mainstream.

[A critical review of Biophilic design and its design framework](#)

The biophilic design method, one of the most well-known strategies in literature, is critically examined in this essay. It talks about how it relates to sustainability and the

advantages and disadvantages of encouraging pro-environmental behavior.

Terrapin Bright Green: [Biophilic Design Case Studies - Terrapin Bright Green:](#)

This is a sustainable consulting firm focusing on biophilic design. The website provides blogs, reports, and research papers on biophilic design.

Here are some selected case studies from Terrapin Bright Green:

[Seeking parks, Plaza, and spaces- The Allure of Biophilia in Cities:](#)

The case study on lower Manhattan suggests adding vegetation to shared public places where there is not any current natural beauty.

[Greenacre-Park-Fall16.pdf \(terrapinbrightgreen.com\)](#)

A case study of Greenacre Park in New York, which is heavily used, showing the value of biophilic design, which incorporates patterns like water, thus connecting people to their natural world.

Nature Portfolio: Open Access: [Biophilic | Nature Search Results](#)

Provides journals, research, and case studies on biophilic.

Here are selected articles from Nature Portfolio:

[Regenerative living cities and the urban climate–biodiversity–wellbeing nexus | Nature Climate Change:](#)

This article discusses the concern around climate change and the loss of biodiversity, leading to a solution for designing a nature-based city.

[Diversity and compositional differences of the airborne microbiome in a biophilic indoor environment:](#)

This paper discusses the nature of plants related to their DNA that connects to the quality of life in human beings. It discusses and addresses the airborne microbiome that enhances the productivity of performance.

[Adding virtual plants leads to higher cognitive performance and psychological well-being in virtual reality:](#)

In the future even a VR office building will need VR plants. This paper proves the benefit of plants in the workplace.

Interface: <https://blog.interface.com/category/topic/biophilic-design/>

A commercial carpet tiles company that advocates for biophilic design and integrating it into their building and constructed landscapes. They aim to advance biophilic design in businesses. Their website offers articles and case studies about biophilic research and information.

Here are some selected blogs from Interface:

[Natural Selection: Biophilia in Education | Human Spaces \(interface.com\)](#)

Architecture researchers Bill Browning and Terri Peters, Ph.D. prioritize the connection between the human experience of architecture and the environment, examining the significance of biophilic design as well as its necessity in design education.

Other blogs:

[Biomimicry versus Biophilia: What's the Difference? - Terrapin Bright Green](#)

In her discussion on sustainable design, Allison Bennett explains the difference between biomimicry and biophilia.

[Biophilic design: What is it? Why it matters? And how do we use it? \(bdcnetwork.com\)](#)

This blog concerns the psychological and physical harm that is caused by the separation from natural elements, due to the increased time spent indoors. This article aims to promote biophilic design to improve the overall well-being of the community.

Media, News

Here are some selected articles from Arch Daily:

[What Is Biophilic Design? Examples of Apartments Integrating These Principles in Mexico | ArchDaily](#). Defines the concept of biophilic design and how it is commonly applied in Mexican building.

[How To Apply Biophilic Design in Contemporary Architecture? A Selection of Works In The Philippines | ArchDaily](#) : Case studies of houses where the blend of nature with human life is applied to both the interior and exterior of the houses.

[Biophilic-Inspired Design Takes Center Stage: How Bricks Bring Nature In | ArchDaily](#): Moving to the cities people isolates from nature. The article discusses the use of material such as brick which could bring back a sense of connecting the living experience to nature.

[Cities of the Future: Julia Watson on Nature-based Technologies and Radical Materials | ArchDaily](#): Inspired by indigenous and vernacular building which reserves a sense of natural construction and contributes to the concept of sustainability. Julia Watson wants to bring this together with technologies creating a city that is nature-based.

Booklist:

Topical—Diversity, Equity and Inclusion

Sengeh, David Moinina. [Radical Inclusion: Seven Steps to Help You Create a More Just Workplace, Home, and World](#). New York: Flatiron Books: A Moment of Lift Book, 2023. ISBN: 9781250827746. 256 Pages. \$11.00.

The Subject is Architecture

Architects

Adenowo, Olajumoke. [Olajumoke Adenowo. Neo Heritage: Defining Contemporary African Architecture](#). New York: Rizzoli, 2023. ISBN: 9788891836168. 256 Pages. \$55.97.

