

Calendar of Events

February 2006

- **February 2nd:** World Wetland Day marks the anniversary of the signing of the Convention on Wetlands (Ramsar Convention) in Ramsar, Iran in 1971. The Ramsar founders developed the international definition of wetlands which has now been adopted by many countries and continues to designate wetlands of international importance. The theme for this year is 'Wetlands and Water - supporting life, sustaining livelihoods'. For more information on World Wetland Day or other wetland information visit www.ramsar.org
- **February 18th at 8:45 am:** Identifying Trees in Winter - Frederick County Forester, Mike Kay, will lead a two hour walk in the woods. Meet at the High Knob picnic area in Gambrill State Park. Sponsored by the Maryland Woodland Owners Council. Contact Harry Ford at 301.845.4301 for additional information.
- **February 18th from 9-3:30:** The Stream Waders volunteer monitoring program training will be conducted at ThorpeWood. Contact Dan Boward for more information by email at dboward@dnr.state.md.us or by phone at (410) 260.8605.
- **February 21st at 7:30:** Outdoors Maryland will be airing a segment on covered bridges in Maryland. A local Frederick County bike club served as 'live-action' extras in the filming they did when the crew visited the Loy's Station, Roddy and Utica covered bridges.
- **February 22nd from 6-8 pm:** OPPORTUNITY FOR PUBLIC REVIEW AND COMMENT - MD Department of the Environment will host three informational public meetings. The public is cordially invited to attend a meeting in a region of their choice. Any hearing impaired person may request an interpreter to be present at the meeting by giving five (5) working days notice to Deanna Miles-Brown, MDE Regulations Coordinator, at (410) 537-3173. Comments or questions may be directed in writing to Linda Watson MDE, Technical and Regulatory Services Administration, 1800 Washington Blvd., Baltimore Maryland 21230, emailed to 303d@mde.state.md.us, or faxed to the attention of Ms. Linda Watson at 410-537-3873 on or before March 8, 2006. After consideration of public comments, a final List will be prepared and submitted to the US EPA for approval.

Western Maryland Region

Location: Hagerstown

University System of Maryland at Hagerstown, Room 124

32 W. Washington St.

Hagerstown, MD 21740

(240) 527.2060

- **February 23rd from 8-3:30:** Pollution Prevention Planning and Environmental Compliance - A Workshop for Local Business at the Carroll Community College. The focus of the workshop is local business in, but many of the concepts and principles also apply to aspects of government. Please take a look at the flyer and agenda and if you are interested, please call the Community College at 410-386-8100 to register. The course registration number is SBA361A3, the cost is \$20.00, including breakfast and lunch.
- **February 23rd from 6-8 pm:** Linganore Public meeting - The County's consultant, Versar, Inc., will be sharing data collected about the Linganore watershed and looking to get feedback regarding potential stormwater retrofit and stream restoration opportunities. The meeting will be held at New Market Elementary school. Please contact Shannon Moore by phone at (301) 694.1413 or by email at smoore@fredco-md.net for more information.
- **February 25th from 10 am-noon:** Watershed Forum presented by the New Forest Society in Emmitsburg, Maryland. For questions and to RSVP, call (301) 271.4459.
- **February 28th at 7 pm:** Author Ed McMahon will present "Sustainable Tourism" in the Byrd Auditorium at the National Conservation Training Center in Shepherdstown, WV.

McMahon will explain the role and effects of tourism on gateway communities and public lands and present methods to manage tourism to maximize its benefits while minimizing its negative impacts. McMahon lays out in new ways the economic benefits and costs of tourism, the various types of tourism and tourists, and planning strategies that encourage repeat visits by tourists who pass through on their way to attractions on public lands.

Real-world case studies will illustrate the presentation. Ed McMahon is the Urban Land Institute Charles Fraser Senior Resident Fellow for Sustainable Development. ULI, based in Washington, D.C., is a nonprofit education and research institute supported by its members. Its mission is to provide responsible leadership in the use of land in order to enhance the total environment.

