

LEONARDO ACADEMY

THE SUSTAINABILITY EXPERTS®

NEWSLETTER

UPCOMING 2010 EVENTS

SEPTEMBER 28-29 - CHICAGO, IL Carbon TradeEx America

Leonardo Academy participation in
"The Walmartization of Carbon Tracking"

SEPTEMBER 30 - APPLETON, WI WGBA Northeast Member Luncheon

Featuring Leonardo Academy and its
expertise with "deep-greening"

OCTOBER 5-7 - LAS VEGAS, NV Facility Decisions Conference & Expo

Leonardo Academy pre-conference
workshop, "Keys to Unlocking Sustainable
Opportunities in Existing Buildings,"
and presentation, "The Economics of
LEED-EB"

NOVEMBER 16-19 - CHICAGO, IL Greenbuild International Conference & Expo, Chicago, IL

Leonardo Academy Booths T27 & T28

Sustainable Agriculture Standards Update

In June Leonardo Academy facilitated the third, face-to-face multi-stakeholder Sustainable Agriculture Standards Committee meeting at the University of Arkansas-Fayetteville. Leonardo Academy is the ANSI-accredited standards developer (ASD) leading the process. During the two-day meeting, Standards Committee members discussed, and then voted to approve: guiding sustainability principles developed by the Economic, Social, and Environmental Criteria Subcommittees. Principles related to farm management and planning; labor rights; biodiversity; water, soil, and air pollution; soil health, fertility, and productivity; farm inputs and outputs; and greenhouse gases will now move forward as the basis for criteria, indicators, and metrics. In addition, the Committee members approved structure and process documents designed to guide the standards development process.



"We have come a long way since our meeting in St. Charles last year," said Committee member Jim Pierce, representing the Food Trade Sustainability Leadership Association. "In addition to assuring the subcommittees that they are on the right track, we are thoughtfully addressing matters related to standard structure, as well as the development process itself, which will help to ensure successful standards writing as we continue to move forward."

Additionally, the Committee voted in favor of a timeline to facilitate the completion of the standard by the fall of 2012. "The Standards Committee and subcommittees have been working together amazingly well—way beyond my expectations," said Committee member Russell Williams, who represents the American Farm Bureau. Moving forward, the Standards Committee and chartered subcommittees will complete the remaining guiding principles and begin developing metrics and indicators to support fulfillment of the principles set forth for agricultural sustainability.

With the Sustainable Agriculture Standard development process in full force, Leonardo Academy has launched a fundraising campaign to raise the funding necessary to fully support the continued facilitation of this growing initiative. (If you would like to donate to support this campaign, please visit our website and select "Donate" at the top of the page, or give us a call.) The objective of the Sustainable Agriculture Standard is to establish a comprehensive, continual improvement framework and common set of economic, environmental, and social metrics by which to determine whether an agricultural crop has been produced in a sustainable manner. The standard will provide producers with a credible set of tools and metrics for incrementally advancing their sustainability performance, as well as a common benchmark against which to communicate their achievements.

Michael Arny, President

UPCOMING 2010 TRAINING

LIVE TRAINING:

SEPTEMBER 14 - CHICAGO, IL

OCTOBER 6 - WASHINGTON, DC

OCTOBER 19 - NEW YORK, NY

LEED® Green Associate Training

(See Page 2 for more information!)

WEBINARS:

SEPTEMBER 8

LEED Green Associate Training (6 hrs.)

SEPTEMBER 9

Integrating LEED-NC & LEED-EB

SEPTEMBER 16

LEED Green Cleaning Strategies

SEPTEMBER 21

Emissions Strategy Development

SEPTEMBER 28

Sustainable Procurement Strategies

FOR THE FULL SCHEDULE AND MORE INFO:

[www.leonardoacademy.org/training/
online-training](http://www.leonardoacademy.org/training/online-training)

Our Training Courses Expand Knowledge of Sustainability



Willis Tower, Chicago, IL - location of live training in September.

LIVE TRAINING EVENTS – LEED® GREEN ASSOCIATE

Leonardo Academy will present a 6-hour Leadership in Energy and Environmental Design (LEED) Green Associate (GA) training course in three major cities this fall: Chicago, IL (September 14), Washington, DC (October 6) and New York, NY (October 19).

