

## WAY E-NEWS

A coalition of stakeholders committed to being innovative leaders  
encouraging watershed-based planning, restoration and protection



December 6, 2010

A PUBLIC-PRIVATE PARTNERSHIP

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#### WATERSHED CONTACTS

COUNTY PLANNING – (717) 771-9870  
CONSERVATION – (717) 840-7430

- Agricultural conservation planning
- Environmentally sensitive dirt & gravel road maintenance
- Environmental stewardship and watershed protection
- Erosion & sediment control
- Stormwater complaints

24-HR EMERGENCIES – (877) 333-1904

- Chemical and oil spills from transport trucks, trains and industrial facilities

ENVIRONMENTAL – DEP-SCRO

- General Info 717-705-4700
- Director SCRO 717-705-47047
- Air Quality 717-705-4702
- Energy & Technology 717-705-4703
- Environmental Cleanup 717-705-4705
- Mining (800) 541-2050
- Radiation Protection 717-705-4704
- Waste Management 717-705-4706
- Water Supply Management 717-705-4708
- Water Management 717-705-4707
- Watershed Management 717-705-4704

FISHERIES – (800) 541-2050

- Wildlife (fish, reptiles, amphibians) nuisance problems or to report violations

GAME & WILDLIFE – (888) 742-8001

- Wildlife (mammals or birds) to report violations or nuisance problems

ILLEGAL DUMPING

- Illegal dumping on state forest and park lands (877) 772-3673

• Illegal dumping York County 840-7687  
MUNICIPAL (Phonebook Blue Pages)

- Air pollution by burning household garbage
- Dumping waste in surface waters
- Floodplain disturbances
- Municipal and residential septic/sewage problems
- Stormwater management

NOXIOUS PLANTS – (717) 772-5209

RECYCLING – (717) 845-1066

WETLANDS – (717) 249-2522

Updated 8/17/2010

## WATERSHED ALLIANCE NEWS

### [Ag Land Preservation Board of York County](http://www.york-county.org) - [www.york-county.org](http://www.york-county.org)

<> For information about farmland preservation in York County contact Patty McCandless at [pmccandless@york-county.org](mailto:pmccandless@york-county.org) or call 717-840-7400.

### [Carroll Citizens for Sensible Growth](http://carrollcitizens.com/) - <http://carrollcitizens.com/>

<> Contact: Deana Weaver at (717) 432-2211 or [admin@carrollcitizens.com](mailto:admin@carrollcitizens.com)

### [Codorus Creek Watershed Association](http://www.codoruscreek.net) - [www.codoruscreek.net](http://www.codoruscreek.net)

- Jan 10 – CCWA Meeting of Members and Board, 7:00 pm, at York Water Co. (Mt. Rose Ave.)

<> Contact: Jim Leaman at 843-2929

### [Codorus Endowment Implementation Committee](http://www.yccf.org) - [www.yccf.org](http://www.yccf.org)

### [Codorus State Park](http://www.dcnr.state.pa.gov) - [www.dcnr.state.pa.gov](http://www.dcnr.state.pa.gov)

### [Conewago Canoe Club](http://www.conewagocanoecub.org) - [www.conewagocanoecub.org](http://www.conewagocanoecub.org)

- Jan. 6 – Club Meeting – Mount Zion United Church of Christ, 7:00 pm, at Ridgewood Road in Pleasureville
- Red Lion High School Paddling Instruction Schedule online

<> Questions or comments e-mail me [oc1mike@comcast.net](mailto:oc1mike@comcast.net), but remember you catch more flies with honey than vinegar.

### [Deer Creek Watershed Association](http://deercreekwatershed.com/) - <http://deercreekwatershed.com/>

<> Contact Lee McDaniel at [ldmcdaniel@aol.com](mailto:ldmcdaniel@aol.com).

### [Farm & Natural Lands Trust of York County](http://www.farmtrust.org) - [www.farmtrust.org](http://www.farmtrust.org)

<> Contact: Sean Kenny at Farm & Natural Lands Trust of York County • 156 North George Street • Suite 300 • York, PA 17401 • Phone (717) 843-4411 • Fax (717) 854-7452 or [skenny@farmtrust.org](mailto:skenny@farmtrust.org)

### [Friends of Codorus State Park](http://www.friends-of-codorus.org/) - [www.friends-of-codorus.org/](http://www.friends-of-codorus.org/)

<> For more information contact Becky Miller at 632-6747 or email [beckymill1@juno.com](mailto:beckymill1@juno.com) or Dave Carbaugh at 637-9875 or email [carbaugh3@embarqmail.com](mailto:carbaugh3@embarqmail.com)

### [Gifford Pinchot State Park](http://www.dcnr.state.pa.us/stateparks/parks/giffordpinchot.aspx) - [www.dcnr.state.pa.us/stateparks/parks/giffordpinchot.aspx](http://www.dcnr.state.pa.us/stateparks/parks/giffordpinchot.aspx)

- Event calendar <http://www.dcnr.state.pa.us/Calendar/list.asp>

<> Contact Elizabeth Kepley, Environmental Education Specialist, DCNR Bureau of State Parks/Gifford Pinchot State Park, 2200 Rosstown Road, Lewisberry, PA 17339. Phone: 717-432-5011

### [Gunpowder Valley Conservancy](http://www.gunpowderfalls.org) - [www.gunpowderfalls.org](http://www.gunpowderfalls.org)

<> TO VOLUNTEER OR REGISTER FOR FREE or for more information contact Peggy Perry, Program Director for Gunpowder Valley Conservancy at 410-668-0118 or email [little-owl@msn.com](mailto:little-owl@msn.com).

### [Horn Farm Center for Agricultural Education](http://www.hornfarmcenter.org) - [www.hornfarmcenter.org](http://www.hornfarmcenter.org)

Get involved with the Center! We are looking for Board and Committee members and Center volunteers who have the drive and desire to help move this exciting project forward. If you would like to help, please call or contact: Horn Farm Center 4945 Horn Road York, PA 17406 Phone: (717) 757-6441 Email: [info@hornfarmcenter.org](mailto:info@hornfarmcenter.org) If you're interested in:

- History
- Education
- Agriculture
- Preservation.....then the Horn Farm Center is the place for you!

<> Contact: Horn Farm Center for Agricultural Education, 4945 Horn Road, York, PA 17406. Phone: (717)654-0571. Email: [info@hornfarmcenter.org](mailto:info@hornfarmcenter.org). Web: [www.hornfarmcenter.org](http://www.hornfarmcenter.org).

### [Izaak Walton League York Chapter #67](http://www.yorkchapter67iwla.org/) - [www.yorkchapter67iwla.org/](http://www.yorkchapter67iwla.org/)

- Calendar of events 2010 - [www.yorkchapter67iwla.org/id21.html](http://www.yorkchapter67iwla.org/id21.html)

- Club Open Meetings are held the Third Tuesday of each month at 7pm in the Clubhouse.

