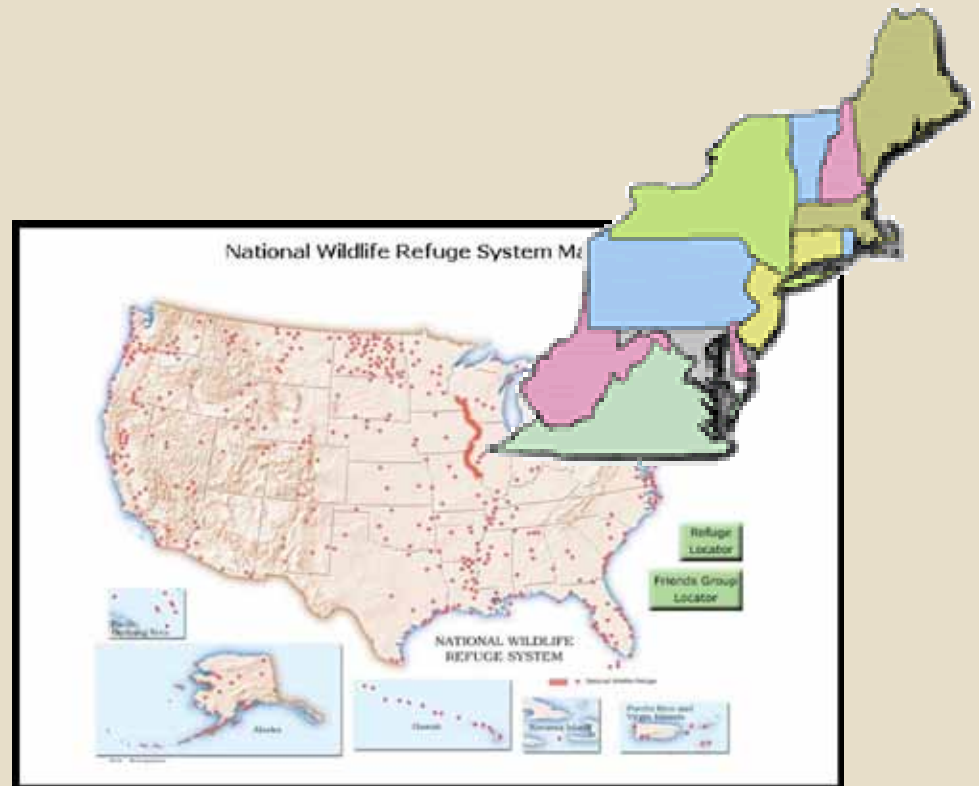


# Maryland: uniquely positioned

- State
- Regional
- National



# Federal employees

- Over 400,000 in MD communities
- Looking for local “best practices”



# Department of the Interior



- National Park Service

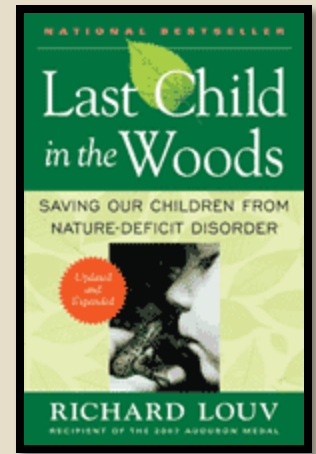


- U.S. Fish and Wildlife Service



# Nature Deficit Disorder

- Author Richard Louv
- Last Child in the Woods
- Concerns about health and well being of children, expand potential partners
- Suggestions for transforming our communities





“As a matter of policy, the conservation services should view the child-in-nature as an endangered species, an indicator species of the future -

because if the young are not bonding with nature now, who will care about refuges in the future?”

