

STEWARDSHIP NEWS

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Making Money Matter: The Business Value of Environmental Stewardship

Making money *and* caring for the environment, that can't be real, can it? Yes it can, but only when you start thinking differently about environmental stewardship.

By Kevin A. Fletcher

Whether it's at home, on the golf course, in your businesses, or at your school, more and more people have come to recognize the business value of environmental stewardship. People are taking voluntary steps that not only help the environment, but also make or save them money.

Make your green be green

The first step to linking a healthy environmental commitment with a healthy ledger is to conduct a site assessment. Find out where you're spending your financial resources. What are your greatest costs—energy, waste, resource selection? Once you do this you can begin to take actions that impact your green (financial) and the earth's green (nature).

Ask yourself: What are the resources that you use? Are they all necessary or are there ways to reduce the cost of resource use while still maintaining customer satisfaction, quality of life, etc.? How can you spend your money more efficiently or more effectively?

Here are several areas where resource savings can have a significant impact on the environment and your bottom line.

- **Consider your energy costs.**—During the 1970s energy crunch, Americans paid attention to reducing their energy use through conservation. Thirty years later, there's a misperception that all of those "easy" ways to reduce energy usage have been exhausted. This is not true. The United States uses more energy than Western Europe and Central and South America combined—with 6% of the world's population we consume 30% of world's energy. This is not sustainable, nor is it economical.

Consider simple steps, like replacing

light fixtures and worn out electrical equipment with high efficiency models (e.g., air conditioners, televisions, clothes washers and dryers). Studies have shown that investing in high efficiency energy upgrades can be less risky, with a higher return, than investing money in the stock market—especially these days. Consider these points:



Naturalization and conservation activities coordinated between The Landings Club residential community and six golf courses in Savannah, Georgia, has resulted in savings of \$50,000 yearly in pesticides, fertilizers, and labor. The club has raised a total of \$69,000 in support of ACSP projects from a yearly Audubon Sanctuary golf tournament, sale of a Skidaway Island Wildlife Guide developed and produced by the club, and solicited donations. All six courses have achieved ACSP certification.

- Lighting in commercial buildings accounts for 40% of electricity costs.
- Energy-efficient lighting upgrades can reduce bills by 35%–40% per year.
- 90% of the energy of an incandescent bulb is lost in heat.
- **Are there ways to better manage your water use?**—Look at your entire site to

find "leaky" investments. Do you pay for the water you use to irrigate and maintain your lawn and landscape? By paying attention to where and how you use water, you'll save money from washing down the drain.

First, eliminate non-targeted watering to sidewalks, pathways, or ponds by ensuring that your irrigation system is designed correctly and functioning properly. Incorporate evapotranspiration and weather data into your irrigation schedule. How often have you seen a sprinkler system

watering a home or business lawn while it's raining? If you have an automatic system, turn it off when rain is anticipated.

Consider ways to build in a water capture and reuse system to store stormwater—a simple rain barrel can offset irrigation supplies for homeowners, while a system

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Dear Members:

A new year has begun and I thank all of you for making a commitment to the environment by participating in Audubon International programs. This is a special note to let you know that we are truly here to help you with your environmental questions, problems, projects, and program certification. Please feel free to call or email us. *We want to help you be successful!*

We also encourage you to make Audubon certification a priority in 2003. It is not as hard as you might think! If you're not sure what you need to do, give us a call and we'll help you get on track.

Again, thanks for your support and best wishes for a great year ahead!

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Making Money Matter: The Business Value of Environmental Stewardship

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of drainage pipes with a storage pond can work well for larger sites. Finally, look for opportunities to save water indoors. Fixing leaky faucets, replacing older, large-gallon toilets, and installing faucet aerators can result in dramatic water savings.

- **Can you reduce chemical use?**—What did you spend last year on fertilizers, pesticides, and all of the other chemical treatments needed to maintain your property? In all likelihood, it was more than you may have needed.