<> Contact: York Chapter #67 IWLA, 7131 Ironstone Hill Road, Dallastown, PA 17313. Club Grounds Phone: 717-428-2000 \*Leave a message for the Committee Contact or Club Officer you are trying to reach. Committee Contacts & Club Officers are listed on the Club Information Page. If no phone or email address is listed contact club grounds phone number.

### [Lower Susquehanna Riverkeeper](http://www.lowersusquehannariverkeeper.org) - [www.lowersusquehannariverkeeper.org](http://www.lowersusquehannariverkeeper.org)

<> Contact: Michael Helfrich, Lower Susquehanna RIVERKEEPER®, York, PA. Cell phone: 717-779-7915 E-mail: [lawsusriver@hotmail.com](mailto:lawsusriver@hotmail.com).

### [Maryland's Upper West Shore Trib Team](http://www.dnr.state.md.us/bay/tribstrat/upper_west/up_west_shore.html) - [http://www.dnr.state.md.us/bay/tribstrat/upper\\_west/up\\_west\\_shore.html](http://www.dnr.state.md.us/bay/tribstrat/upper_west/up_west_shore.html)

- Tree-Mendous Maryland still has trees available for plantings on public lands in Maryland. Green schools receive a 1:1 match up to 20 trees. The prices have been reduced for trees which previously cost \$28 or \$32. The order form can be downloaded by clicking [here](#). Contact Lindsay Major, 410.260.8510 or [lmajor@dnr.state.md.us](mailto:lmajor@dnr.state.md.us) if you need additional information.

- The final Phase I WIP document has been submitted to EPA and is available on the MDE website for your review. You can access it at the following link [http://www.mde.state.md.us/programs/Water/TMDL/TMDLHome/Pages/Final\\_Bay\\_WIP\\_2010.aspx](http://www.mde.state.md.us/programs/Water/TMDL/TMDLHome/Pages/Final_Bay_WIP_2010.aspx)
- <> Contact: Mike Bilek, Tributary Team Coordinator, MD DNR, Tawes Office Building, Annapolis, MD 21401. Ph: 410-260-8988. E-mail: [mbilek@dnr.state.md.us](mailto:mbilek@dnr.state.md.us)

**Mason-Dixon Trail System, Inc.** - <http://www.masondixontrail.org/>

<> Contact: James Hooper at 717/252-3784 or [j.e.hooper@ieee.org](mailto:j.e.hooper@ieee.org)

**Mid-Atlantic Ecological Landscapes Partnership [MAEscapes]** - [www.maescapes.org](http://www.maescapes.org)

- Jan 24 - Advisory Board meeting, 6:30 pm, York County ANNEX

<> Contact: 717-840-7408 or Connie Schmotzer at [cxs51@psu.edu](mailto:cxs51@psu.edu)

**Peach Bottom Concerned Citizens Group Inc.** - [www.pbccg.com](http://www.pbccg.com)

Thanks for attending, speaking or networking yesterday at the York JCC. We are working on pics and video...coming soon!

- Please come to see Gasland Thurs Nov 18th at 7 at the Shrewsbury Municipal Building.

<> Contact Maria Payan by email [pbccg@hotmail.com](mailto:pbccg@hotmail.com) or mail: Peach Bottom Concerned Citizens Group, P.O. Box 307 Delta, PA 17314. PBCCG, Inc is a nonprofit organization supported solely by volunteers and donations.

**Prettyboy Watershed Alliance** - [www.prettyboywatershed.org](http://www.prettyboywatershed.org)

<> Contact: Nancy Shaper at [nshaper@jhmi.edu](mailto:nshaper@jhmi.edu)

**Sierra Club - Gov. Pinchot Group of PA** - <http://pennsylvania.sierraclub.org/pinchot/>

- New 2010 Meeting Location! Monthly meetings will be held the last Tuesday of the each month at 6:30 pm in the Community Room at the Giant at 2300 Linglestown Rd, Harrisburg, PA 17110. All members are welcome!
  - 12/28 - Annual Planning Meeting - 6:30 pm in the Community Room at the Giant at 2300 Linglestown Rd, Harrisburg, PA 17110. All members are welcome!
  - Green Drinks - 5:30 pm happy hour on the second Wednesday of every month at a local pub. For Green Drinks locations click [here](#) or on Twitter @HBGreenIrene, or on [Facebook](#)
  - City Outings (ICO) - find out [more](#) about this great local Sierra Club program
- <> Kim Anderson at [sgfornyc@aol.com](mailto:sgfornyc@aol.com).

**Spoutwood Farm Center for Sustainable Living** - [www.spoutwood.com](http://www.spoutwood.com)

<> Contact Rob & Lucy Woods at Spoutwood Farm at 717-235-6610 or [spoutwood@comcast.net](mailto:spoutwood@comcast.net).

**Susquehanna Gateway Heritage Area** - <http://www.susquehannaheritage.org/>

We are currently developing our 2011 Calendar of Events. The following events have been scheduled:

- Wednesday, January 5, 2010 - Historic 12th Night Celebration and Zimmerman Center Open House - 3pm-8pm
- Wednesday, April 13 - Susquehanna Heritage Lecture Series - 6:30pm Rocks and Mining History along the Lower Susquehanna River, Presented by Jeri Jones, Jones Geological Services
- Saturday, April 23 - Guided walking tour - Shenk's Ferry Wildflower Preserve - Lead by Mark Arbogast, Park and Recreation Expert - 10am-11:30am

Questions? Please contact Marie Cartwright, Outreach & Communications Coordinator [mcartwright@susquehannaheritage.org](mailto:mcartwright@susquehannaheritage.org) or 717-252-0229 ext. 4

<> Contact Mark Platts, Susquehanna Heritage Corporation, 1706 Long Level Road, Wrightsville, PA 17368. Office: 717-252-0229. E-mail: [info@lyhr.org](mailto:info@lyhr.org).

**Susquehanna Greenway Partnership** - [www.susquehannagreenway.org](http://www.susquehannagreenway.org)

<> For more information about the Susquehanna Greenway, please contact: The Susquehanna Greenway Partnership, 201 Furnace Road, Lewisburg, PA 17837. Phone: 570-522-7211. Email: [greenway@susquehannagreenway.org](mailto:greenway@susquehannagreenway.org)

**Trout Unlimited Codorus Chapter #558** - [www.codorustu.org](http://www.codorustu.org)

- Dec 8 - Monthly Chapter Meetings 2nd Wednesday, 7:00 p.m., at Gander Mtn. (winter)

<> Contact: Tom Finenze at 840-1372 or [tom@codorustu.org](mailto:tom@codorustu.org). Cancellations due to winter weather will be announced here, and on WSBA Radio, 910 AM.

**Trout Unlimited Muddy Creek Chapter #575** - <http://muddycreektu.org/>

- Dec. 15 - Chapter Meeting at [Collinsville Fish & Game](#)

<> Contact: Ron Heuston, President MCTU, 244-1851 or [Heuy1955@aol.com](mailto:Heuy1955@aol.com)

**Watershed Alliance of Adams County** - <http://www.adamswatersheds.org/>

- Meet the 3rd Wednesday @5pm.