-Richard Louv, 2007

# Youth in the Great Outdoors

- Next generation of conservation leaders
- Goal: increase youth employment by 50%





Sara Focht (+)  
Outreach specialist



**get out**



*Student samples invertebrates in an Indiana stream*

**Outdoor Nation**  
Outsiders from Outdoor Nation will join together for the world's first two-day Outdoor Youth Summit and Festival in New York City's famed Central Park. (+)

[Locate Events](#)

**get smart**

[Explore Education Resources](#)

[Agency Programs](#)

**I Want to Be a Ranger**  
Online activity to find the National Park Service job for you. (+)

**Conservation Leaders for Tomorrow**  
A national program for upper class and graduate level natural resource students. (+)

**Rock stars**  
Learn to identify rocks. (+)

[Explore Resources](#)

**get a job**

[Find YGO federal student positions](#)

[Explore employment programs](#)

**Upcoming employment events**

[July 12-17 - LULAC National Convention & Exposition - Albuquerque, NM](#) (+)

[Sept. 8-11 - National Association of Black Geologists and Geophysicists - San Antonio, TX](#) (+)

[Sept. 30 - Aug. 3 - Hispanic Association of Colleges & Universities - San Diego, CA](#) (+)

[Find Employment](#)

Youth in the Great Outdoors is a program by the United States Department of the Interior

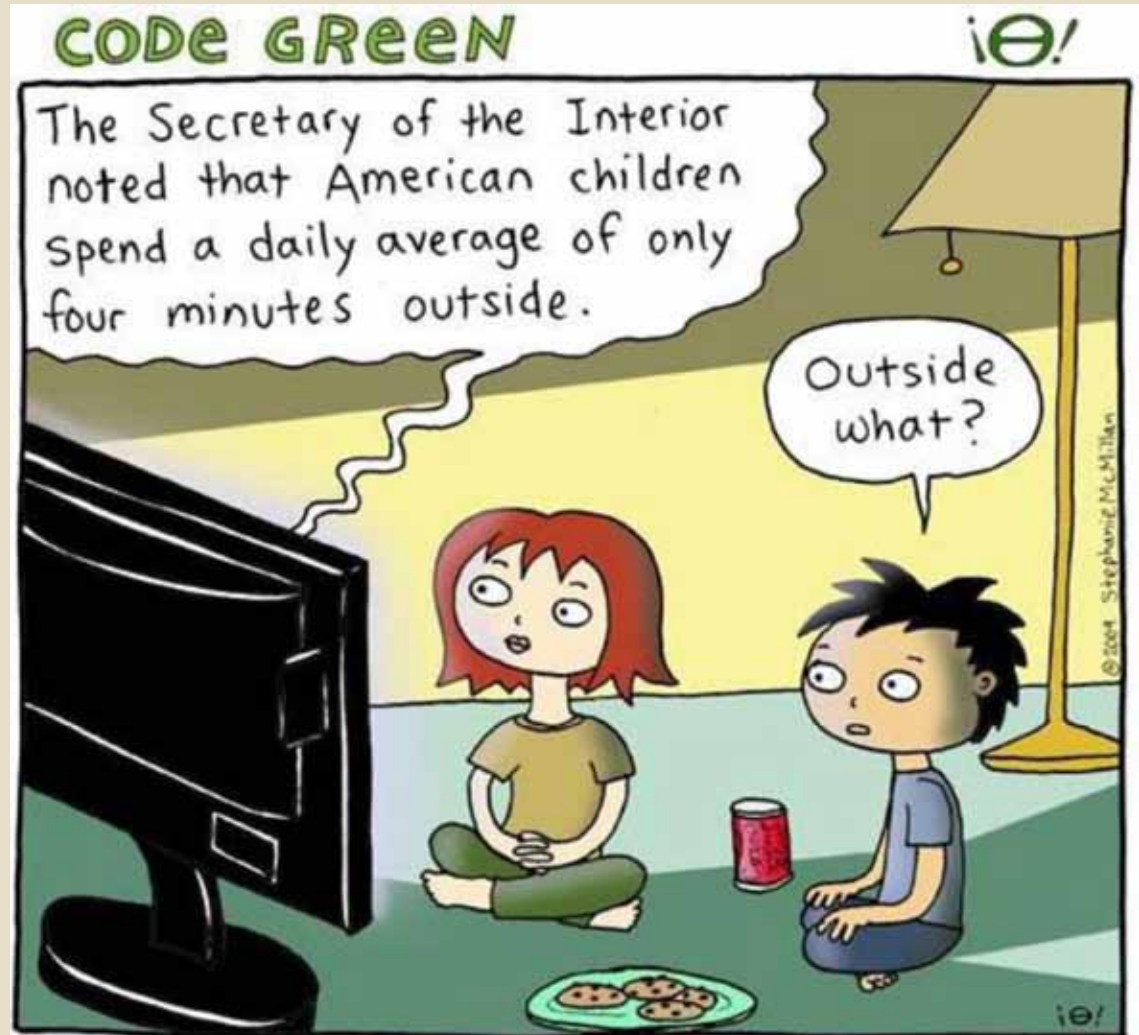
[About the Program](#) | [Youth Profiles](#) | [Youth Employment Programs](#)