According to a recent poll of golf course superintendents, nearly half of all golf courses spend over \$100,000 per year on chemical control products, while another quarter spend between \$50,000 and \$100,000 per year. By focusing on cultural practices and Integrated Pest Management programs, many courses are dramatically reducing chemical use and thus saving money. Based on preliminary evidence from ACSF golf members, it's clear that the savings can be significant—from a few thousand dollars to over \$50,000 saved in chemical costs annually. While not nearly as dramatic, the same can be true at home, work, or school.

- **Are there things you can be doing to reduce other material use costs?**—Consider what

other materials you could be reducing, reusing, or recycling. Conduct an audit of your waste stream. Where are food wastes, office and paper wastes, construction and grounds wastes, and other waste going? How might you reduce or reuse these? Do you compost and reuse that compost on landscaped areas? How can you reduce waste by operating a tighter logistics management system onsite? In the end, there are many ways to reduce, reuse, and recycle that will also save you money.

- **Are there any other ways to reduce costs?**—If you're a business, ask your insurance provider if they'll reduce your rates when you reduce your chemical risk (use). Many insurance providers are willing to consider the environmental components of any risk reduction program.

An investment worth making

All of these steps are an investment worth making. In many cases, your return on investment will easily match other projects you're considering on site. Whether participating in Audubon International programs, or other environmental initiatives, the bottom line is to *keep the bottom line in mind.*

"The bottom line is to keep the bottom line in mind."

Williamston, North Carolina, Joins Audubon International's Sustainable Communities Program

The Town of Williamston, located along the Roanoke River in eastern North Carolina, has become the second community to register in Audubon International's Sustainable Communities Program. The municipality will work in partnership with Audubon International and North Carolina State University over the next several years to assess its resources and engage citizens in enhancing the unique environmental, social, and economic characteristics of the community.



The initial site visit provides an opportunity to meet with government officials and community representatives and gain a sense of the community's strengths, weaknesses, and opportunities. (From left to right) Peter Bronski, Audubon International; Brent Knipe, Town of Williamston; Crystal Baity, Martin Country Travel & Tourism; Rick Hardy, Larry Gutski, and Debbie Reno, NC State University.

"We are excited to help Williamston on its path to a future that blends economic development with the environmental and social needs of the community," says Ron Dodson, Audubon International President. "The enthusiasm and vision shown by Wil-



Williamston's business leaders are working to help its downtown face competition from nearby commercial strips.

liamston's municipal and community leaders and citizens will be keys to the success of their efforts."

A team of staff from Audubon International and N.C. State University traveled to Williamston in October to meet with community leaders and tour the town and surrounding community. Highlights of the visit included a well-attended community meeting, informative tour of Williamston's Main Street and downtown, meetings with leaders in economic development and tourism, as well as excursions to river front parks, agricultural areas, and the county's equestrian center.

Williamston's next step in the program is to organize a steering committee to plan and direct its efforts. In the coming months, the committee will conduct a community resource assessment, build awareness, and engage a broad spectrum of people in environmental stewardship action.

Williamston, North Carolina

Population: 6,000

Communities are shaped by their unique landscapes and people, and Williamston is no exception.

The flat terrain and rich soils of the Coastal Plains have made it well suited for agriculture—most notably tobacco, peanuts, and cotton. Its downtown is still characterized by the kind of walkable main street with locally-owned businesses that many communities have lost. And its connection to the Roanoke River—just a short walk or bike ride from downtown—gives it an outstanding natural and scenic resource.



But Williamston's greatest asset is the people who live there. Those we met were fully engaged in helping the community face its economic and social challenges, while looking for opportunities to build a vibrant future for young and old alike. The Sustainable Communities Program serves as a catalyst for coordinating their efforts and galvanizing community support and action.

To find out more about the Sustainable Communities Program, contact Kevin Fletcher at kfletcher@audubonintl.org or call (518) 767-9051, ext. 26.

Turn Your Schoolyard into an Exciting Outdoor Classroom

Remember when you were in school...come springtime, distractions outside the classroom windows always seemed so much more inviting than lessons on the chalk board. But going outside for studies was a rare treat.