The talk is free and open to the public. No tickets or reservations are required. It is part of a monthly series of "Conservation & Community" public lectures held at the National Conservation Training Center. For more information on the series please visit the web site: <http://training.fws.gov/history/publiclectures.html> or contact Mark Madison by email at Mark_Madison@fws.gov or by phone at (304) 876.7276.

March 2006

- **March 2nd & 3rd:** The Upper Potomac Roundtable Conference hosted by the Upper Potomac Tributary Team will be held at the National Conservation and Training Center in Shepardstown, WV. For further information contact Carrie Decker by phone at (410) 260.8723 or by email at cdecker@dnr.state.md.us
- **March 7th at 4 pm:** A Seminar co-sponsored by Hood College Biology Department and the Maryland Chapter of the American Chestnut Foundation - Chestnut Blight Biological Control: Applying Biotechnology to the Forest presented by Dr. William MacDonald, Division of Plant and Soil Science, West Virginia University. This Seminar is open to the entire Hood community and the general public and will be held in the Hodson Science Building, Room 114. If you have any questions, contact Essie Burnworth at hburnworth@msn.com
- **March 10th:** Deadline for application for the Highlands Environmental Leadership Program
- **March 15th:** Deadline for entries for the Junior Duck Stamp Program and Art Competition. For more information on the program and the competition please visit www.fws.gov/duckstamps/junior/junior.htm
- **March 16th 9:00-4:30:** Potomac Watershed Trash Summit - Learn how eliminating trash will restore the waters of the Potomac. Discuss regional solutions and implementation techniques to solve the trash problem. Plan strategies for regional collaboration. Take action on opportunities and incentives for becoming Trash Free by 2013!
- **March 17th-19th:** Circle of Sustainable Entrepreneurs Meeting - From Wal-Mart to Small-Mart - This course will provide participants with an understanding of the global economy and sustainable local alternatives for individual and community economic empowerment. Participants will gain an understanding of cutting-edge, community-based economic systems rooted in local ownership, self-reliance, sustainability, and justice. The course will provide more than 100 practical tools for local planning, local entrepreneurship training, local investing, local purchasing, and local policymaking.
- **March 22nd 1-3 pm:** EPA's Watershed Academy to Sponsor Webcast on Sustainable Financing for Watershed Groups - EPA sponsors monthly Webcasts to offer free training and information for watershed practitioners from around the globe. These two-hour audio Web broadcasts build local capacity and support the watershed pillar of EPA's Sustainable Water Infrastructure Initiative by helping watershed organizations, agencies, municipalities, and private industry create more sustainable communities using a coordinated watershed approach. Wendy Wilson and Pat Munoz from River Network will explore the keys to effective fundraising, including organization essentials and top fundraising strategies and plans. Registration is

available on a first-come/first-served basis and will open approximately one week before the seminar. Each Webcast includes a Web-based slide presentation with a companion audio portion that can be accessed either by phone or by streaming audio broadcast. For more information, visit: <http://www.epa.gov/watershedwebcasts>.

- **March 23rd 7-9 pm:** Landscaping for People and Wildlife - A Walkersville Community Workshop on Low Impact Development (LID) at the Walkersville Town Hall, 21 West Frederick Street, Walkersville, MD. Topics will stress the people aspect of becoming involved as much as the fact that we are also contributing to the preservation of wildlife and their habitats, and the Chesapeake Bay. For more information send an email to ecorslve@earthlink.net
- **March 28th 1-3 pm:** Riparian Buffer Survey Meeting presented by the New Forest Society. Location: Mount St. Mary's University, Emmitsburg, MD.
- **March 28, 8:00-10:00pm, EST:** The Izaak Walton League presents: Wetland-Friendly Backyard - the webcast includes information on how to create rain gardens, install rain barrels, landscape with native plants, and reduce pesticide and fertilizer use. What you plant in your garden and how you take care of your lawn can affect water quality in your neighborhood. In this Webcast series, the concept of backyard conservation will be introduced, as well as some of the basic things people are doing to make their yards more eco-friendly. The focus of this segment will be practical, and will include how-to sections on creating rain gardens, installing rain barrels and designing wetland-friendly landscapes on your own property. Additionally, we will document the experiences of actual homeowners that have successfully implemented these practices in their own yards. For more information, contact Suzanne Zanelli, 301-548-0150, ext. 223; szanelli@iwla.org or visit www.iwla.org and click on Webcasts to register.
- **March 30th 1-2:30 pm:** Monocacy & Catoctin Watershed Alliance meeting at Hood College. Contact Kay Schultz at 301.694.1741 or by email at kschultz@fredco-md.net
- **March 31st:** Deadline for applications to the Bay Restoration Fund
- **March 31st:** Deadline for applications for assistance to Maryland farmers to transition to organic farming