# Youth in the Great Outdoors

- Educate
- Engage
- Employ





# Let's Move!



- FLOTUS
- Let's Move Outside

**U.S. Fish & Wildlife Service**  
**Let's Go Outside!**

Office of External Affairs

Search

**Learn More**  
[Kids](#)  
[Educating for Conservation](#)  
[Parents](#)  
[Educators](#)  
[Health Community](#)

**Did you know?**  
Did you know that nature is good for your health? Emerging research shows that children who feel connected to nature have better physical, mental, and emotional health. Nature also improves student learning. And sharing the outdoors together can build strong family bonds and create life-long memories.

**What Can You Do?**  
Go outside and connect a child to the wild!  
Spending time outside is fun for the whole family. And it doesn't have to be somewhere far from home. It can be simple and safe.

- Take a walk in the woods
- Lie on your back in your backyard and watch the clouds roll by
- Turn over rocks in a stream and look for critters
- Catch lightning bugs
- Climb a tree
- Fish at a local pond
- Draw a picture of a tree and all the animals that live in it
- ...

**Let's Go Outside!**  
Helping Families Connect With Nature

*"If a child is to keep alive his inborn sense of wonder, he needs the companionship of at least one adult who can share it, rediscovering with him the joy, excitement and mystery of the world we live in." - Rachel Carson*

**Hispanic Heritage Month**  
The month of October is ideal for everyone to go outside and connect with the outdoors. This month, we as a nation also observe Hispanic Heritage Month, September 15 – October 15, 2008. During this observance, we honor the many accomplishments of Hispanic Americans and recognize their exemplary contributions to America. The national theme is "Getting Involved: Our Families, Our Communities, Our Nation."

**Celebrating Monarch Butterflies**

Cover of Fish and Wildlife News Special Children & Nature Edition. Credit: USFWS.

PLAY AUDIO (To download, right click and select "Save Target As")

News Release

Credit: USFWS

# National Park Service

- Park Prescriptions
- Jr. Ranger programs lead by SCA interns
- A Trail to Every Classroom

The screenshot shows a PDF document titled "A TRAIL TO EVERY CLASSROOM" in a blue-bordered window. The title is in large, bold, serif font. Below the title is a subtitle: "A Place-Based Professional Development Workshop Series Connecting Communities Along the Appalachian Trail Promoting Volunteerism, Conservation Values, and Healthy Lifestyles Among youth". The document contains several sections: a quote from a 2006 TTEC Alumnus, a photograph of people hiking, a paragraph about the significance of the Appalachian Trail, a paragraph about the program model, and a section on evaluation methods.

**A TRAIL TO EVERY CLASSROOM**  
A Place-Based Professional Development Workshop Series Connecting Communities Along the Appalachian Trail Promoting Volunteerism, Conservation Values, and Healthy Lifestyles Among youth

"It's changing an entire system of thinking, from the teachers down to the kids." - 2006 TTEC Alumnus, Educator

The significance of the Appalachian Trail is not its length but its story of civic engagement in preserving a recreational, natural, cultural, spiritual, and now, educational, resource for individual challenges and dreams through the efforts of local citizens. Visited by approximately four million people each year and located within a day's drive of one third of the nation's population, this emblematic American icon traverses 14 states and 174 school districts from Georgia to Maine. Our unique Cooperative Management System engages more than 100 public and private partner organizations and over 5,500 volunteers.