By Jean Mackay

Today's more innovative teachers and schools have discovered what kids seem to know intuitively: studying outside is an exciting way to learn. With a little creativity and planning, school grounds can be enhanced for use as an outdoor classroom that helps students achieve good academic performance. When classroom curriculum is integrated with regular hands-on outdoor study, students are involved learners whose direct experience helps them recall important information.

A school doesn't need to have large wetlands or woods to develop an outdoor classroom. In fact, many successful outdoor study areas have been created in small courtyards at suburban schools. The key is to choose just one or two projects to begin your effort. Once these are established and incorporated into the curriculum, you can expand each year. Take a look at your school grounds and see what opportunities are waiting for you.

Features of Outdoor Classrooms

Wildlife Food and Cover

- **Bird feeding station**—Put up a variety of feeders with different types of seeds. Kids can experiment to see what types of food birds prefer, graph which birds come most often, learn to identify different species, and study bird behavior.
- **Nest boxes**—These can be easily constructed and mounted to trees or posts to provide nesting sites for a variety of birds, including tree swallows, bluebirds, and wrens. Nest boxes give students a chance to see nesting birds up close, and learn about bird reproduction from mating to nest building, egg laying, care of young, and fledging.
- **Trees and shrubs**—There are numerous native plants which produce food for birds and small mammals. Take a closer



Start small and expand! Farnsworth Middle School in New York developed its outdoor classroom little by little each year. Now, this courtyard boasts a native plant garden and screened in butterfly house, a greenhouse, and interpretive displays for visitors.

look at the trees and shrubs on school grounds and add a few each year. Choose plants that will provide food or shelter for wildlife. Audubon International can provide you with a list, or check with local nurseries or your local Cooperative Extension.

Gardens

- **Hummingbird and butterfly gardens**—There are many flowers that attract hummingbirds, butterflies and songbirds. Plant a garden to study the life histories of insects and birds and the flowers they pollinate.
- **Native American or pioneer garden**—Bring history to life by growing Indian corn, squash, and beans, or medicinal

herbs and other plants used in early American gardens.

- **Compost heap**—Build a compost heap to demonstrate how plants break down to form soil. Food scraps, leaves, grass clippings, and other plant material make great compost that can be used to fertilize your soil.

Trees and Woodland

- **Tree growth**—Place a belt, strip of plastic, or measuring tape around a tree and mark it each year to measure yearly tree growth.
- **Tree stumps**—Use a tree stump or a cut section from a large tree trunk to study history. Sand and waterproof the stump with varnish. Then count and match the

annual growth rings with local and national events that occurred during the life of the tree.

- **Tree diversity**—Collect the seeds, acorns, and cones of various trees at school to study biology and the incredible diversity of life.
- **Living screens**—School grounds are often located by noisy roads. Plant a sound and beauty screen of fast growing trees to enhance school grounds and be part of the outdoor classroom.

Water

- **Stream and watershed**—If your school is fortunate enough to have a stream, use it to its full advantage! Learn where the stream starts and where it goes after leaving the property. Map your watershed. Study pollution sources and other threats to water quality in your community.

Rocks and Soils

- **Geology wall**—A low stone wall or rock sculpture is ideal for learning geology.



Choose projects you can maintain. Students at Montessori Community School in Virginia can easily fill the bird feeders they put up to study birds.



Connect outdoor features with your curriculum. Students at Hobe Sound Elementary School in Florida keep written observations of garden activity.

When students visit an out-of-town location, have them bring back a sample rock and add it to the wall. Compare local rocks with those from other locations.

- **Soil thermometers**—Place thermometers at different locations to measure the effects of grass and trees on soil temperature.

Study Areas

- **Amphitheater or council ring**—A shady, quiet gathering place is essential for teaching many lessons outdoors. Add benches or make seats from railroad ties or split logs.
- **Trails**—Trails should vary and provide safety and comfort for all age groups. Trails can be located through woodlands

or fields. Surfacing might consist of gravel, wood chips, or natural cover. Establish learning stations along the trail and create a trail guide.