<> Contact: Adam McClain, Ph: 717-334-0636; E-mail: [stilden@adamswatersheds.org](mailto:stilden@adamswatersheds.org)

**Watershed Alliance of York** - [www.watershedsyork.org](http://www.watershedsyork.org)

- Jan. 5 - Annual Meeting of WAY Board of Directors, 7:00 PM, at 324 W. Market St., York, PA.
- WAY E-News - Published by the Watershed Alliance of York, Inc. to inform the public about news and information that affect York County watersheds and beyond. PLEASE SHARE WITH YOUR MEMBERSHIP AND E-MAIL LIST. Contributions of news, events and information relating to watershed education, funding, planning, restoration, protection, and stewardship welcome. Send contribution to and contact

us for mailing list additions/changes to the e-mail address below. Distribution: electronic (1,850). Frequency: bi-weekly. Subscription: No charge. Editor: Gary R. Peacock.

- You can make [www.goodsearch.com](http://www.goodsearch.com) and be sure to enter WAY as the charity you want to support.

<> Contact: Watershed Alliance of York, Inc. (WAY), C/o York County Conservation District, 118 Pleasant Acres Road, York, PA 17402. Phone: (717) 840-7430. Facsimile: (717) 755-0301. E-mail: [gpeacock@yorkccd.org](mailto:gpeacock@yorkccd.org)

**Yellow Breeches Watershed Association** – [www.ybwa.org](http://www.ybwa.org)

<> Contact: John Eby, President, at [john\\_eby@lower-allen.pa.us](mailto:john_eby@lower-allen.pa.us)

**York-Adams Regional Smart Growth Coalition** – [www.yorkadamssmartgrowth.org](http://www.yorkadamssmartgrowth.org)

<> Contact: Shanna M. Wiest, Government Affairs Director, REALTORS Association of York & Adams Counties, Inc. 901 Smile Way York, PA 17404. Phone: (717) 843-7891. Fax: (717) 854-0720. <http://www.rayac.com>

**York Audubon Society** – <http://www.yorkaudubon.org/>

- Monday, December 13, 2010: Peter and Lori Davis present “Protection Island National Wildlife Refuge”
  - December 18, 2010: tentative date for the annual YAS Christmas Bird Count.
  - Monday, January 9, 2011: Member’s best night.
  - Monday, February 14, 2011: Donald and Marion Wilson present “Our Best Pictures”
  - Monday, March 14, 2011: Harry Campbell presents “From Pennsylvania to the Bay: Challenges and Solutions for Restoring Our Streams and the Chesapeake”
- <> Contact Tom Smith at 717-246-9767 or [tls35@psu.edu](mailto:tls35@psu.edu).

**York County Conservation District** – [www.yorkccd.org](http://www.yorkccd.org)

- Board meets 2nd Friday, 11:30 a.m. (December-March) and 2nd Thursday, 7:00 p.m. (Apr.-Nov.), at the York County ANNEX
  - Wonderful opportunity for everyone to consider as an Envirothon contribution. We offer original artwork each year as a gift to anyone contributing at the \$250.00 level and above during the Envirothon Sponsor Drive. For the first time this year, artist Millicent Neill Decker, is allowing the District to directly offer her limited edition print, Persimmon Buck, at its normal retail price of \$90.00. That means that the Envirothon receives half of every print sold! This is another way for the Envirothon to raise money and perhaps brings the gift of artwork to someone who cannot afford to make a \$250.00 donation (like most of us). Please look over the attached order form. If you or anyone you know is interested in this beautiful piece of artwork - painted especially for this year's Envirothon - please pass the information on. It would make a lovely holiday gift and help the Envirothon as well. If you have any questions about the piece, just contact Kim J Young, Education & Communication Coordinator, York County Conservation District, 118 Pleasant Acres Road, York PA 17402. [kyoung@yorkccd.org](mailto:kyoung@yorkccd.org) / 717-840-7190.
  - Rain barrels for sale! Visit our website for more information and prices.
- <> Contact: YCCD at 717-840-7430 or [yorkccd@yorkccd.org](mailto:yorkccd@yorkccd.org)

**York County Planning Commission** – [www.ycpc.org](http://www.ycpc.org)

- Meets 1st Tuesday at 7:30 p.m., except Wed. Nov. 1 at 7:30 and Tues. Dec. 1, 6:00 p.m., at 28 E. Market St., 2nd Floor.
- <> Contact YCPC at 717-771-9870 or [planner@ycpc.org](mailto:planner@ycpc.org)



## **WATERSHED EDUCATION & OUTREACH**

### **Scientists endorse bay pollution model**

Leaders at three institutions of higher learning, including the Virginia Institute of Marine Science, are defending the computer models used by federal regulators to create a Chesapeake Bay "pollution diet." In an Oct. 8 letter to the Environmental Protection Agency, the academics wrote the "consensus of the scientific community" is that the models are "both useful and adequate" in guiding policy decisions for the 64,000-square-mile bay watershed. The letter is signed by John Wells, (pictured above) dean and director at VIMS, Donald Boesch, president of the University of Maryland Center for Environmental Science, and Denice Wardrop, chair of Pennsylvania State University's scientific and technical advisory committee. All three institutions have contributed research to the EPA-led effort. Source: DailyPress online [http://weblogs.dailypress.com/news/science/dead\\_rise/2010/11/scientists\\_endorse\\_bay\\_polluti.html](http://weblogs.dailypress.com/news/science/dead_rise/2010/11/scientists_endorse_bay_polluti.html)

### **EPA to evaluate five plans to clean up Chesapeake**

Washington Post Online – The Environmental Protection Agency will take a month to evaluate plans from four states and the District that show how they'll aggressively reduce pollution that flows into the Chesapeake Bay. Plans of Virginia, West Virginia, Pennsylvania and Delaware, and the District, which filed on time Nov. 29, 2010. The states were required to show in detail what they will do to aggressively reduce wastewater runoff in the next 15 years. The EPA will decide on the adequacy of the Watershed Implementation Plans by Dec. 31. The EPA has threatened to recommend sanctions against the states if their plans are inadequate. The sanctions include redirecting federal funds for other state projects to water quality programs and opposing state permits to developers. Pennsylvania's plan would hire workers who would show farmers how to limit runoff, something the foundation likes. But they didn't commit enough funding for their plan. The plan also doesn't commit enough resources to limiting wastewater runoff from Marcellus shale drilling into the Susquehanna River. Pennsylvania's Department of Environmental Protection, said the plan commits \$15 million a year to cleaning the bay. The state wants to focus its resources on the source of more than 80 percent of its bay pollution – agriculture. Storm water is just 6 percent of the problem. We could spend all our resources on storm water and get very little in terms of total pollution reduction.

### **Cleaning Up Chesapeake Bay Will Benefit Region's Economy, According to New Report**

November 2010 -- The Chesapeake Bay region's economy has been significantly affected by water pollution in the Bay and its rivers, according to a new report by the Chesapeake Bay Foundation (CBF). The report, The Economic Argument for Cleaning Up the Bay and Its Rivers, states that the Chesapeake Bay TMDL, a federal "pollution diet" being developed to clean up the Bay and its rivers, will not only result in clean water and a healthy Bay, but also a strong regional economy. Read report... <http://www.cbf.org/Document.Doc?id=594>.