What does it mean to be a LEED Green Associate? The Green Building Certification Institute's (GBCI) new LEED GA credential conveys that individuals have a basic knowledge of green building principles and practices and LEED. LEED GA is for individuals that support green buildings in their regular professional work but do not need the detailed knowledge of particular LEED rating systems that would be documented by a rating system-specific credential. Examples could include those who sell products that can contribute to LEED certification of buildings or those who sell or deliver services like green cleaning who want to have a general overall understanding of sustainable buildings and LEED.

Leonardo Academy designed this course to cover the key knowledge areas for the LEED GA exam and the information needed to be an effective participant in the green building marketplace, including what you need to know about sustainability, sustainable buildings, LEED, the U.S. Green Building Council (USGBC), the GBCI, and of course, the LEED GA Exam.

WEBINARS

Leonardo Academy delivered two free webinars in June and July on maintaining high post-occupancy building performance after LEED New Construction (NC) certification and they were both a great success! We continue to develop our webinar offerings to cover a wide

range of sustainability topics and to obtain AIA and USGBC approval for continuing education credit. Please check the Leonardo Academy website for details about the live training sessions and our weekly webinar offerings: www.leonardoacademy.org/training.html.

Update on Leonardo Academy Programs

SUSTAINABILITY PROGRAM

The Sustainability Team has launched a project to investigate the sustainability of fire suppression systems. A web page on this project will be posted soon. Tyco Fire & Building Products, a leading manufacturer of fire suppression system components and ancillary building construction products, is sponsoring this project.

Greening the Heartland 2010
May 19 to 21 • featuring **Green by Design**
7th Annual Conference • **BRIDGING**
Minneapolis Convention Center



EMISSIONS TEAM

The emissions team has been busy this summer with Cleaner and Greener® events. In May, Leonardo Academy worked with Greening the Heartland 2010 in Minneapolis to calculate the greenhouse gas and health-related emissions from the building energy use, travel, meals and hospitality associated with the event. Similarly, for GovEnergy held in Dallas, TX this

past August, we worked to not only complete an emissions inventory, but also procured offsets to make the event carbon neutral. Leonardo Academy has been helping the GovEnergy event assess and reduce its emissions since 2004.

LEED TEAM

Despite the slow economy, Leonardo Academy continues to see a strong interest in the USGBC's LEED certifications, particularly in the LEED for Existing Buildings Operations and Maintenance (LEED-EB O+M) certification. Organizations continue to seek LEED-EB O+M certification to help maximize environmental efficiencies in their facility and operations. Several clients have recently received LEED-EB O+M certification from the GBCI. Among them are the two Union Square properties in Washington, DC, owned by CIM Group and managed by Akridge, recently earned certification. The 317,845 s.f. building at 999 N. Capitol Street NE and the 323,961 s.f. building at 899 N. Capitol Street NE both earned LEED-EB O+M



The Union Square Properties in Washington, DC earned LEED-EB O+M Silver Certification. From top: the 899 and 999 N. Capitol Street NE buildings.

Silver Certification in June. Visit Leonardo Academy's website for more case studies.

LEONARDO ACADEMY'S LAND MANAGEMENT PROGRAM AND VALLEY RIDGE PRESERVE

Work continues at the Valley Ridge Preserve. This summer we cleared brush from Conservation Reserve Program (CRP) fields and continued the battle against invasive species. For example, a Norway Maple by the house was cut down to prevent invasion of the preserve by this species. The pines that have protected the initial growth of the oaks that were planted 30 years ago are being removed from the two oak/pine plantations to allow the oaks to reach their next stage of maturation. In the the three-year-old prairie in field 4, prairie grasses with seed heads are present for the first time. This fall we will be preparing fire breaks for the spring burning of prairies and savannah areas.

SUSTAINABILITY STANDARDS DEVELOPMENT

Significant progress was made for the Sustainability Standards Development Team.

The third face-to-face meeting of the multi-stakeholder Standards Committee that is working to develop an American National Standard for Sustainable Agriculture was a great success. (See article on page 1.)