- **Animal tracks**—Make a small mudflat or sandy plot to study animal tracks (about five square feet or larger is a good size). You can smooth the surface each afternoon before nocturnal animals become active. Kids enjoy making plaster casts of animal tracks for further study.
- **Fence row habitat**—Many environmental lessons may exist in areas adjacent to fences or borders of your school property. Look for animal trails, nests, or plants that have been spread by birds.

Audubon International has a number of fact sheets that describe in greater detail how to implement outdoor and indoor environmental education projects at school. You can find them on our website at www.audubonintl.org, click on **e-source**, then “environmental education,” or contact Jen Batza at (518) 767-9051, extension 12.

Specially Designed Wetlands Treat Golf Course Runoff

Many golf course superintendents find water quality management one of the most challenging aspects of their jobs. Success in managing water sources for golf, wildlife, aesthetics, irrigation, and overall water quality depends on having a basic understanding of factors influencing water quality and on adopting Best Management Practices (BMPs).

By Kraig Marquis

Members of the Audubon Signature Program have a special advantage of working with Audubon International to build in systems that protect water quality right from the get go. One approach to protect water quality in lakes uses a unique wetland treatment system known as a *phytozone*. In general terms, a phytozone is similar to a shallow forebay at the edge of a lake. The design is unique, however, because it integrates the treatment benefits of a detention basin and a created wetland.

Case Study: Raptor Bay, Estero, Florida

Raptor Bay is a WCI Communities, Inc. resort-class, championship golf course development with residential timeshare units and associated amenities located in Estero, on Florida's Gulf Coast. Raptor Bay Golf Club was designed by Raymond Floyd. In March of 2002 it won certification as the third Audubon International Gold Signature Sanctuary golf course in the world, meeting Audubon International's highest standards for development in concert with the environment.

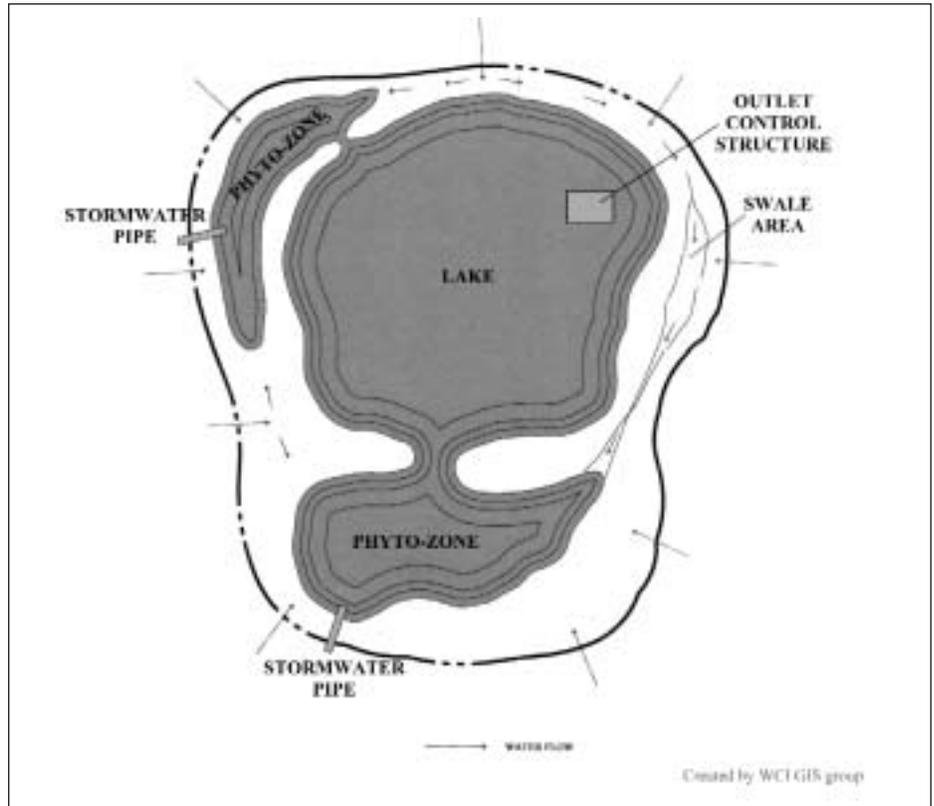


Figure 1. Diagram of Raptor Bay's phytozones



One of Raptor Bay's lakes and two smaller phytozones under construction.