The Appalachian Trail Conservancy and the National Park Service developed A Trail to Every Classroom - a multi-disciplinary professional development program for K-12 teachers that uses the Appalachian Trail as an

**Program Model**

- Annual Planning & Recruitment

Target locales are selected based on partner interest, facilities, in-kind and funding opportunities.

The page contains text from a report. It includes a section on "Evaluation Methods" which mentions an evaluation by PEER Associates, Inc. in 2007. It also includes a section on "Summary of Key Evaluation Findings" which discusses the implementation of TTEC curriculum. There is a photograph of a forest path on the left and a map of the Appalachian Trail on the right.


**Evaluation Methods**

The evaluation of the 2006 institute was conducted by external evaluators from PEER Associates, Inc. In 2007, we now seek to understand several aspects of the TTEC program, including curriculum implementation, factors contributing to or creating successful implementation, and impacted on knowledge of and interest in the Appalachian Trail. TTEC staff identified educators and city partners at varying degrees of TTEC implementation to participate in the evaluation. Seven projects presented by both educators and community partners.

**Summary of Key Evaluation Findings**

TTEC summer institute participants are implementing TTEC to varying degrees ranging from limited inclusion in curriculum to large projects.

Successful implementation of TTEC curriculum is influenced by a range of factors including the educator/community partner relationship, administrative support, personal commitment to the project, and available time and resources.



PEERAssociates.com

pg 1



**nps.gov**  
(home)

National Park Service  
U.S. Department of the Interior

search

Search this park  
 Search nps.gov

## Potomac Heritage

National Scenic Trail  
District of Columbia, Maryland,  
Virginia, Pennsylvania



**PARK HOME**

PLAN YOUR VISIT

PHOTOS & MULTIMEDIA

HISTORY & CULTURE

NATURE & SCIENCE

FOR TEACHERS

PARK MANAGEMENT

SUPPORT YOUR PARK

PARK NEWS

Español

Site Index

Frequently Asked Questions

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**Quicklinks:**

**Directions**

**Operating Hours & Seasons**

**Fees and Reservations**

**Firmans Law Information**

**NPS Trail Office Activities**

**Report Fiscal Year 2010**

**Experience the Corridor of Commerce First Imagined by George Washington**

The Potomac Heritage National Scenic Trail is a network of locally-managed trails between the mouth of the Potomac River and the Allegheny Highlands. Through five geographic regions, the varied Trail segments are a means to explore the origins and continuing evolution of the Nation. To date, 820 miles of existing and planned trails have been recognized as segments of the Trail network.

**Explore the diversity of the Trail corridor: Some ideas for travel & outdoor recreation**

A [click here](#) will take you to a suite of travel itineraries associated with various Trail segments. Developed through consultations with staff of agencies and organizations throughout the Trail corridor, the site is a portal to the Trail network and a wide range of outdoor experiences.

**A Hiker's Guide to the Potomac Heritage Trail**

[Click here](#) to access the first edition, completed in early




**Making America's Best Idea Even Better!**

Oct 06, 2010 | Categories: C&O Canal | Tags: Bicycling, History, Museum/Visitor Center

## A Gourmet Picnic in the Lockhouse



See the inside of a rustic lockhouse—at midnight—in historic Lockhouse 6, enjoying the solitude and solitude a lockkeeper's family did. With a stop in Potomac, pack in provisions for a memorable candle-lit meal. Upstream from Lockhouse 6 are [...]

Oct 06, 2010 | Categories: C&O Canal | Tags: Bicycling, Camping, Hiking, History | Leave a comment

## Birding By Day, A Night In Pennyfie



Enjoy what many say is the best birding at night—spend the night in a Canal Quarters at Pennyfie. A hike across the canal from where President Cleveland hiked offers sweeping views and birding opportunities. The quarters hugs close to rocky cliffs that tumble into the canal.