Bailey, Spencer. [Alchemy: The Material World of David Adjaye](#). London: Phaidon Press, 2023. ISBN: 9781838663919. 292 Pages. \$59.58.

Buchhart, Dieter. [Ai Weiwei: In Search of Humanity](#). Munich: Hirmer Publishers, 2023. ISBN:

9783777438641. 336 Pages. \$42.19.

Frommel, Christoph. [The Architectural Drawings of Antonio da Sangallo the Younger and His Circle](#). London: Harvey Miller, 2023. ISBN: 9781912554393. 584 Pages. €250.00.

Kirchner, Jens. [Geiselhart: Architektur Innenarchitektur 2006–2016](#). Berlin: Kerber, 2023. ISBN: 9783735603197. 272 Pages. \$35.01.

Architecture – Africa

Geissler, Paul Wenzel. [African Modernism and Its Afterlives](#). Bristol: Intellect Ltd, 2022. ISBN: 9781789384031. 356 Pages. \$31.60.

Architecture – China

Lu, Xiaoxuan. [Shifting Sands: Landscape, Memory, and Commodities in China's Contemporary Borderlands \(Lateral Exchanges: Architecture, Urban Development, and Transnational Practices\)](#). Austin: University of Texas Press, 2023. ISBN: 9781477327555. 344 Pages. \$50.00.

Xie, Jing. [The Origin and Development of Dougong and Zaojing in Early China \(Anthem Impact\)](#). London: Anthem Press, 2023. ISBN: 9781785279423. 128 Pages. \$24.95.

Architecture – Germany

Rosenheim, Jeff L. [Bernd & Hilla Becher](#). New York: Metropolitan Museum of Art, 2022. ISBN: 9781588397553. 282 Pages. \$43.27.

Architecture – India

Dutta, Apurva Bose. Barcelona: Edicions Altrim:2023. ISBN: 9788412274790. 152 Pages. No price given.

Architecture – United States

Cronan, Todd. [Nothing Permanent: Modern Architecture in California](#). Minneapolis: University Of Minnesota Press, 2023. ISBN: 9781517915209. 384 Pages. \$39.95.

Leslie, Thomas. [Chicago Skyscrapers, 1934-1986: How Technology, Politics, Finance, and Race Reshaped the City](#). Champaign: University of Illinois Press, 2023. ISBN: 9780252044953. 426 Pages. \$44.95.

Arts and Architecture

Frahm, Laura A. [Design in Motion: Film Experiments at the Bauhaus \(Leonardo\)](#). Cambridge: The MIT Press, 2022. ISBN: 9780262045186. 428 Pages. \$40.00.

Skolos, Nancy. [Overlap/Dissolve](#). Novato: ORO Editions, 2023. ISBN: 9781957183312. 288 Pages. \$50.00.

Architectural Design

Allen, Mathew. [Flowcharting From Abstractionism to Algorithmics in Art and Architecture](#). Zurich: gta Verlag, 2023. ISBN: 9783856764456. 156 Pages. \$21.73.

Graser, Andrea. [Light Up – The Potential of Light in Museum Architecture \(Edition Angewandte\)](#). Basel: Birkhäuser, 2023. ISBN: 9783035627053. 224 Pages. \$46.45.

Smit, Mo. [Circular Communities: The Circular Value Flower as a Design Method for Collectively Closing Resource Flows](#). Rotterdam: Nai010 publishers, 2023. ISBN: 9789462087415. 160 Pages. \$49.05.

Architectural Education

Bardon de Tena, Andrea. [The ReView: How and What for](#). New York: Actar, 2023. ISBN: 9781638400707. 400 Pages. \$36.49.

Architectural Theory

Dwyre, Cathryn. [Ambiguous Territory: Architecture, Landscape and the Postnatural](#). Barcelona: Actar, 2022. ISBN: 9781948765657. 256 Pages. \$30.49.

Architecture and Society

Brandle, Kurt. [Emotion and Reason in Architecture](#). London: Design Research, 2023. ISBN: 9780984727131. 162 Pages. \$27.18.

Derinboğaz, Alper. [Geospaces: Continuities Between Humans, Spaces, and the Earth](#). New York: Actar, 2023. ISBN: 9781638400530. 224 Pages. \$44.95.

Hinson, David. [Designed for Habitat: New Directions for Habitat for Humanity](#). Abingdon: Routledge, 2023. ISBN: 9781032182285. 214 Pages. \$42.95.