When completed, the berm and gradually sloping shallow banks of the phytozones are vegetated with a variety of aquatic plants. The aquatic plants provide added water quality treatment by trapping solids and taking up dissolved nutrients.

The entire project encompasses approximately 510 acres, of which over 150 acres will remain undeveloped and preserved in perpetuity under conservation easements. This large preserve area, or *Eco-Park*, is home to an active nesting pair of bald eagles and several gopher tortoises and is planned to feature a nature trail and interpretive signs detailing the unique ecosystem.

The Raptor Bay property primarily consists of Pine Flatwoods with pockets of Cypress Strand and Xeric Oak Scrub vegetation communities. Halfway Creek, classified as a *Florida Outstanding Water*, runs through the property and drains into the Estero River and then into the Estero Bay.

Phytozones at Raptor Bay

In order to protect water quality in the created lakes on-site and water bodies downstream of the project, including Halfway Creek and Estero Bay, approximately 22 acres of phytozones, or small wetland pockets, were constructed to treat runoff from the golf course. The phytozones at Raptor Bay are characterized by a wide earthen berm that separates a shallow pool from the main body of the lake. Each is constructed to receive runoff directly from the

stormwater drainage system or from swales around the lakes (Figure 1).

Once the runoff is discharged into the phytozone by pipe or swale, it is detained before flowing into the main body of the lake. The phytozone temporarily stores and slows the movement of the runoff and therefore promotes settling of solids and attached pollutants. Vegetation planted in the phytozone takes up and filters dissolved nutrients.

The phytozones at Raptor Bay are sized to treat runoff from smaller, more frequent storm events that have the greatest potential to degrade water quality. Preliminary water monitoring results have indicated that water quality is good and that the phytozones are functioning effectively.

Phytozones can also have the added benefit of providing habitat and feeding areas for wading birds and other wildlife. Results from the wildlife monitoring program at Raptor Bay have indicated a substantial increase in the variety of bird species on the property. Surveys conducted in December 2001 and December 2002 added 22 new bird species, including nine new water-dependent birds, to Raptor Bay's bird list. Rare birds, including listed species, have been observed feeding along the lake banks and vegetated berms. These berms are especially popular because they provide additional forage area and protect the birds from predators and the occasional unknowing golfer searching for a stray golf ball.



Phytozones have dramatically increased the variety of bird species at Raptor Bay.

Take a Closer Look

Take a closer look at the nature of the place you live. What are its distinctive landscape features? Waterways and wetlands? Trees, shrubs, and flowers? Birds, butterflies, mammals, and other wildlife? The environment around us not only provides the water, air, and resources we need to sustain us, it offers each of us a unique *sense of place*.

By Jean Mackay

Across North America, the spectacular variety of life that makes each region of the country distinct is known as *biodiversity*. Yet much of our natural heritage has been diminished or lost due to increasing human demands on the land. Consider how growth and development have altered your community in the past 10 years. What has been lost? What has been gained? What would you like your community to look like 10 years from now?

Of central importance is how we act now to improve and protect the landscapes and biodiversity of the places we call home. *Treasuring home*—valuing and caring for your community's natural resources and unique landscapes—is critical to creating a healthier and more sustainable environment for the future.

Practicing good environmental stewardship in and around your home is a vital way to make a positive contribution to the quality of the environment where you live. *Take a closer look*. We suspect you'll find there's lots to care about and many environmental practices and projects you can do to *make a difference*, right now, with lasting and far-reaching benefits.