Done



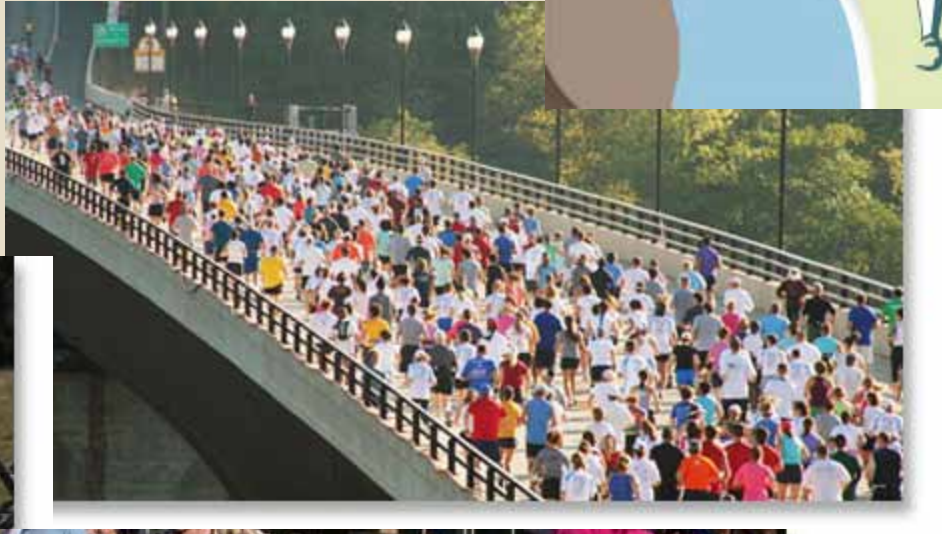
Done



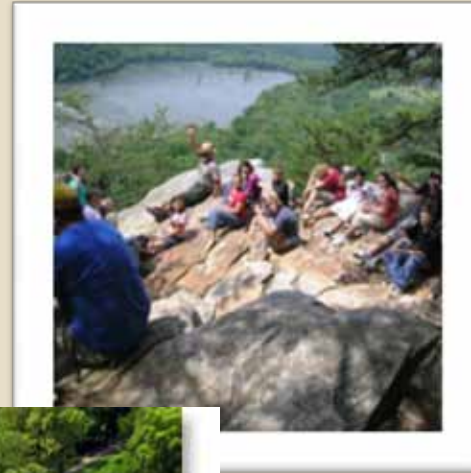


# Freedom's Run

- 26 miles through 4 National Parks



# Tigers on the Trail





# U.S. Fish & Wildlife Service Northeast Region

Conserving the Nature of America



Thursday,  
October 28, 2010

## ABOUT THE NORTHEAST REGION

### WILDLIFE AND HABITAT

- Coastal Zones
- Environmental Contaminants
- Endangered Animals and Plants
- Wetlands
- Fish, Wildlife & Plants

### NEWSROOM

- Northeast Newsroom
- Multimedia Archive
- Nationwide News Publications
- Federal Register
- Conservation Library
- Picture Library