Kehoe, Marsely. [Trade, Globalization, and Dutch Art and Architecture: Interrogating Dutchness and the Golden Age \(Visual and Material Culture, 1300-1700\)](#). Amsterdam: Amsterdam University Press, 2023. ISBN: 9789463723633. 244 Pages. \$138.00.

Nielsen, Gustav. [I, Like Many Things](#). New Haven: Yale School of Architecture, 2023. ISBN: 9781638400745. 320 Pages. \$38.35.

Zweig, Peter Jay. [Living + Dying INbetween the Real + the Virtual](#). Novato: Applied Research & Design, 2023. ISBN: 9781954081789. 420 Pages. \$44.04.

Building Materials

Jacobson, Clare. [Folio 2: The Elements of Design, A Publication by Glen-Gery](#). Novato: ORO Editions, 2023. ISBN: 9781957183206. 100 Pages. \$40.00.

Building Types

Kovel, Jeff. [Skylab: The Nature of Buildings](#). London: Thames & Hudson, 2023. ISBN:

9780500025406. 304 Pages. \$60.00.

Rappaport, Nina. [The Innovative Urban Workplace: Designing for the Future at the Brooklyn Navy Yard \(Edward P. Bass Distinguished Visiting Architecture Fellowship\)](#). New Haven: Yale School of Architecture, 2023. ISBN: 9781638400806. 200 Pages. \$30.00.

Historic Preservation

Hanson, Scott T. [Restoring Your Historic House: The Comprehensive Guide for Homeowners](#). n.p.: Maine: Down East Books (a division of Rowman& Littlefield) , 2023. ISBN: 9781684751167. 720 Pages. \$41.84.

Industrial Design

Gadsden, Nonie. [America Goes Modern: The Rise of the Industrial Designer](#). Boston: MFA Publication, 2022. ISBN: 9780878468850. 192 Pages. \$29.99.

Landscape Architecture

Ferry, Robert. [Land Art as Climate Action: Designing the 21st Century City Park](#). Munich: Hirmer Publishers, 2023. ISBN: 9783777440934. 240 Pages. \$45.00.

Miller, Sara Cedar. [Before Central Park](#). New York: Columbia University Press, 2022. ISBN: 9780231181945. 624 Pages. \$26.21.

Ngo,Ngoc Minh. [New York Green: Discovering the City's Most Treasured Parks and Gardens](#). New York: Artisan, 2023. ISBN: 9781648290732. 256 Pages. \$29.89.

Olszewska-Guizzo, Agnieszka. [Neuroscience for Designing Green Spaces: Contemplative Landscapes](#). New York: Routledge, 2023. ISBN: 9781032280639. 220 Pages. \$39.95.

Tebbs, John. [The Avant Gardens: Gardens Beyond Wild Expectations, Visionaries, and Landscape Architecture](#). Berlin: Gestalten, 2023. ISBN: 9783967040968. 272 Pages. \$59.99.

Masterworks

Engel Jürgen, Christian Welzbacher. [The Making of a Mosque: Djamaâ el Djazaïr- The Grand Mosque of Algiers by KSP Engel](#). Zurich: Park Books, 2022. ISBN: 9783038602743. 248 Pages. \$55.00.

Hamzeian, Boris. [The Live Centre of Information: From Pompidou to Beaubourg \(1968–1971\)](#). New York: Actar, 2023. ISBN: 9781638400554. 240 Pages. \$49.95.

Türker, Deniz. [The Accidental Palace: The Making of Yıldız in Nineteenth-Century Istanbul \(Buildings, Landscapes, and Societies\)](#). University Park: Penn State University Press, 2023. ISBN: 9780271093918. 272 Pages. \$114.95.

Urban Design

Davis, Veronica. [Inclusive Transportation: A Manifesto for Repairing Divided Communities](#).

Washington D.C: Island Press, 2023. ISBN: 9781642832099. 176 Pages. \$29.00.

Enstice, Matt. [City Forward: How Innovation Districts Can Embrace Risk and Strengthen Community](#). Washington D.C: Island Press, 2022. ISBN: 9781642831764. 258 Pages. \$35.00.

Picon, Antoine. [Atlas of the Senseable City](#). New Haven: Yale University Press, 2023. ISBN: 9780300247510. 240 Pages. \$31.22.