### **Multiple Causes of Fish Kills in the Potomac River Basin**

A recent article by the USGS and partners from U.S. Fish and Wildlife Service, Maryland, Virginia, and West Virginia suggests there are multiple causes for the fish kills and lesions in the Potomac basin. The causes include pathogens, parasites, and toxic chemicals. The findings indicate that certain sensitive fish species may be stressed by multiple factors and constantly close to the threshold between sustainable and nonsustainable condition. The authors, led by Vicki Blazer of the USGS, suggest the need for a more integrated approach to identify the underlying stressors and possible management actions to enhance ecosystem health. The USGS and partners plan to meet this need through enhanced studies of the Potomac basin as part of the President's Executive Order for Chesapeake Bay. The results of these studies will be used by U.S. Environmental Protection Agency and the States to develop strategies to reduce the impact of toxic contaminants on fish and wildlife. The article "Mortality of Centrarchid Fishes in the Potomac Drainage: Survey Results and Overview of Potential Contributing Factors" is available in Journal of Aquatic Animal Health, at: <http://afsjournals.org/doi/abs/10.1577/H10-002.1>. For more information contact: [vblazer@usgs.gov](mailto:vblazer@usgs.gov)

### **EPA to Expand Chemicals Testing for Endocrine Disruption**

WASHINGTON - The U.S. Environmental Protection Agency (EPA) has identified a list of 134 chemicals that will be screened for their potential to disrupt the endocrine system. Endocrine disruptors are chemicals that interact with and possibly disrupt the hormones produced or secreted by the human or animal endocrine system, which regulates growth, metabolism and reproduction. Administrator Lisa P. Jackson has made it a top priority to ensure the safety of chemicals, and this is another step in this process. The list includes chemicals that have been identified as priorities under the Safe Drinking Water Act (SDWA) and may be found in sources of drinking water where a substantial number of people may be exposed. The list also includes pesticide active ingredients that are being evaluated under EPA's registration review program to ensure they meet current scientific and regulatory standards. The data generated from the screens will provide robust and systematic scientific information to help EPA identify whether additional testing is necessary, or whether other steps are necessary to address potential endocrine disrupting chemicals. Read article... <http://www.stormh2o.com/the-latest/endocrine-disruption-testing.aspx>

### **Join the Camo Coalition – the new voice for conservation in Pennsylvania**

Many threats now face our forests, our waters, our wildlife and the funding that was designated to protect those resources. But there is hope - A new voice for conservation-minded sportsmen and women. It's based on models in other states such as Georgia and North Carolina – the Camo Coalition. The purpose of the Camo Coalition is to educate outdoor enthusiasts and provide an easy-to-use website for them to contact their state legislators. We, the hunters and anglers of Pennsylvania, must work to protect and conserve our natural resources. We need a strong voice in getting state policies enacted that protect land, habitat and water. We will concentrate on policies and strategies that have a direct effect on the Commonwealth's natural resources and our hunting and fishing heritage. Members of the coalition will receive information, e-mail action alerts, educational materials and a fast and easy way to contact their legislators about current issues and pending legislation. Now is the time for sportsmen, conservationists and outdoor enthusiasts to stand up, speak with a united voice, and be heard – Loudly. Without banding together, we may not be able to pass our heritage and traditions to future generations. Take a look at our website and sign up for e-blasts on conservation issues. It's free. <http://www.PaCamoCoalition.org> .

### **2010 Forum Presentations Available**

The presentations & resource materials from the [2010 Chesapeake Watershed Forum](#) sessions are now available for download. You can find the files on the [Chesapeake Network](#) in the Resources section: <http://bit.ly/hMfBxb>. Please note that while the majority of the presentation materials have been uploaded, some were not made available for distribution. We are working on obtaining these and will upload them when available. If you don't see the presentation you're looking for or have any questions, please don't hesitate to contact Dan Ellis. The Forum schedule & session descriptions can still be found on the Alliance for the Chesapeake Bay website: [http://allianceforthebay.org/?page\\_id=823#tracks](http://allianceforthebay.org/?page_id=823#tracks). Thanks & I hope you find these resources useful!

### **Holiday Gifts: New Fishing Licenses Go On Sale December 1**

The holiday shopping season is quickly approaching and that means it's time for anglers to get a jump on the 2011 sporting season. Anglers can purchase a 2011 license beginning December 1, which gives them a bonus month for free. Fishing license vouchers also make great holiday gifts and stocking stuffers. Purchasing vouchers for family members and friends is easy and convenient. Vouchers – and licenses - can be purchased online through the Fish and Boat Commission's Outdoor Shop. A voucher may be redeemed at any of more than 900 issuing agents across the state. The PFBC also sells a number of angling and boating-related products through the Outdoor Shop, including caps, books, posters and the flagship publication Angler & Boater magazine. Customers can also renew boat registrations and purchase launch permits for un-powered boats online. Visit the Fish and Boat Commission's [Outdoor Shop](#) online [https://www.theoutdoorshop.state.pa.us//FBG/fish\\_secured/FishOutdoorShop.asp?ShopperID=58C79D3FE35940519738388F834553AC](https://www.theoutdoorshop.state.pa.us//FBG/fish_secured/FishOutdoorShop.asp?ShopperID=58C79D3FE35940519738388F834553AC)

### **DCNR, Partners Offer Holiday Gifts To Boost Conservation**

The Department of Conservation and Natural Resources is offering holiday gift ideas to help conserve and protect Pennsylvania's natural resources. As an extra bonus, buyers can beat the crowds and save fuel by shopping online.

- State Park Gift Card - For those who enjoy or have yet to experience Pennsylvania's award-winning State Park system, a state park gift card can be purchased in any dollar amount and may be used for campsites, cabins and pavilions anywhere they are available in the State Park system. Parks are a great, economical overnight destination and offer the opportunity to watch wildlife and connect with nature. Click here to order a gift card <http://www.pa.reserveworld.com/AddRetail.aspx>.