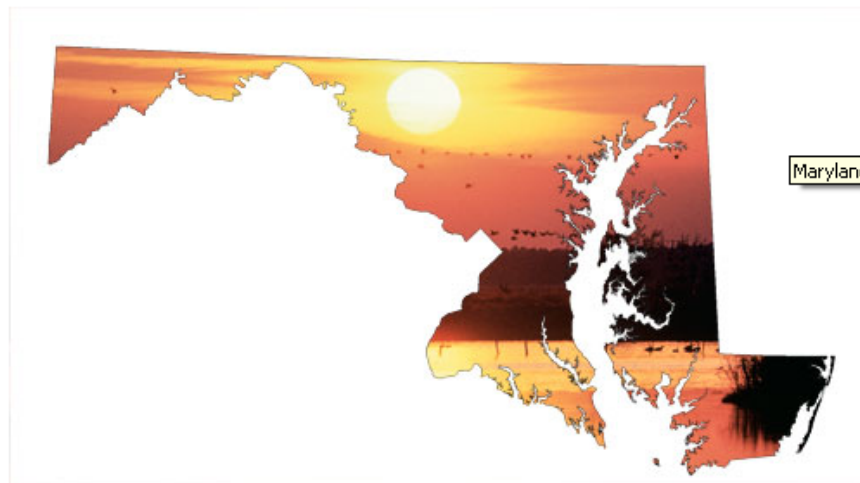
### CONNECTING WITH NATURE

- Connecting People with Nature
- Let's Go Outside! Just for Kids

### MANAGEMENT

- Ecological Services
- Wildlife and Sport
- Fish Restoration
- Field Reports
- Fisheries

## Maryland



### Ecological Services Offices

- ★ Chesapeake Bay Field Office

### Fisheries Offices

- ★ Maryland Fishery Resources Office

### Law Enforcement Offices

- ★ Maryland Law Enforcement

### Refuges and Wildlife Offices

- ✈ Blackwater National Wildlife Refuge
- ✈ Eastern Neck National Wildlife Refuge
- ✈ Glenn Martin National Wildlife Refuge
- ✈ National Wildlife Visitor Center
- ✈ Patuxent Research Refuge
- ✈ Susquehanna National Wildlife Refuge





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## Connecting with the Natural World



Parents



Educators



Children



Resources Near You



Learn More

### Children and nature...

What does it mean to be connected with nature? The feel of grass beneath your feet, the rain on your face or even the sensation of beach sand running through your fingers - all of these things are part of our relationship with nature. When was the last time you went outside to simply sit and listen to a morning chorus of birds or to the steady rumble of wood frogs in some distant forest pool? For many of us these experiences are simply brief escapes, moments of peace in an otherwise busy and stressful day, but for our children these moments are the world. Taking the time to introduce our children to nature and to educate them about the wonders of the environment they live in allows them to develop a sense of place, an understanding of the natural world that will continue to teach and inspire them for a lifetime.

As a society we are losing our connection to nature. Studies have shown that the time we spend outside helps to alleviate stress while also providing benefits to our mental and physical health. Even just taking five minutes a day to engage with the natural world can significantly impact a person's quality of life. Children, as well as adults, benefit from time outdoors. Youth who are given a chance to interact with nature on a regular basis

### Featured Programs



# Duck Stamp Program

*Conservation through the arts*



# Refuges

Map of Maryland



[Back to NWRS Home Page](#)



Squirrels have long tails to help them maneuver quickly without falling. It's like holding a stick sideways when on a balance beam.



Hop up on the balance beam and see how good your balance is. Do you wish you had a tail like a squirrel?





http://www.fws.gov/chesapeakebay/BayScapes/bsexamples/bb-cbfgarden.htm

Maryland offices of the Next... BayScapes



## Conservation Landscaping

**BayScapes Home**

**Why BayScape?**

**Choosing Plants**

**How to . . .**

**Plant Lists**

**Finding Natives**

**Other Web Resources**

**BayScaping Examples**

**CBFO Home**

### Chesapeake Bay Field Office Annapolis, Maryland

The BayScapes garden we installed at our office building in June, 1997 is much more interesting to look at than the grass it replaced. It also attracts a variety of birds, including goldfinch, cardinals, chickadees and titmice. Big enough to include a small trail, the garden makes for a pleasant transition to and from the parking lot.