"Our home sits on a lovely lot, heavily wooded with live oak trees and native American holly. There is a 3/4-acre wetland to the south and the Currituck Sound is 1/2-mile to our east. We attended several sessions on landscaping for the coastal environment. We have planted only those things that are native or hardy to the wind and salt spray, which we get with easterly winds. North Carolina's Outer Banks are both barren and beautiful, and very, very fragile. We are blessed to live here."

—John and Martha Hall, Corola, North Carolina
Certified Audubon Cooperative Sanctuary Backyard

Tonya Condon, a licensed wildlife rehabilitator, with a Barred Owl. The Condon property is certified by the ACSP and several other backyard habitat programs.

"We live in the Adirondack Park. Our property in beautiful Eagle Lake is surrounded by old growth mixed-wood forests that are protected as Forever Wild by the State. Our wildlife habitat consists of woods, a wildflower meadow, a fern garden, an alpine garden, two butterfly/bee gardens, a grit bed, soft edge of berry bushes and fruiting trees, a new evergreen screen, and numerous natural cover areas."

—Todd and Tonya Condon,
Ticonderoga, New York
Certified Audubon Cooperative
Sanctuary Backyard



*Audubon en Español***Audubon International Translating
Guide to Environmental Stewardship into Spanish**

In an effort to better serve its Spanish and Latin American members, as well as golf courses in the United States with a significant Spanish-speaking maintenance staff, Audubon International is translating its Guide to Environmental Stewardship on the Golf Course, Second Edition into Spanish.

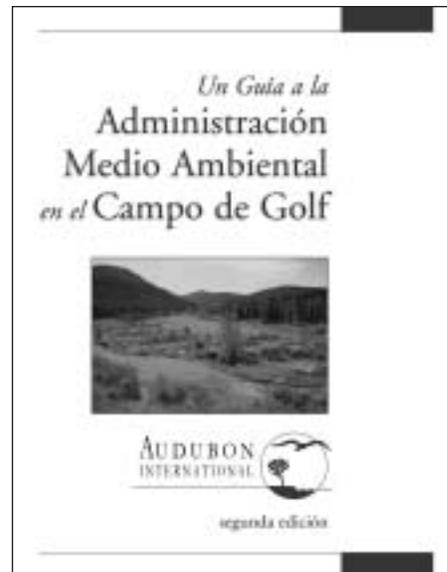
"We're seeing an increased interest from golf courses in Spanish-speaking countries," says Peter Bronski, Staff Ecologist. "And not just in Spain—throughout Central America and now in South America as well, superintendents and other golf course managers are expressing a desire to work with Audubon International to enhance their environmental stewardship."

**Conference in Spain
strengthens ties**

In mid-November Bronski traveled to Barcelona, Spain to speak at a conference on Golf and the Environment hosted by the Spanish Association of Greenkeepers. There he met with various officials, superintendents and golf course managers to share Audubon International's experience and expertise with a growing international membership.

While in Spain Bronski toured ACSP member courses Golf Sant Joan, Golf La Roqueta, and Valderrama Golf Club. Valderrama Golf Club was the first Certified Audubon Cooperative Sanctuary in Europe. "I was pleased to see a strong commitment to the environment at our ACSP courses in Spain," says Bronski. "They've established themselves as environmental leaders not only in Spain, but around the world through their dedication to the ACSP." There are currently eight courses in Spain registered in the ACSP.

Bronski also met with representatives from Ornitour, an environmental consulting group that is coordinating Valderrama's ACSP efforts, to discuss the translation of the Guide to Environmental Stewardship. "With the cooperation of Ornitour, as well as ACSP members in Costa Rica, who have generously agreed to collaborate with me on this project, we can provide a valu-



able resource on environmental stewardship in golf," says Bronski. "The demand is there—this will allow us to reach a much wider audience as well as provide a better service for our members."

The Spanish translation is expected to be completed by December 2003.