- Bald Eagle Nature Inn – Among other things, the gift card could be used for a stay at the [Nature Inn at Bald Eagle](#) in Centre County. With its huge stone fireplace, large windows for watching the outside world and connection to miles of trails at Bald Eagle State Park, the Nature Inn is a great getaway at any time of the year.
- State Park Calendar - Shoppers can also support the Commonwealth's 117 state parks by [purchasing a calendar](#) featuring stunning photography that captures the wonders of Pennsylvania's state parks throughout the seasons, and provides tips and facts that make it easy to discover what many locations have to offer. The 10" x 13" calendar costs \$8.49, plus sales tax and shipping, and can be ordered by calling 1-888-PAPARKS.
- PA Parks & Forests Foundation - Holiday gift buyers may also consider a present that supports and organization that is committed to conserving the state's natural resources, such as a membership to the non-profit [Pennsylvania Parks and Forests Foundation](#), which helps enhance parks and forests, and supports conservation and environmental programs.
- Wild Resource Conservation Fund - Another option is to donate in support of or make a purchase from the [Wild Resource Conservation Program](#). Since 1982, the program has studied and worked to conserve Pennsylvania's rare species and habitats. [Click here](#) to donate or purchase products to help support the Program.
- Clean Creek Pottery - Finally, shoppers could consider a pottery gift with a special glaze. In a continuing effort to help market abandoned-mine treatment technologies-particularly iron and manganese removal-the [Jennings Environmental Education Center](#) in Butler County and its partners produce and sell pottery glazed with minerals extracted from passive treatment systems. Proceeds help to build and maintain treatment systems that prevent dangerous elements from escaping abandoned mines and polluting the state's waterways. The pottery can be ordered online at [Clean Creek Pottery](#).

### **The Season of Giving**

The end of the year is here, along with holiday stress for many of us, and yet it seems our hearts open wider during this time of year.

What better time to give and take advantage of the year-end tax deduction opportunities? To create a vibrant York County, we are asking you to personally invest in York County by making a gift either online or by check to our Fund for York County or one of our eight Field of Interest Funds. The Fund for York County is our most flexible fund for community improvement and supports innovative and change-making programs and initiatives throughout York County, such as the York Regional Academy Charter School and strategic alliances and mergers among our nonprofits to increase their efficiency, effectiveness, and strengthen their missions. Through this Fund, you can also support any of our eight Field of Interest Funds, which you can also designate on the online giving form:

- Agriculture & Land Preservation
- Arts & Culture
- Children & Youth
- Community Development
- Education
- Environment
- Elderly
- Human Needs

Whether you decide to give to our community improvement fund or to one of our eight Field of Interest funds, your support of the Community Foundation with a gift to the Fund for York County will help create a vibrant York County now and for future generations. Thank you! Give [www.yccf.org](http://www.yccf.org).

### **What You Can Do**

Instead of spending painstaking hours raking, blowing and bagging fallen leaves, try composting them instead. Making mulch from fallen leaves helps reduce polluted runoff, naturally fertilizes your lawn, and prevents bags of leaves from filling up local landfills. Learn how... <http://www.chesapeakebay.net/inyourbackyard.aspx?menuitem=16888#compostleaves>.

### **Earth friendly holiday season tips**

The Xmas season is traditionally a time of increased consumption and massive waste on many levels that negatively impacts on the environment. Forewarned is forearmed - pick up 18 tips for a green holiday season and share your ideas too! Read more...

<http://www.greenlivingtips.com/articles/46/1/Earth-friendly-holiday-season-tips.html>



## **WATERSHED FINANCIAL ASSISTANCE**

### **AmeriCorps Volunteers – York County NPOs eligible – Dec 22**

On behalf of the Southwest Conservation Corps (SCC) and the Appalachian Coal Country Team (ACCT) to inform you of a new initiative we are undertaking. The attached document outlines the new program we are proposing to AmeriCorps which would include year-long Volunteers for nonprofit organizations and local and state agencies to work on direct-service projects related to environmental stewardship. If you are interested in hosting one of these positions for a year, please review the guidance form attached and send back the survey on the last page before December 22nd. The survey is to gauge interest of sites and gather information about projects sites are needing and is not binding. That said, it is unlikely we will have extra AmeriCorps positions if a survey is not submitted. I have also attached the most recent ACCT Team Summary that describes the kinds of tasks on which the Team already focuses. If you have any questions, please feel free to contact me. Rachel Folk, AmeriCorps Coordinator. Telephone 304-252-4848 x9. Fax 304-252-4889. E-mail [rachel@sccorps.org](mailto:rachel@sccorps.org).

### **Nicodemus Wilderness Project Scholarships Available – Dec 31**

The Nicodemus Wilderness Project's Apprentice Ecologist Initiative is offering three \$850 scholarships to K-12 youth and college-aged students involved in environmental cleanup and conservation projects. Applicants must conduct their own local environmental stewardship project, take digital photos, write an essay about the venture and submit all information online. Registration deadline is Dec. 31.

For more information: Nicodemus Wilderness Project Scholarships [http://www.wildernessproject.org/volunteer\\_apprentice\\_ecologist.php](http://www.wildernessproject.org/volunteer_apprentice_ecologist.php)

### **Labor and Industry Conservation Corps Grants Open – Jan 7**

Political subdivisions and certain state agencies may apply for Pennsylvania Department of Labor and Industry Conservation Corps grants to carry out projects related to recreation and conservation. Grantees receive the services of a PCC crew with all wages paid for one year, and may also receive funds to pay for the materials and contracted services needed to complete projects. Applications must be postmarked no later than Jan. 7. For more information: Pennsylvania Conservation Corps Grants <http://www.portal.state.pa.us/portal/server.pt?open=514&objID=599288&mode=2>

### **U.S. Fish and Wildlife Service Seeks Proposals from States for FY 2011 Endangered Species Grants – Jan 18**

The U.S. Fish and Wildlife Service is seeking proposals from states and U.S. territories interested in obtaining federal financial assistance to acquire land or conduct planning efforts for endangered species conservation. For fiscal year (FY) 2011, the President's budget request for the Cooperative Endangered Species Conservation Fund includes approximately \$85 million in grant funding for conservation planning activities and habitat acquisition benefitting federally protected species. Proposals must be submitted to the appropriate Service regional offices by January 18, 2011. <http://www.erosioncontrol.com/the-latest/endangered-species-grants.aspx>

### **Volvo Adventure Competition Accepting Entries Jan 31**

In partnership with the United Nations Environment Programme, the "Volvo Adventure" is an educational program that rewards environmental activities and the decision-makers of the future. Teams of students aged 13-16 develop environmental projects in their local communities and then submit their entries online; winning teams are invited to Sweden to compete for cash prizes. There is also a companion program for 10-12 year olds. Submissions are due Jan. 31. For more information: Volvo Adventure Competition <http://www.volvoadventure.org/home.aspx>

### **TreeVitalize Metros Municipal Sub-Grant Application – Feb 1**

Looking for funding to assist your 2011 municipal tree planting projects? TreeVitalize is a Pennsylvania Department of Conservation and Natural Resources (DCNR) led program to enhance tree canopy cover in the state's more densely populated areas by planting 1 million trees statewide. TreeVitalize Metros is offering municipal sub-grants of up to \$25,000 for tree planting. TreeVitalize Metros does require a 50% cash match and volunteer involvement. For more information and or to apply, please visit this link:

<http://www.treevitalize.net/SubGrant.aspx>. Please submit completed applications to the York County Conservation District, your local Metro Partner. Applications are due: February 1, 2011. Please visit this link to locate your Metro Partner and contact information:

<http://www.treevitalize.net/MetroPartners.aspx>

Trees provide many benefits to communities and the environment. They help clean the air, water, reduce stormwater runoff, prevent flooding and erosion, provide habitat for animals, reduce energy costs and enhance real estate values. One Million Trees. We're counting on you!