We also announced a call for applications to develop a standard for Sustainable Organizations (LEO-1000). This committee will develop an ANSI standard that defines what makes a company or organization sustainable and how to measure and document the

level of sustainability achieved. The standard will also define the process for third-party verification of sustainability achievements.

Finally, the sustainability committee work on drafting the Emission Inventories, Reduction Credits and Offsets Standard (LEO-5000) and Sustainable Gaming Standard (LEO-8000) is progressing smoothly.

2010 Valley Ridge Preserve Celebration

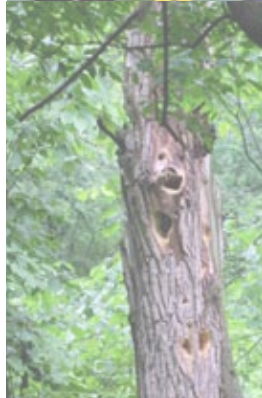
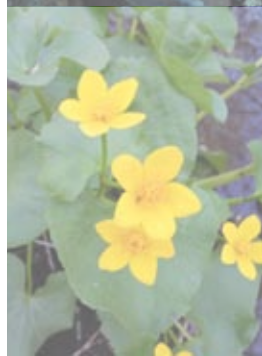
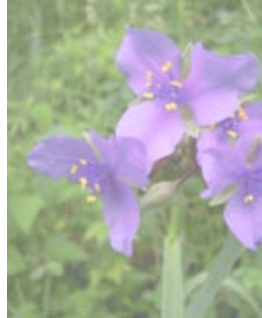
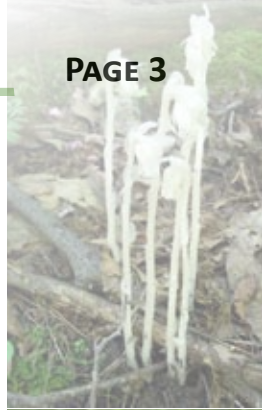
Leonardo Academy will host its third annual Fall Celebration at the Valley Ridge Preserve on Saturday, September 25, 2010. Please join us to celebrate the accomplishments and collaborations of the past year. The event will include lunch, a short presentation by our president, Michael Arny, and the installation of a plaque honoring the donation of the property to Leonardo Academy by Edith and Deane Arny. Those attending will also have the opportunity to tour the valleys, ridges,

fields and forests that exemplify Leonardo Academy's collaboration with various federal, state and local agencies to advance sustainable land management practices. These agencies are being invited to make short presentations on their programs for landowners. The event is free, but please consider supporting this program with a donation.

If you have questions or would like to attend, please call 608-280-0255 and ask for Barb or Betsy.



View from the Valley Ridge Preserve in Richland County, WI.





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PHOTOS TAKEN
AT THE VALLEY
RIDGE PRESERVE
BY BARB
MCCABE
FROM TOP:
INDIAN PIPE,
SPIDERWORT,
FERN FIDDLE
HEAD, WILD
MUSHROOMS,
MARSH
MARIGOLD,
TREE HOLES
FROM PILEATED
WOODPECKER

MAKE A DONATION! VISIT WWW.LEONARDOACADEMY.ORG/DONATE

Leonardo Academy greatly appreciates you participating in our work by making a charitable contribution. Your tax deductible contributions help support Leonardo Academy's work to improve the environment, increase energy efficiency and promote sustainability. Leonardo Academy Inc. is a charitable 501(c)(3) nonprofit organization. Your contributions are tax deductible to the full extent allowable by law.

FAREWELL TO OUR FIRST SUSTAINABILITY FELLOW

Carol Arny was Leonardo Academy's first Sustainability Fellow. The Sustainability Fellowship Program is designed to produce in-depth sustainability projects and research that advance sustainability. Carol's focus was the Valley Ridge Preserve. In the office she developed plans for the preserve's future. In the field she made significant headway in the eradication of invasive species and improvement of the savannah. Leonardo Academy appreciates Carol Arny's work for the Valley Ridge Preserve over the last year. We wish her well as she returns to teaching high school science in Ohio.



*Carol Arny
maple tapping
last March at
the Valley Ridge
Preserve.*