April 2006

- **April 1st from 8-12:** Clover Hill Park will hold its annual Arbor Day event. Neighbors, friends, and any interested nature lovers are invited to help with tree planting, mulching, and general clean-up. Please bring a shovel and, if you are able, a wheelbarrow. Call Greg Powell at 301.663.7753 for details and directions.

- April 1st from 9-1:** Cattail Run Stream Buffer Planting in the Upper Potomac Watershed (near Leesburg, VA) - Charles Town, West Virginia - We will be revisiting CBF's first Farm Stewardship project in West Virginia in the Upper Potomac watershed. The project will consist of planting 1,000 native trees and shrubs along an additional 4,000' of stream on a beef cattle farm. The cattle have recently been fenced out of the stream through US Fish and Wildlife Services Partners for Wildlife program. We encourage adults, families and community groups to volunteer. Refreshments and tools provided, but bring work gloves and shovels if you have them. Project partners include the US Fish and Wildlife Service, the Mid-Atlantic Council of the Federation of Fly Fishers, Shepherd University and the Natural Resources Conservation Service. To sign up, please contact Marcy Damon at 443.482.2156 or email mdamon@cbf.org
- April 6th at 8am:** Potomac Valley Fly Fishers Trout stocking for Hunting Creek and some for Carroll Creek. Stocking will begin at the trout pen behind the Frederick County Health Department off of Montevue Lane. Any persons and youths that literally want to jump into the pen to help us net the fish, bring your waders. A change of dry clothes wouldn't hurt in case you get "baptized" in the pen. We will also be running fish over to Carroll Creek in case you want to stock our newly completed stream project. After netting the fish, the fish will be transported to Hunting Creek for stocking in the flyfish area only . We will be doing a stream cleanup along the road simultaneously as we stock so wear bright road visible clothing (DAYGLO) and dress for the weather. If you would like to remain and fish that's cool also. For those that don't want to fish Hunting Creek, Ron Graunke will be doing a pond circuit or possibly lake fishing for the rest of the day. Even a tour of Beaver Creek trout could be arranged if people are interested. Make sure to bring a lunch/snack and don't forget to call in sick that daycough cough. For additional information contact Ron on his cell phone at 240-674 5891 or Randy at 240-446-6663
- April 6th, 8th, and 9th (2nd Thursday and weekends):** Friends of Waterford Park work sessions. Choose whatever session is best for you. There will be mulching, planting, invasive species removal, meadow establishment, and watering. Meet at the bridge closest to Baughman's Lane. Contact Ginny Brace at 301.682.6135 or by email at ginny4ftp@aol.com for additional information.
- April 8th from 9-12:** Mark your calendars for The Potomac River Watershed Cleanup - Join the Alice Ferguson Foundation, Frederick County Government, Potomac Conservancy and many others in cleaning up the Potomac River watershed. Please check back for more information on cleanup sites.
- April 8th from 9-12 pm (rain or shine):** Bush Creek Tree Planting - Come and help replace trees that have suffered damage and/or mortality since their original planting in 2001 at the Old National Pike District Park.