### **USDA Announces Large WRP Enrollment**

The U.S. Department of Agriculture (USDA) recently announced an enrollment of more than 272,000 acres in the Wetlands Reserve Program (WRP) in Fiscal Year (FY) 2010. This is a 52 percent increase from the 179,000 acres enrolled in FY 2009, and represents the highest single-year enrollment in the program's history. There are currently more than 2.3 million acres enrolled in WRP nationwide. WRP provides both technical and financial assistance to private landowners and Indian Tribes to restore, protect and enhance wetlands that have been degraded or converted for agricultural uses. This is a voluntary program available on a continuous sign-up basis. To learn more, click here

<http://www.nrcs.usda.gov/programs/wrp/>.

### **NRCS Announces Final WHIP Rule**

The Natural Resources Conservation Service (NRCS) released the final rule for the Wild Habitat Incentive Program (WHIP). WHIP is a voluntary program that provides technical and financial assistance for participants to develop upland, wetland and aquatic wildlife habitat, as well as fish and wildlife habitat on other areas. The final rule specifies how NRCS will implement the program in response to changes from the Food, Conservation and Energy Act of 2008. Specific provisions include: restricting eligible lands to private agricultural land, nonindustrial private forestry land (NIPF), and Indian land; clarifying the phrase "other types of habitat" to include habitat developed on pivot corners and irregular areas; increasing the proportion of annual funds available for long-term agreements that are 15 years or longer to a maximum of 25 percent; providing the Secretary with discretionary authority to address State, regional, and national conservation initiatives; and establishing a \$50,000 annual payment limitation per person or legal entity. For more information on the final WHIP rule, click here

<http://edocket.access.gpo.gov/2010/2010-29394.htm>

### **USDA Publishes GRP Final Rule**

The Natural Resources Conservation Service (NRCS) recently issued its final rule for the Grassland Reserve Program (GRP). The rule addresses public comments on wind power, native species, landowner contributions, long-term management funding, ranking priorities, state-level priorities, various program definitions and the terms and conditions for GRP deeds. GRP is a voluntary program that helps landowners restore and protect grassland, rangeland, pastureland, scrubland and other lands. The program also provides assistance for grassland rehabilitation. GRP continuously accepts applications, and is available in all 50 states and territories. Participants agree to limit future development and cropping uses of the land while maintaining the right to conduct common grazing practices. For more information on GRP, click here

<http://www.nrcs.usda.gov/programs/GRP/>.

### **NRCS Grants Available to Protect PA's Private Forest Land**

The U.S. Department of Agriculture's Natural Resources Conservation Service is accepting applications from owners of private forest land in Pennsylvania for the Healthy Forests Reserve Program. HFRP funding is utilized to protect and improve habitat for the Indiana bat, a federally-listed endangered species. The land must support Indiana bat habitat located in proximity to where known hibernation areas exist. Applications will be accepted until funding is exhausted. For more information: NRCS – Grants

<http://www.pa.nrcs.usda.gov/programs/HFRP/index.html>.



## **WATERSHED FACILITATION ASSISTANCE**

### **Designing LID to Work: Lessons Learned from North Carolina – Dec 9**

Join us for the webcast "Designing LID to Work: Lessons Learned from North Carolina." North Carolina is a geographically diverse state spanning mountain, piedmont and coastal regions, making its low impact development (LID) implementation progress a model for many states across the country. North Carolina State University is a national leader in the study of LID and has advanced LID research and implementation, including the development of the state's LID guidance, the "North Carolina LID Guidebook." The NC State Cooperative Extension's LID certification program also has the potential to be replicated nationally. This webcast will feature a discussion of barriers to LID implementation and the progress that is being made to address them from a "boots on the ground" perspective of the NC State Cooperative Extension, as well as a landscape architect who is making LID a reality. Webcast participants are eligible to receive a certificate for their attendance. The webcast presentation is posted in advance at [www.epa.gov/watershedwebcasts](http://www.epa.gov/watershedwebcasts) and participants are encouraged to download it prior to the webcast. 2.0 hour webcast. Eastern: 1:00 p.m. - 3:00 p.m. Register at: [www.epa.gov/watershedwebcasts](http://www.epa.gov/watershedwebcasts)

### **Managing Municipal Stormwater Protecting Water Quality, Streams, and Communities – Dec 15**

Wednesday, December 15, 2010 9:00 a.m. - 3:45 p.m. York County Emergency Services 120 Davies Drive York, PA 17402. The Municipal Separate Storm Sewer System (MS4) Program is a federally mandated initiative, administered by the PA DEP. The program's ultimate goal is to ensure that Municipal stormwater conveyance systems are discharging clean water. Municipalities that are included in the program are required to perform public outreach and education as well as solicit public participation in clean water efforts. Municipalities must develop a map of their stormwater conveyance systems and create a method for detecting illicit discharges and a plan to eliminate those discharges. Further responsibilities include participation in regulation of erosion and sedimentation control during construction activities and post construction and perform "good house keeping" activities. This program is designed to help municipalities and municipal engineers implement new cost effective stormwater practices (BMPs). MS4 municipalities will learn more about the new applications and permitting that will be required to meet TMDLs for the Chesapeake Bay. If your community is an MS4, you should attend this meeting. Certificates of Attendance will be issues for Engineer PDH Credits. Penn State Cooperative Extension in partnership with the School of Forest Resources, York Conservation District, Water-shed Alliance of York, DCNR, the Villanova Urban Stormwater Partnership, and the USDA Forest Service is providing this training for municipal officials, engineers, community planners and others interested in managing stormwater and protecting water quality. For more information, contact: York County Cooperative Extension at (717) 840-7408

### **US EPA SWMM5 & PCSWMM Stormwater Modeling Workshop – Dec 20-21**

- December 20-21, 2010. Pittsburgh, PA
- February 22-23, 2011. Toronto, Ontario

CHI offers 2-day training workshops in many locations across the U.S.A. and Canada. Each workshop provides the time-limited PCSWMM/SWMM5 software and is designed to help you become proficient with the modeling packages. In two days of hands-on workshops, you will learn the latest version of the [PCSWMM](#) graphical decision support system, as well as the internals of the latest version of the [Stormwater Management Model \(SWMM5\)](#). Lectures are interspersed with hands-on exercises allowing you to explore the different aspects of the programs. Learning will be encouraged with a relaxed atmosphere and ample personal instruction. PCSWMM software, included with the workshop, together with all documentation and instructional materials, is time-limited but a full license may be purchased with a \$500 discount. AWSPs members receive a special 15% discount off the conference & workshop. [Contact us now to receive the discount and special offer.](#) For more information, visit [www.chiwater.com](http://www.chiwater.com)

### **Call for Abstracts: Low Impact Development Symposium and National NPS Monitoring Workshop – Dec 31**

Prospective authors are cordially invited to submit an abstract to the Philadelphia Low Impact Development Symposium Technical Committee by December 31, 2010. This conference brings together 3 separate organizations into a single venue in the Philadelphia region: the 5th National Low Impact Development Conference, the 19th Annual Nonpoint Source (NPS) Monitoring Workshop, and the 2011 Pennsylvania Stormwater Management Symposium - Sustainable Stormwater and LID. The conference will be at the Loews Philadelphia Hotel on Sept. 25-28, 2011. Registration will open on Sunday afternoon, Sept. 25, followed by pre-conference workshops. The three-day technical program, Monday – Wednesday, will include six concurrent tracks and field tours. Click here for a downloadable pdf file of the Call for Abstracts flyer [http://www.bae.ncsu.edu/stormwater/2011lid/lid319\\_flyer.pdf](http://www.bae.ncsu.edu/stormwater/2011lid/lid319_flyer.pdf).

