

Second Annual Green Roof Conference

In this second annual conference, The New York Botanical Garden presents an exploration of the latest trends in green roof building solutions and environmental design approaches.

Morning lectures feature speakers Leslie Hoffman, Ed Snodgrass, and Christian Werthmann. In the afternoon, roof garden proponents from architectural firms and community groups discuss projects that have been built in the tri-state area.

Friday, April 13

Morning: Featured Speakers 10 a.m.–12:30 p.m.

More Green Roofs for New York City!

Ten years have passed since Earth Pledge helped lead the push to install the first green roofs in New York City. Recently, Earth Pledge published *Green Roofs: Ecological Design and Construction*, showcasing a range of public and private applications that serve as models for Green Roofs. Hear from Leslie Hoffman about the progress that was made and her prognosis for the future.



Leslie Hoffman, who holds a degree in architecture and design, is executive director of Earth Pledge Foundation, which she has led since 1994. Hoffman, an avid gardener, has maintained a small organic coffee farm in Hawaii since 1990.

Green Roof Plants: Design Consideration and Maintenance Implications

A common assumption is that there is no maintenance needed once a green roof is built. However, the design determines not only plant choices, but also maintenance. The relationship between the two is often ignored. This talk covers some of the most common green roof design choices such as meadow-style planting, self sowing and massing, and their implication for maintenance. Ed Snodgrass discusses representative examples from the area to highlight these choices.



Ed Snodgrass is owner and president of Emory Knoll Farms, Inc. and Green Roof Plants. Ed lectures widely on green roofs at regional, national, and international conferences. His book *Green Roof Plants, A Planting and Resource Guide* was published in fall 2006 by Timber Press.

Register for the full day: Friday, April 13

Arthur and Janet Ross Lecture Hall at the Garden

SP HRT 710 Section A: 10 a.m.–3:30 p.m.
Morning Lectures and New York City Green Roof Projects
\$75 non-members, \$68 members

Register for the morning only:

SP HRT 710 Section B: 10 a.m.–12:30 p.m.
\$45 non-members, \$41 members



Bronx County Building

Retrofitting Existing Roofs as Green Roofs: Two Case Studies

Planning for a green roof from the start seems to be easy. But what if an existing roof should be retrofitted into a green roof? Drawing from two examples, the Green Roof at Harvard University-Graduate School of Design and the ASLA headquarters in Washington, D.C. Christian Werthmann illustrates the steps to take and obstacles you might encounter on your way to greening your roof.



Christian Werthmann, Assistant Professor of Landscape Architecture at Harvard University-Graduate School of Design worked for landscape architecture offices in Germany and the U.S., including Peter Walker and Partners and Hargreaves Associates. His book *Green Roofs—A Case Study. Michael Van Valkenburg's Associates Design for the American Society of Landscape Architects' Headquarters*, will be published in summer 2007.

Afternoon: 2–3:30 p.m.

New York City Green Roof Projects presented by architects, builders and community groups, including:

Millennium Towers and Tribeca Green, Battery Park City

Jennifer Cooper of Mathews Nielsen Landscape Architects, P.C., compares and contrasts two recently completed green roofs in Battery Park City. She discusses differences in soil type and depth, roof usage, and plant materials and sizes.

Bronx County Building, Bronx

Jörg Breuning, Green roof expert and co-founder of Green Roof Service LLC, was the designer, specifier, and on-site-supervisor for this project. The Bronx County Building project represents 10,000-square-feet, state-of-the-art green roof technology—the first green roof on a City-owned building and one of the largest green roofs in New York City.

Residential Loft Building in Crown Heights, Brooklyn

Susan Boyle and Benton Brown renovated a 19th-century Brooklyn icehouse into a residential loft building, installing solar panels, radiant heating, energy-saving appliances, and a lush, 2,300-square-foot green roof. They have won more than \$100,000 in awards and grants and have begun work as consultants on other green-building projects.