**7000 Acres in Costa Rica Designated as
Certified Audubon Cooperative Sanctuaries**

Hacienda Pinilla "Golf by the Sea" recently became the second Certified Audubon Cooperative Sanctuary in Costa Rica. Together, Hacienda Pinilla and adjacent Garra de Leon, Costa Rica's first Certified Audubon Cooperative Sanctuary, make up nearly 7,000 acres that are managed for environmental quality in the Guanacaste province. They are protecting valuable dry tropical forest and coastal habitat areas that support an incredible diversity of wildlife, including more than 100 species of birds.



Audubon International Seminars Help People Help the Environment

What are the best projects to begin involvement in the ACSP? How detailed should our Site Assessment be? How do we get people involved and promote our efforts? Who should I have on my Resource Advisory Group?

Members of the Audubon Cooperative Sanctuary Program for Golf Courses (ACSP) and others interested in getting started on environmental stewardship had a chance to get their questions answered during a number of environmental planning and environmental management seminars conducted this fall by Audubon International staff. Seminars were held in New York, the mid-Atlantic region, and Washington; while a big push for Florida involvement in the ACSP led to four full-day seminars, sponsored by the Florida GCSA and the USGA Green Section-Florida Region.

The seminars provided information and advice to help people get started or expand their environmental stewardship efforts. "Sometimes the hardest part is just taking the first step," states Joellen Zeh, Staff Ecologist. "Our goal is for participants leave the seminar with a clear plan of action and the sense that *they can do it.*"

If you would like to arrange an environmental planning seminar for your area, please contact Joellen Zeh at (518) 767-9051, extension 14, or email jzeh@audubonintl.org. A full



Over 550 people took the time to attend Audubon International workshops this fall. Here, Joellen Zeh explains how to get certified to golf course superintendents in Florida.

day *Integrated Environmental Management* seminar taught by Jean Mackay, Director of Educational Services, is offered through GCSAA. Contact GCSAA Chapter Seminar Coordinator Leann Cooper at (800) 472-7878 to request

it for 2003/04. Audubon International staff is also available via phone and email to answer any questions you have regarding projects and ACSP certification.

Useful Web Resources

As the web grows in popularity, so do the number of sites with helpful environmental information, tips, and programs. To help you wade through what's useful, we'll list a few sites that may be of interest in each issue of *Stewardship News*.

e-Source—Audubon International's newest on-line feature is up and running with environmental fact sheets on a variety of topics. Go to www.audubonintl.org and click on e-Source.

Waste Reduction—WasteWise is a free, voluntary EPA program through which organizations eliminate costly municipal solid waste, benefiting their bottom lines and the environment. WasteWise is a flexible program that allows

partners to design their own solid waste reduction programs tailored to their needs. For more information, visit the WasteWise Web site <http://www.epa.gov/wastewise/> or contact the WasteWise Helpline at 800-EPA-WISE or www@cais.net.

Green Buildings—As the environmental impact of buildings becomes more apparent, a new field called *green building* is arising to

reduce that impact at the source. *Green or sustainable building* is the practice of creating healthier and more resource-efficient models of construction, renovation, operation, maintenance, and demolition. EPA's Green Building website offers a good introduction to Green Building, plus useful resources and links for homeowners, schools, and businesses. Visit: <http://www.epa.gov/greenbuilding/>.

Visit us at the GCSAA Conference and Show

Audubon International staff will be at the GCSAA Conference and Show in Atlanta. Stop by our booth (#4983) in the Allied Association area, right next to the USGA booth.

Please join us on Friday, February 14th at 2 p.m. for **Facing the 21st Century Challenges of Golf and the Environment**. During this one hour, interactive conversation among environmentalists, scientists, and industry experts, we'll explore pressing environmental issues facing the golf industry in the 21st century.