### **Using WinSLAMM to Meet TMDL, LID, and MS4 Stormwater Requirements – Jan 20-21**

- January 20-21, 2011. Baltimore, MD

The Center for Watershed Protection has partnered with the University of Wisconsin-Madison to present an outstanding short-course focused on meeting TMDL, LID and MS4 stormwater requirements. We invite you to join with other stormwater professionals by attending this course. This course features hands-on training on Source Loading and Management Model (WinSLAMM) to measure the attainment of urban stormwater management goals: Meet TMDL requirements, Reduce pollution load, Control runoff volume, and Achieve LID/sustainability/green compliance. The instructors for this two-day course include experienced persons from CWP and EPA, as well as professionals who are responsible for the creation and refinement of the WinSLAMM model itself. A significant revision (version 10) will be demonstrated at this course. AWSPs members receive an exclusive **\$100 discount!** For complete information, download the [brochure](#).



## **WATERSHED TECHNICAL ASSISTANCE**

### **Faster Water Flow Means Greater Diversity of Invertebrate Marine Life**

ScienceDaily (Nov. 20, 2010) — On the rocks just beneath the tides, the faster the water is moving in an area, the greater the variety of invertebrate creatures that will live there. Understanding that water flow is a strong predictor of diversity could be a huge boon to efforts to manage coastal ecosystems. One of biggest factors promoting the diversity of coastal ocean life is how fast the water flows, according to new

research by ecologists at Brown University. Experiments and observation in Palau, Alaska, and Maine showed that the faster the flow, the greater the number of invertebrate species that live on rocks under the water. The findings, published the week of Nov. 15 in the journal Ecology Letters, could help improve management of delicate and complex coastal ecosystems, said James Palardy, a former Brown doctoral student and the paper's lead author. Finding the fastest water could point scientists to areas where diversity is likely greatest – and perhaps especially worthy of protection – and to zones where invasive species could establish their first beachheads. Read more... <http://www.sciencedaily.com/releases/2010/11/101117104504.htm>.

#### **Cost Effectiveness of Ecological Restoration Demonstrated**

The research focused on the dryland forests of Latin America, and examined the cost effectiveness of ecological restoration techniques such as tree planting and forest regeneration. This was achieved using a novel research approach, which involved mapping the value of different benefits provided by these forests. The research was conducted by a team of ecologists from the UK, Mexico, Chile and Argentina, headed by Professor Adrian Newton of Bournemouth University, UK. Read article... <http://www.sciencedaily.com/releases/2010/11/101122200619.htm>

#### **Estrogen Concentrations in Manure Runoff: Pelletized Manure Reduces Toxic Runoff**

ScienceDaily (Nov. 18, 2010) – There is considerable amount of uncertainty concerning the environmental impacts that animal hormones have on surface water. Higher concentrations of hormones in waterways have been found to cause physiological and sexual impairment in fish and other aquatic species. However, a study from the University of Delaware that examined estrogen concentrations runoff from agricultural fields fertilized with chicken manure found that it is as much about the application of the manure as it is about the measurement of the types of estrogen. The study was conducted on the experimental plots on the Coastal Plain agricultural soils in Middletown, DE. It measured and compared the amounts of both toxic, free forms of estrogen hormones and less toxic species found in runoff. Corn was planted as a cover crop and chicken manure was applied in either a pelletized form or a raw litter form. Reduced tillage and no tillage treatments were also employed. Samples of surface runoff were collected after 10 rain storms during the 2008 summer growing season from April through July. Sudarshan Dutta, the author of the study, found that the amounts of estrogen were lower in plots fertilized with pelletized manure and plots that received no-tillage treatments. Additionally, Dutta discovered the entire range of estrogen concentrations in the samples was significantly lower than those observed in other previous agricultural studies. Nevertheless, concentrations of the less toxic conjugate forms of estrogen were higher than the toxic, free forms. According to Dutta, prior studies did not usually measure the conjugate forms of estrogen, saying it is necessary to measure these forms. Read article... <http://www.sciencedaily.com/releases/2010/11/101117161248.htm>.

#### **ICLEI STAR Community Index: Sustainability Goals & Guiding Principles**

The October 2010 report offers 81 sustainability goals and 10 guiding principles that collectively define community-scale sustainability. The report also presents a vision of how communities can become healthier and more prosperous across eight specific categories. The new ICLEI report provides a much needed vocabulary that local governments and their communities can use to more effectively strategize and define their sustainability planning efforts. The Goals and Guiding Principles are the basis of the forthcoming STAR Community Index, a national framework and performance-management system that will allow local governments to measure and rate their sustainability performance. Resource(s): [http://www.icleiusa.org/library/documents/STAR\\_Sustainability\\_Goals.pdf](http://www.icleiusa.org/library/documents/STAR_Sustainability_Goals.pdf)

#### **How does your local infrastructure stand up?**

Part one in our three-part PA infrastructure series. The [American Society of Civil Engineers](#) recently released the [2010 report card for PA infrastructure](#) and the results leave a lot to be desired. We will cover the entire infrastructure grades in our 3-part series, but this month, let's investigate water and waste-related infrastructure. Continue reading... <http://kimball.typepad.com/>

#### **Green Infrastructure: Linking Landscapes and Communities**

Green Infrastructure: Linking Landscapes and Communities by Mark A. Benedict and Edward T. McMahon is an illustrative review of advances in smart land conservation. It also highlights large scale thinking that provides a green solution to many of the problems associated with sprawling development. Those engaged in land conservation and management have increasingly come to envision and make use of a process that connects environmental, social and economic health: green infrastructure. For the landscape designer, conservation-minded planner and concerned citizen, this work presents principles and practices to link landscapes and communities across the country. With almost 2 million acres of farmland and half a million acres of private forestland lost to development each year, the impacts of sprawl are felt everywhere. But creating communities that both protect open land and provide homes and services for people is not impossible. Using a green infrastructure approach, community members can understand how green space adds value, in myriad ways, to land development, and then relate these findings to developing infrastructure plans. Communities can then prioritize conservation opportunities and plan development that meets the needs of both people and nature. With illustrative and detailed examples, Green Infrastructure advances smart conservation through large-scale thinking and integrated action plans. Providing both the historical framework for the importance of greenways and green space networks, and practical advice on how to design and implement them, Benedict and McMahon's book is a valuable resource for anyone who wants to understand innovative approaches to conservation-minded land use. From the individual parcel to the multi-state region, Green Infrastructure helps us look at the landscape in relation to the many uses it could serve for nature and people and determine which use achieves the most benefit for both. Resource(s): <http://www.conservationfund.org/node/483>