- April 8th from 9 am-12 noon:** Maryland DNR, Forest Service is seeking assistance putting together Backyard Buffer tree bundles. Backyard Buffer is a program directed toward citizens who own property adjacent to streams and creeks. Our goal is to plant trees in rural and urban areas that will reduce nutrients in the soil, create wildlife habitat, cool stream temperatures, stabilize stream banks and reduce soil erosion. We will be meeting at Gambrill State Park. Bring gloves, clothes and shoes that you don't mind getting dirty. We will provide snacks and beverages. RSVP to Cody in the Hagerstown Forestry Office, 301-791-4010 or cmiller@dnr.state.md.us.
- April 8th from 9-1:** Forest Buffer Planting in the Monocacy Watershed(Frederick/Carroll County Area, MD) - CBF is continuing its Farm Stewardship Program in the Monocacy watershed and we need your help to plant hundreds of native trees and shrubs to protect this State Scenic River and the Bay! This is an ideal project for adults, families and community groups. Refreshments and tools provided, but bring work gloves and shovels if you have them. Partners include the Chesapeake Bay Trust, Community Commons, Frederick and Carroll County Soil Conservation Districts, Hood College, Thorpewood, Boy Scout Venturing Club, Maryland DNR Forest Service, Hashawa Environmental Center, Mid-Atlantic Council of the Federation of Fly Fishers, Trout Unlimited, the Federated Garden Clubs of Maryland, Inc. and the US Fish & Wildlife Service. To sign up: contact Marcy Damon at 443-482-2156 or email mdamon@cbf.org
- April 11th:** Volunteer in Libertytown - Join Liberty Village residents, working with Master Gardener, Jim Gallion to construct Phase 1 of two rain gardens. Phase 1 of the rain garden construction will include sod removal and berm building. For additional details, contact Earlene Duncan by phone at 301.898.8882 or by email at eduncan483@aol.com. See April 29th and May 6th for information on helping with Phases 2 and 3!
- April 12th at 7:30 pm:** Friends of Waterford Spring Meeting - There will be a presentation, "Waterford Park- Present and Future: How to Transform Acreage into a Haven of Native Plants", from Maryland DNR foresters Mike Kay and Phil Pannill. Location: Recreation Center (Old Armory) in Baker Park at 2nd and Bentz Streets. For more information email Ginny Brace
- April 15th:** Backyard Buffer bundles will be handed out to participants. Contact Cody Miller by phone at 301-416-7261 or by e-mail at cmiller@dnr.state.md.us.
- April 15th:** Application deadline for the Natural Resource Careers Conference - Contact Mike Kay (301) 473.8417 with questions.
- April 19th at 7 pm:** "Landscaping Your Yard with Native Plants" - The benefits of using native plants in our yard landscaping plans are many. They typically grow vigorously and require little care. In addition, they support all the birds, butterflies and other critters that have evolved with the plants over many centuries. Use of fertilizers and pesticides are not required. Also, watering, after first year

establishment of root system, is seldom needed. However, protecting the new plants from browsing and weed competition is important for success. Joe Barley, owner of Clear Ridge Nursery - a native plant nursery near Union Bridge, will share his knowledge of growing native plants with us. Joe has done many habitat restoration projects in this area. He will inform us of some easy, simple things we can do to have good success with our native plant gardens. The Central Maryland Audubon is glad to have Joe come and visit with us. This educational Audubon program will be at the Mt. Airy Library and is open to all. There is no fee nor is registration required. For info please visit www.centralmdaudubon.org, call Bill at 410.795.6546 or email at us013410@mindspring.com; call Bob at 301.831.5660 or email at rjs30@erols.com; call Elaine at 410.381.0449 or email at dpardoe@erols.com.

- **April 20th from 1-2:30 pm:** Third Thursdays at ThorpeWood - Join us for Cheryl's storytime. The theme is FLOWERS! Spaces are limited: Call ahead to reserve a spot at 301.271.2823
- **April 21st from 9-3:** Plant Trees & Protect a Stream - Windsor Knolls Elementary School, Frederick, Maryland. Come out for a fun day of planting trees to help green a tributary of Bennett Creek. Join the Potomac Conservancy and teachers, parents, and students of Windsor Knolls Elementary School to plant along a stream that flows through the campus. Volunteers will plant a variety of native tree seedlings, including pin and willow oaks, American plums, and sycamores. They will also install tree tubes to protect the seedlings from being eaten by deer. In a few years, the planted trees will filter pollutants and reduce streambank erosion, protecting the water quality of Bennett Creek and the Potomac River. This project is part of a targeted restoration program in the Bennett Creek watershed that is funded by the Chesapeake Bay Trust. Volunteers of all ages are welcome and no experience is necessary. Gloves, shovels, and other supplies will be provided.

