Everything Is Food: Nutrient Systems for Site and Structure
Designers can achieve living systems integration and healthy nutrient cycles for site and structure through collaborative, circular, and value-driven design. Speakers examine multiple projects, from factory design to island food systems, to discuss opportunities for integrating nutrient and water recovery, food production, and upcycling at a variety of scales. Rana Creek and William McDonough + Partners are award winning innovators and frequent collaborators with much to share.

Altasea Conceptual Master Plan. San Pedro, CA.
Hero MotoCorp. Neemrana, India.
IAC Building Sunset Blvd. West Hollywood, CA.
David Johnson, AIA
William McDonough+Partners, Founding Partner
As the founding member of the San Francisco studio, David is an accomplished designer who has demonstrated exceptional leadership during his three-decade career. He has directed teams from concept design through client occupancy on an array of technically challenging and programmatically intricate projects in the U.S. and abroad. David’s portfolio includes planning, interiors, sustainability consulting and architectural design for a range of large-scale international urban planning projects and commercial and institutional buildings. Key Projects include Recology Master Plan, UCSF Medical Center at Mission Bay, Integrated Resource Recovery Facility for San Francisco, Treasure Island, PG&E Sustainable Cities.

The office of William McDonough + Partners is a collaborative, principles-driven design firm that sees the unique characteristics of each place and project as a source of inspiration and innovation. The foundational principles we bring to each project derive from our vision of the future: a delightfully diverse, safe, healthy and just world—with clean air, soil, water and power—economically, equitably, ecologically, and elegantly enjoyed. Our work is grounded in the Cradle to Cradle® philosophy co-developed by our founder, William McDonough. Rather than seeking to minimize the harm we inflict, Cradle to Cradle reframes design as a beneficial, regenerative force. This framework expands the definition of design quality to include positive effects on economic, ecological and social health in addition to the traditional architectural standards of commodity, firmness and delight. Cradle to Cradle promotes the idea that good design supports a rich human experience with all that entails—fun, beauty, enjoyment, inspiration and poetry—and still encourages environmental health and abundance.

Paul Kephart, ASLA
Rana Creek Living Architecture, President, CEO, Principal Ecologist + Designer
Paul has a keen ability to see the geologic, natural and cultural history embodied in a landscape, and simultaneously imagine its most vibrant future. As a pioneer and innovator of living architectural systems and a dedicated horticulturist, Paul’s deepest joy is to design landscapes that integrate regionally adapted biodiversity and goal-driven ecological function into both restored wildlands and the built environment.

Blake Jopling, ASLA
Rana Creek Living Architecture, Design Associate
Blake’s design approach integrates technology, architecture and ecology to create beautiful and functioning landscapes. Blake has a gift for designing landscapes from the inside out, engineering healthy water systems as an integral component of biomimetic landscapes.

Rana Creek is a renowned ecological design firm specializing in environmental planning, landscape architecture, habitat restoration, and native plant propagation. Our diverse team of professional ecologists, landscape architects, horticulturists and landscape restoration specialists believe passionately in our mission to restore biodiversity and preserve healthy ecosystems through an integrated design/build process. Rana Creek’s goal is to deliver design solutions that minimize the impacts of development; improve building performance; emulate and support ecological function while offering aesthetic and cultural value. Rana Creek offers expertise through all stages of project development, from compliance and permitting to construction documentation and project implementation. Our client list is comprised of world-renowned architects, developers, municipalities, non-profits, land-use planners, government agencies, industrial clients and community associations.

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