AUDUBON COOPERATIVE SANCTUARY PROGRAM

New Members

Golf Program

Alabama

Cane Creek Golf Course, Anniston

Arizona

Mountain View Golf Course, Fort Huachuca

California

Oak Creek Golf Club, Irvine

Colorado

Golf Club at Green Valley Ranch, Denver
Maroon Creek Club, Aspen
Meadow Hills Golf Course, Aurora

Connecticut

Shennecossett Golf Course, Groton

Florida

Cypress Woods Golf and Country Club, Naples
Frenchman's Reserve, Palm Beach Gardens
Hammock Dunes-Creek Course, Palm Coast
Heritage Palms Golf & Country Club,
Fort Myers
IGM-Eagles Club, Odessa
IGM-Highland Woods Golf & Country Club,
Bonita Springs
Laplaya Golf Club, Naples
St Johns Golf & Country Club, St. Augustine

Illinois

Foxford Hills Golf Club, Cary
Tamarack Golf Club, Naperville

Louisiana

Metairie Country Club, Metairie

Missouri

Creve Coeur Golf Course, Creve Coeur

New Jersey

Navesink Country Club, Middletown

Ohio

Golf Club Company, New Albany

Oklahoma

Sugar Creek Canyon Golf Course, Hinton

Texas

C.W. Ditto Golf Course, Arlington
Rockwood Golf Course, Fort Worth

Washington

Kitsap Golf and Country Club, Bremerton

Business Program

North Carolina

Trillium Links & Lake Club, Cashiers

Ohio

Longaberger Company, Newark

School Program

Florida

Indiantown Middle School, Indiantown
Pelican Marsh Elementary School, Naples

Indiana

Chandler Elementary School, Chandler

Missouri

Crossroads Elementary, O' Fallen

New York

Rosendale Elementary School, Niskayuna

Virginia

Little Keswick School, Keswick

Backyard Program

California

Kurt Leuschner, Palm Desert

Florida

Jean McGauley, Jacksonville
Joy Wiggins, Mt Dora

Tennessee

Charlotte Lee, Cordova

Recently Certified Audubon Cooperative Sanctuaries

Golf Program

Deer Creek Golf Club at Meadows Ranch,
Littleton, CO
Hacienda Panilla, Santa Cruz, Costa Rica
IGM-Widow's Walk Golf Club, Scituate, MA
Mount Juliet Golf and Country Club,
Thomastown, Ireland
Riverbend Golf Course, Madera, CA
Stonington Country Club, Stonington, CT

Recertified Audubon Cooperative Sanctuaries

Golf Program

Lake Buena Vista Club, Lake Buena Vista, FL,
certified since 1999
Lemon Bay Golf Club, Englewood, FL,
certified since 1999
Tam O' Shanter of PA, Hermitage, PA,
certified since 1996

Business Program

Innsbrook Resort & Conference Center,
Innsbrook, MO, *certified since 1999*

AUDUBON SIGNATURE PROGRAM

Recently Certified Signature Sanctuaries

Shark's Tooth Golf Club, Panama City
Beach, FL
The Heritage at Westmoor Golf Course,
Westminster, CO
Legacy Courses at Cragun's-North Course,
Brainerd, MN

Re-certified Signature Sanctuaries

Colbert Hills, Manhattan, KS,
certified since 2001
Old Collier's Golf Club, Naples, FL,
certified since 2001
Tierra Verde at the Reserve & Martin Luther
King Jr. Sports Center-Phase I, Arlington, TX,
certified since 2000
Haymaker Golf Course, Steamboat Springs, CO,
certified since 2000

AUDUBON COOPERATIVE SANCTUARY SYSTEM OF CANADA

New Golf Members

Quebec

Club de Golf le Fontainebleau, Blainville
Grand Portneuf-Pont-Rouge, QC
Lac Megantic-Lac-Megantic, QC

New Business/Corporate Property Members

Ontario

Williamsburg Cemetery, Kitchener

Newly Certified Audubon Cooperative Sanctuaries

Ontario

Sawmill Golf Club, Fenwick

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STEWARDSHIP NEWS

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The Audubon Cooperative Sanctuary System (ACSS) and the Audubon Signature Program provide environmental education and technical assistance to facilitate voluntary environmental stewardship on private and public lands.

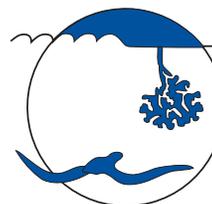
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