

Green Parking for a Climate Resilient Built Environment

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ABSTRACT

Parking infrastructure, developed in conjunction with commercial and residential buildings, is a frequently neglected facet of property design. However, parking creates numerous environmental impacts, including excess energy consumption, urban heat island effect, stormwater runoff, traffic congestion, and pollution. This presentation will illustrate how well-designed and efficient parking structures can dramatically improve a property's environmental footprint by minimizing natural resource use and incorporating green design. Best-in-class parking sustainability standards, including the USGBC's Parksmart Certification, benefit neighborhoods and communities, while maximizing the bottom line. Topics covered will include low-carbon strategies, electric mobility, stormwater management, and financing for green infrastructure.

BIOGRAPHY

Lisa Chase has published extensively on sustainability and design in the built environment, including in Stanford Social Innovation Review, Harvard Business Review and Harvard Business School Working Knowledge. Lisa's credentials include formal education in international relations and environmental studies, as well as extensive nonprofit, corporate and entrepreneurial communications expertise. Clients include Harvard Graduate School of Design, Harvard University's Real Estate Academic Initiative and Harvard Business School. She leads research and communications at Two Willows Consulting, LLC.