<p><b>The Design</b> Click on any of the below images to view them at a larger resolution.</p>	<p><b>Project Photos</b> Click on any of the below images to view them at a larger resolution.</p>
<p><b>The Concept Plan</b></p>  <p><b>Zone A</b></p> 	<p><b>Ground Prep</b> A sod cutter helps remove the turf.</p> 
<p><b>Planting Complete!</b> The area has been beautifully transformed, with interesting colors and textures replacing most of the grass.</p>	

Done Trusted



# Bayscaping

## BayScapes

*Conservation Landscaping*

### Native Plant Guides

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- [For Maryland](#)
- [For the Chesapeake Bay Watershed](#)

--Also see our guide to [Invasive Plant Species](#)--

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For Maryland Only:

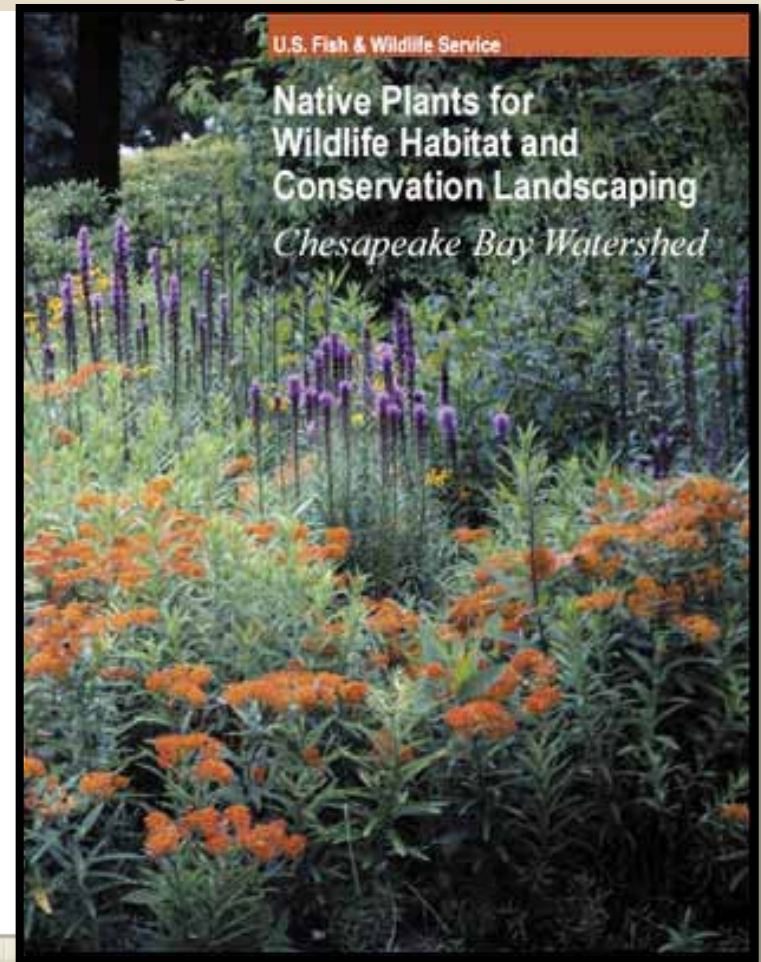
Legend

- Chesapeake Bay Watershed
- Coastal plain
- Piedmont
- Mountain

- [Maryland Mountain region](#)
- [Maryland Piedmont](#)
- [Maryland Coastal Plain](#)

For the entire [Chesapeake Bay Watershed](#):

- [Native Plants for Wildlife Habitat and Conservation Landscaping: Chesapeake Bay Watershed.](#)





# Schoolyard Habitats





# Chesapeake Bay Field Office

U.S. Fish & Wildlife Service  
Chesapeake Bay Field Office  
Northeast Region

Thursday, October 28, 2010

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WILDLIFE & HABITATS  
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Submerged Aquatic Vegetation (SAV)  
Wetlands

WHAT WE DO FOR YOU  
Landscape  
Chesapeake Bay Coastal Program  
Endangered Species Program  
Environmental Contaminants  
Partners for Fish and Wildlife  
Schoolyard Habitat  
Stream Restoration

Looking for a report? Visit our [stream publications page](#).