To RSVP (required), contact: Bryan Seipp, Director of Restoration, seipp@potomac.org.

- **April 21st at 10 am:** Millionth Tree Planting Celebration -Highlight Cooperative Conservation through the planting of the 1,000,000th tree in a riparian conservation buffer system in Frederick County (about 8 million trees planted in state of Maryland) since CREP began in 1997. Highlight the fact that being in CREP (protecting streams) makes your land more desirable for CSP and other conservation programs by proving higher levels of benefits. Click here for more details.
- **April 22nd:** The Big Sweep - Join Volunteer Frederick, Frederick County Government, environmental groups as well as businesses, schools, churches, and other local nonprofit agencies and pick up trash at selected local roadsides, illegal dumpsites, parks, and waterways, within the Monocacy watersheds. Contact Volunteer Frederick for registration and fundraising information by phone at (301) 663.5214 or by email at JeanneM@VolunteerFrederick.org. The New Forest Society and Mount St. Mary's University Students are teaming up to clean-up Emmitsburg by

participating in The BIG Sweep. They plan to clean-up Annandale Road & Scott Road. For additional information please contact Catherine Forrence by phone at (301) 447-3017 or by email at 404westmain@adelphia.net

- **April 22nd at 9am:** Help celebrate Earth Day by participating in a Forest Buffer Planting at Waterford Park. For more information contact Ginny Brace, President of FWP by phone at – (301)682-6135 (home) or (240) 353-7303 (cell) or by email at ginny4ftp@aol.com
- **April 22nd at 8:30 am:** Help the Frederick Forestry Board with their Maryland Parks Centennial Celebration. They will be planting a white oak near Baughman's Lane in Rock Creek Park. The state is donating a white oak to each Maryland County and Baltimore City to plant in its jurisdiction as part of this commemorative celebration. Please RSVP to ginny4ftp@aol.com
- **April 22nd at 9 am:** Volunteers needed! Come help the Maryland DNR Forest Service plant trees on Montevue Lane in Frederick next to the Maryland Extension office along the Frederick City Greenway. They will be replacing trees from the previous years planting that didnt make it. Drinks and snacks will be provided. Please contact Cody Miller by email at CMiller@dnr.state.md.us or by phone at 301-416-7261
- **April 25, 8:00-10:00pm, EST:** The Izaak Walton League presents: Wet Spots into Wonderlands - the webcast help you learn the benefits of having wetlands on your property, how to protect those wetlands, and how to create vernal pools or bog gardens. Do you have a wetland on your property? Discover the many benefits (both environmental and economic) of "greening" your property, and find out how you can ensure that these sensitive ecosystems remain healthy. No wetlands on your property? Learn how to create vernal pools and backyard bogs that are guaranteed to attract wildlife and reduce storm-water runoff. Using low-cost materials and simple techniques, this program will demonstrate how you can transform your backyard landscape into a "greenscape." For more information, contact Suzanne Zanelli, 301-548-0150, ext. 223; szanelli@iwla.org or visit www.iwla.org and click on Webcasts to register.
- **April 29th from 9 am - 12 noon:** Master Gardeners Native Plant Sale. The event will be held rain or shine. Click here for additional information.
- **April 29th 9am- 2pm:** Native Plant Sale at the Audrey Carroll Audubon Sanctuary. The event is rain or shine. There will be native trees and shrubs, flowers for butterflies and hummingbirds, and herbs for your kitchen among other things available for purchase. Click here for a list of plants that will be available at the sale!
- **April 29th:** Volunteer in Libertytown - Join Liberty Village residents, working with Master Gardener, Jim Gallion to construct Phase 2 of two rain gardens. Phase 2 of the rain garden construction will include soil preparation and garden edge definition. For

additional details, contact Earlene Duncan by phone at 301.898.8882 or by email at eduncan483@aol.com. See April 11th and May 6th for information on helping with Phases 1 and 3!