#### **Creating Community-Based Brownfields Redevelopment Strategies**

The American Planning Association was the recent recipient of a Brownfields Training, Research, and Technical Assistance Grant from the U.S. Environmental Protection Agency. The result of this three-year project and grant funding, which involved community development corporation (CDC) leaders, community members, and others working to revitalize low-income and disadvantaged communities, is Creating Community-Based Brownfield Redevelopment Strategies, a guide to redeveloping brownfield sites. The U.S. contains approximately 450,000 brownfield sites. In many brownfield redevelopment projects, community groups are frequently left out of the process. However, these community groups often represent the main constituency that suffers from the negative impact of vacant and abandoned brownfield sites. The purpose of Creating Community-Based Brownfield Redevelopment Strategies is twofold: first, it is designed to help community-based organizations (CBOs) recognize that brownfields are opportunities for neighborhood revitalization, and, second, it provides critical information to help local CBOs participate more effectively in the complicated process of brownfield cleanup and redevelopment. This guide helps to empower residents to

actively and effectively participate in brownfield site redevelopment and to understand how different development strategies will benefit their communities. Resource(s): <http://www.planning.org/research/brownfields/pdf/brownfieldsguide.pdf>

### **Sustaining America's Urban Trees and Forests: A Forests on the Edge Report**

Close to 80 percent of the U.S. population (220 million people) lives in urban areas and depends on the essential ecological, economic, and social benefits provided by urban trees and forests. However, the distribution of urban tree cover and the benefits of urban forests vary across the United States, as do the challenges of sustaining this important resource. As urban areas expand across the country, the importance of the benefits that urban forests provide, as well as the challenges to their conservation and maintenance, will increase. The purpose of this report is to provide an overview of the current status and benefits of America's urban forests, compare differences in urban forest canopy cover among regions, and discuss challenges facing urban forests and their implications for urban forest management.

Resource(s): [http://www.fs.fed.us/openspace/fote/reports/nrs-62\\_sustaining\\_americas\\_urban.pdf](http://www.fs.fed.us/openspace/fote/reports/nrs-62_sustaining_americas_urban.pdf)

### **Cement-Like Creation Could Help the Environment**

ScienceDaily (Nov. 21, 2010) — A Temple University researcher has developed a cement-like substance that could help with stormwater management while potentially keeping millions of plastic bottles out of landfills. Naji Khoury, an assistant professor of civil and environmental engineering at Temple, uses a mixture of recyclable plastic bottles and soil to create "Plastisoil," a trademarked product he describes as an impervious cementing agent. When mixed with coarse aggregate and heated, it produces what Khoury calls "porous Plastisoil," which functions like pervious concrete and porous asphalt. Khoury said that Plastisoil could help alleviate environmental problems created by stormwater run-off because stormwater can filter through it into the ground below. The material could be used to form sidewalks, bike/jogging paths, driveways and parking lots. Read more... <http://www.sciencedaily.com/releases/2010/11/101119200504.htm>

### **The value of open space**

Open space in southeastern Pennsylvania adds \$16 billion to the value of the region's housing stock, saves local governments over \$132 million per year in costs associated with environmental services, helps residents stay fit and active, generates \$270 million in tax revenue and supports 7,000 jobs according to a study by the Economy League of Greater Philadelphia. The study was commissioned by the GreenSpace Alliance and the Delaware Valley Regional Planning Commission. Read more... <http://ht.ly/3aPiH>

### **DEP eNOTICE - Regulation Update**

On 11/18/2010, the Independent Regulatory Review Commission took the actions noted on the following final regulations:

- Dam Safety and Waterway Management – Approved
- Oil and Gas Well Casing and Cementing – Approved

You will be notified when the approved final regulations are published in the [Pennsylvania Bulletin](#).

The following final regulations were published in the [Pennsylvania Bulletin](#) on 11/20/2010:

- Administration of the Uniform Environmental Covenants Act.
- Paper, Film and Foil Surface Coating Operations.

Please access the [Pennsylvania Bulletin](#) for copies of the final regulations. The [Pennsylvania Bulletin](#) is the official version of the final regulations until the regulation are codified in Title 25 of the [Pennsylvania Code](#).

### **Riparian Forest Buffer Guidance**

DEP published Riparian Forest Buffer Guidance as final in the Pennsylvania Bulletin on November 27, 2010. The guidance outlines recommendations for restoration and protection of riparian forest buffers that are useful in mitigating or controlling point and nonpoint source pollution to surface waters. The primary purpose of this guidance is to assist DEP staff in developing general buffer recommendations for regulatory, voluntary, and grant programs. It will also serve to assist any interested entities (municipal, regional, state, federal, and others) in understanding the functions and values of riparian forest buffers, the importance of sustaining and enhancing riparian forest buffers, and in developing appropriate science-based guidelines or policies. The guidance can be found at:

<http://www.elibrary.dep.state.pa.us/dsweb/Get/Document-82308/394-5600-001.pdf>

### **NOTICE - DCNR Approves Conewago Creek River Conservation Plan**

40 Pa.B. 6951 [Saturday, December 4, 2010] – The Department of Conservation and Natural Resources (Department), Bureau of Recreation and Conservation has approved the Conewago Creek River Conservation Plan (Plan) and is placing the Conewago Creek Watershed and all tributaries covered in the Plan in Adams, Cumberland and York Counties on the Pennsylvania Rivers Conservation Registry (Registry). The Pennsylvania Environmental Council submitted the Plan and other required information to gain Registry status. After review of the Plan and other information, the Department has determined that the Pennsylvania Rivers Conservation Program (Program) requirements have been satisfied and places the following on the Registry:

- The watershed area (Adams, Cumberland and York Counties) from the border between this Commonwealth and Maryland to its confluence with the Susquehanna River—507.57 square miles.
- Long Arm Creek Watershed (York County), a tributary stream of the Conewago Creek Watershed, from the border between this Commonwealth and Maryland to its confluence with the South Branch of Conewago Creek.
- The South Branch of the Conewago Creek Watershed (Adams and York Counties), a tributary stream of the Conewago Creek Watershed, from the border between this Commonwealth and Maryland to its confluence with the Swift Run Creek in Adams County.
- All other tributary streams within the Conewago Creek Watershed in this Commonwealth.

This action becomes effective December 4, 2010. Projects identified in the Plan become eligible for implementation, development or acquisition grant funding through the Program. A copy of the Final Plan is available for review at the Pennsylvania Environmental Council, Southwest Regional Office, 22 Terminal Way, Pittsburgh, PA 15219, (412) 481-9400; and Department of Conservation and Natural Resources, Rachel Carson State Office Building, 400 Market Street, 6th Floor, Harrisburg, PA 17101, (717) 783-2712. Maps and supporting data are available by contacting the Pennsylvania Environmental Council.