**Stream Restoration**

*Still glides the stream, and shall forever glide; the form remains, the function never dies*  
William Wordsworth, The River Duddon, 1832

**Streams Bring Life to a Watershed**  
The Chesapeake Bay watershed includes all the land, rivers, creeks and streams that drain into the Chesapeake Bay. There are more than 100,000 miles of streams and creeks in this watershed and virtually everyone living here lives within a half-mile of a stream or creek that eventually flows into the Bay.

Streams shape our landscape. Flowing water transforms land features, transporting and depositing soil from one place to another. Deposited onto a floodplain, these mineral-rich soils are highly prized as farmland. Streams are an important source of freshwater for our reservoirs.

*Like capillaries bringing blood and nutrients to vital organs in a body, streams are the lifeblood of a watershed.*

*Streams flow over and through the landscape, carrying water, nutrients, detritus (decaying organic matter), organisms and, in some cases, pollutants downstream to larger bodies*

Trusted sites 100%

Myersville Stream Partners:

- Chesapeake Bay Foundation
- Fish and Wildlife Service
- Town of Myersville
- Monocacy and Catoctin Watershed Alliance
- Trout Unlimited
- Highlands Action Program
- Many volunteers!!

# National Conservation Training Center





## Potomac Valley Audubon Society

*...people dedicated to preserving, restoring  
and enjoying the natural world  
through education and action.*



Check out the [latest calendar of events](#) to keep informed about all the many PVAS activities.

Birdseed orders can be picked up November 6.



Co-sponsored with  
program will be at  
NCTC. The topic  
will be Craig St.  
Species Coordinat





# THE CONSERVATION FUND

*America's Partner in Conservation*

Our Sites

- Who We Are
- How We Work
- Where We Work
- What We Do
- Support Us
- Contact Us
- News | Email Sign-up | Con...



## Spotlight - Training



The Conservation Leaders announces the following of 2010:

- Strategic Conservation Using the Green Infrastructure Approach
- Balancing Nature and Communities that Ne Public Lands

## Leave a Lasting Fo

Home » What We Do » Training & Education



- Awards & Grants
- ▶ Climate Change

## Conservation Leadership Network



*"To practice together in the future, we must learn together today."*

Across the country, corporate and community leaders seek conservation solutions that benefit both the economy and environment. From tourism to transportation, commercial growth to community development, conservation plays an increasingly strategic role — and collaboration is key.



- **Balancing Nature and Commerce in Communities that Neighbor Public Lands**
  - **Basic Training with Land Trust Executive Directors**
  - **Compatible Land Use Planning around Military Installations**
  - **Conservation Easements Stewardship**
  - **Conservation Options: The Land Protection Toolbox**
  - **Conserving Land with Conservation Easements**
  - **Diversity & Conservation: A New Model for the 21st Century**
  - **GIS Tools for Strategic Conservation Planning**
  - **Strategic Conservation Planning Using a Green Infrastructure Approach**
  - **The Practice of Environmentally Sensitive Development**
  - **Strong Organizations: Fundraising and Stewardship Costs**
  - **Vision and Values with Peter Forbes**
- 
- **DISTANCE LEARNING OFFERINGS:**
  - **How to Start a Sustainable Tourism Program Broadcast**
  - **Building Partnerships Satellite Workshop**
  - **Keys to Success in Communities that Neighbor Public Lands Broadcast.**
  - **The Practice of Environmentally Sensitive Development ONLINE Course**



## National Green Infrastructure Conference 2011

- **February 23-25, 2011 in Shepherdstown, WV Join Us!**  
To hear nationally recognized speakers from across the country discuss key elements for success and vital lessons-learned. Be part of developing the strategy for the future of green infrastructure!

## Strategic Conservation Planning Using the Green Infrastructure Approach

- **March 21-15, 2011 in Shepherdstown, WV**  
Green Infrastructure is our Nation's natural life support system - an interconnected network of natural lands and other open spaces that conserves ecosystem values and functions and provides associated benefits to human populations.



# Likely suspects, common goals



“Why should I care about future generations, what have they ever done for me?”

- Groucho Marx