- **April 29 from 9-2:** Stream Bank Restoration and Buffer Planting in the Antietam Watershed (just over the Maryland line) - Waynesboro, PA - Come join the fun - we'll be planting hundreds of native trees and shrubs along a tributary of Antietam Creek. As part of CBF's Farm Stewardship program, this project will restore several thousand feet of stream banks, reduce erosion and shade the stream to maintain coldwater temperatures for native trout. Equipment and tools provided. Partners include the Antietam Watershed Association, Franklin County Conservation District, Antietam Fly Anglers, Mid-Atlantic Council of the Federation of Fly Fishers, Penn State at Mont Alto, Trout Unlimited, US Forest Service, Waynesboro Lions Club, the US Fish & Wildlife Service and the National Fish and Wildlife Foundation. To register, please contact Marcy Damon at 443-482-2156 or email mdamon@cbf.org
- **April 30th from 4-8 pm:** ThorpeWood Community Potluck Dinner - For additional information call 301.271.2823 or visit the website at www.thorpewood.org

Kevin Haney will speak about edible plants and we'll take a walk to find some outside! Bring an appetizer, dessert or something yummy to add to the vegetarian soup pot.

Kevin Haney bio:

Kevin Haney is a founding member and current Coordinator for the Mid-Atlantic Primitive Skills Group, a group that is devoted to helping its members become more proficient at the whole range of primitive skills and living in harmony with the Earth. Kevin has been studying primitive skills and neo-aboriginal philosophies for twelve years now and organizing MAPS events for the last nine years. He also currently serves as Vice President of Ancestral Knowledge, a non-profit organization whose goal is to teach ancient and modern technologies, activities, and philosophies that support a sustainable lifestyle. He lives in a log cabin in the woods outside of Thurmont.

May 2006:

- **May 6th at 10 am:** Libertytown, Maryland - Come help plant native plants in community rain gardens that help filter and slow down stormwater run off, attract wildlife and improve water quality. Four rain gardens have been constructed in Libertytown: one in front of Liberty Elementary School and three in Liberty Village, a housing development just beyond Libertytown Park, off Route 26. This is a great opportunity to meet neighbors, work with people of all ages, get acquainted with native plants and learn how to add similar features to your own yard to filter pollutants, increase ground water recharge, and attract beneficial wildlife. Contact Kay Schultz at 301.694.1741 or kschultz@fredco-md.net or Earlene Duncan at 301.898.8882 or eduncan483@aol.com.

- **May 6th:** Volunteer in Libertytown - Join Liberty Village residents, working with Master Gardener, Jim Gallion to construct Phase 3 of two rain gardens. Phase 3 of the rain garden construction will include planting herbaceous plants. For additional details, contact Earlene Duncan by phone at 301.898.8882 or by email at eduncan483@aol.com. See April 11th and 29th for information about helping with Phases 1 and 2!
- **May 11th, 13th, and 14th (2nd Thursday and weekends):** Friends of Waterford Park work sessions. Choose whatever session is best for you. There will be mulching, planting, invasive species removal, meadow establishment, and watering. Meet at the bridge closest to Baughman's Lane. Contact Ginny Brace at 301.682.6135 or by email at ginny4ftp@aol.com for additional information.
- **May 12th and May 13th:** The Izaak Walton League's Save Our Streams & Maryland DNR's Stream Waders Workshop - Friday May 12, 2006 (5:45pm-9:00pm) & Saturday 13, 2006 (7:45am-4:00pm) - Rain or Shine

Location: The Izaak Walton League of America Sportsman's Chapter, Harford County - 5018 Onion Road, Pylesville, Maryland

Who can participate: No experience or science background necessary. Participants must attend BOTH days of this workshop.

