

Building Resiliency: From Gray to Green

June 4, 2013

Agenda

7:30 am Breakfast

8:00 am Opening Remarks Lisa Brothers, PE, LEED AP BD+C
President and CEO, Nitsch Engineering

8:10 am Keynote Address Ignacio Bunster-Ossa, FASLA, LEED AP
Principal, Landscape Architect and Urban Designer, WRT|Wallace Roberts & Todd

9:00 am Panelists Brian Swett, LEED AP
Chief of Environment and Energy, City of Boston
Kate Bowditch
Director of Projects, Charles River Watershed Association
Sandra Brock, PE, CFM, LEED AP BD+C
Chief Engineer, Nitsch Engineering
Judy Nitsch, PE, LEED AP BD+C, Moderator
Founding Principal and Chairman, Nitsch Engineering

10:30 am Conclusion

Speaker Bios

Ignacio F. Bunster-Ossa, FASLA, LEED AP
Principal, Landscape Architect and Urban Designer
WRT|Wallace Roberts & Todd, LLC

Ignacio brings to the Philadelphia Green Streets a 30-year career devoted to the planning and design of civic places, including waterfronts, parks, and streetscapes. His approach is based on the fusion of art and green design with the aim of creating places that evoke the ecological and cultural qualities that are unique to every community. Among his critically acclaimed work is the landmark collaboration with artist Jody Pinto in the redesign of Santa Monica's Palisades Park and Beach Boardwalk. In Saint Louis, Ignacio led the redesign of Washington Avenue as a green street, creating a vibrant urban destination that catalyzed the redevelopment of the city's forgotten Loft District. He led the design of the Georgetown Waterfront Park, the centerpiece of the National Park Service effort to unify the Potomac riverfront from the Chesapeake & Ohio Canal to the National Mall.



Ignacio has been recognized for his leadership and innovation in advancing sustainability. He was among the first proponents of Landscape Urbanism, having published in 2001 a seminal article on the subject in *ULI Magazine*. He was a resource professional for "Ecological Riverfront Design: Connecting Rivers, Connecting Communities," an APA/PAS publication. Ignacio is also the lead designer for the Continental Bridge Pedestrian Way in Dallas, a roadway reuse design selected as a pilot project for the ASLA Sustainable Sites Initiative. He has participated in multiple Mayors' Institute on City Design workshops as well as in the inaugural workshop of the Governor's Institute on Community Design. Ignacio has lectured extensively, has taught advanced landscape design at major universities, and periodically serves in national award juries, including the National Endowment for the Arts' Design Grants. He received his Bachelor of Architecture from the University of Miami, his Master of Landscape Architecture from the University of Pennsylvania, and is a Harvard Loeb Fellowship Alumnus.

Brian Swett, LEED AP
Chief of Environment and Energy
City of Boston

Brian is Chief of Environment and Energy for the City of Boston. The Environmental and Energy Services Cabinet is comprised of the Inspectional Services Department, the Environment Department, the Parks and Recreational Department's Open Space Planning, and Boston's Recycling Program. Brian serves as the Mayor's appointee to the boards of the Massachusetts Water Resource Authority (MWRA), Boston Groundwater Trust, Boston Harbor Islands Alliance, and the Boston Harbor Islands Partnership. He also represents the City on the Green Ribbon Commission and the State's Global Warming Solutions Act's Implementation Advisory Committee. Prior to his appointment with the City, Brian was employed at Boston Properties where he advised and oversaw LEED and sustainability-related initiatives throughout the Boston region and across the company. He was involved in a variety of sustainable development projects including Atlantic Wharf, a 31-story, 880,000 square foot mixed-use project on Boston's waterfront. Brian was instrumental in achieving a LEED-Platinum Certification for Atlantic Wharf, which became Boston's first green skyscraper.



Brian received his Bachelor of Arts in Public Policy and International Relations from Brown University, and his Master of Business Administration and Master of Science in Sustainable Systems degrees from University of Michigan. He currently serves on the Dean's Visiting Committee at the School of Natural Resources and Environment at the University of Michigan.

Kate Bowditch
Director of Projects
Charles River Watershed Association

Kate directs CRWA's numerous science, research, and modeling projects, including water quality testing programs, streamflow modeling efforts, land use and infrastructure planning, and stormwater management programs. For the past six years, she has developed CRWA's Blue Cities® Initiative, building a strong staff team of engineers, designers, and planners whose focus has included the design of Harvard's North Allston campus and the development of Green Streets in Boston. Kate also coordinates CRWA's policy and regulatory programs, working to develop stronger state and federal programs to reduce stormwater pollution, conserve water, and prepare for climate change. This year, she began a river restoration project with several partners in the Dominican Republic. Kate grew up in Boston and Brookline, and Chairs the Brookline Conservation Commission. A hydrologist by training, Kate graduated *cum laude* from Cornell University and received her MA in Geography/Water Resources Management from Boston University.



Sandra Brock, PE, CFM, LEED AP BD+C
Chief Engineer
Nitsch Engineering

Sandy has over 27 years of experience in the civil engineering field. A registered Professional Engineer in Massachusetts and a LEED Accredited Professional, Sandy has considerable expertise in sustainable site design. Her efforts for various private owners and state agencies in preparing subdivision and site plans and reports have given her a strong background in land use planning to meet local zoning and planning regulations.



Sandy graduated from the University of Massachusetts Lowell with a BS in Civil Engineering. She spent two years designing and constructing rural water supplies in Malawi, Africa for the Peace Corps. She is a member of the Board of Directors for the USGBC MA Chapter, and is a member of the Grafton Conservation Commission. Sandy has presented at various industry events on topics such as site development permitting and stormwater management best management practices, and has been an instructor for the Boston Architectural College's Landscape Design Program "Site Engineering" Course.