What to Bring: This workshop will include time in the field, please dress according to the weather conditions (e.g. rain gear, sunscreen, hats, warm clothes). *Bring waders or knee boots if you have them; some knee boots will be available to borrow.

How to Register: Contact Kami Watson-Ferguson at kami@iwla.org or 301.548.0150 ext. 220 for a registration form.

Registration Deadline: Tuesday May 9, 2006 (Extended) or until full. Registration is on a first-come, first-served basis with a maximum of 40 participants.

Cost: Izaak Walton League members; registration is free. Non-members; \$36 Individual IWLA membership fee. (Family, youth, and other memberships available. Inquire for more information). Lunch and drink provided by Sportsman's Chapter for \$8. Please bring cash.

What you get: All participants will receive training in both the Save Our Streams protocol and the Maryland DNR's Stream Waders protocol. All participants will receive a variety of educational materials and resources (\$60+ value). In addition to training and resources, non-IWLA members will be registered as IWLA Members-At-Large and will receive membership benefits beyond this workshop, including a year's subscription to the League's magazine Outdoor America, reports and newsletters, online advocacy opportunities, discounts on publications, and more.

Questions?: For more information or if you have questions please contact Kami Watson-Ferguson by email at kami@iwla.org or by phone 301-548-0150 ext. 220.

If you are coming from out of town, reasonably priced accommodations are available at the nearby Peach Bottom Inn, 6085 Delta Road, Delta, Pennsylvania 17314; (717) 456-9831. Rooms are limited so you may want to make your reservations early, accommodations are not provided for by the workshop.

- **May 13th - May 21st:** Help Keep America's Waterways Clean - OUR WATERWAYS NEED YOUR HELP! National River Cleanup Week traditionally occurs during the second or third week of May each year. It was originally conceived in 1991 by America Outdoors AE in response to a recognition that America's streams and rivers were in need of cleaning due to the careless disposal of trash and other debris National River Cleanup Week AE a 501(c) (3) is a non-profit organization whose mission is to raise the public's awareness of the magnitude of trash accumulating in our nation's waterways.

This annual event traditionally occurs the second or third week of May. Green Mountain Coffee Roasters is the presenting sponsor for National River Cleanup Week AE 2006. Perception, Thule, Wilderness Systems, the Bureau of Land Management and the USDA Forest Service are contributing sponsors. Additional support is provided by Patagonia, The Shimoda Group and Timberland. America Outdoors AE, the national association for outfitters and guides, is the coordinating sponsor of National River Cleanup Week. National River Cleanup Week AE provides cleanup kits, safety guidelines, support materials and trash bags for local cleanups that register during the designated week. Outfitters, agencies, civic clubs, paddlesports clubs, schools, and environmental groups typically organize cleanups. Non-profit partners are American Canoe Association who is offering members insurance for their events, American Whitewater, National Forest Canoe Trails, and River Network. America Outdoors AE was the proud recipient of the 1991 Enjoy Outdoors America Award for initiating the event of National River Cleanup Week.

ORGANIZING YOUR CLEANUP: Anyone interested in organizing a cleanup effort in their area is encouraged to call for a registration form from America Outdoors AE at 865.558.3595. Registering your cleanup is free.

- **May 20th from 8 am to noon:** Frederick County Residential Household Hazardous Waste Dropoff Day at the Public Safety Training Facility.
- **May 23rd at 7 pm:** Waste Management Solutions for the 21st Century - Frederick County's Options - Please join us for free public seminar with Neil Seldman, president of The Institute for Local Self Reliance. Held at Hood College, 401 Rosemont Avenue Alumnae Hall (Administration Building), room 305. Light refreshments will be served.

The subject of this presentation is waste management solutions. As Frederick County's landfill reaches capacity, we are at a crossroads. Citizens need to be informed as to cost effective and environmentally responsible methods for reducing waste. Neil Seldman has over 30 years' experience helping communities develop sustainable programs in comprehensive recycling, composting, bio conversion technology and other cutting edge methods for managing waste. Since Frederick County's landfill is owned by the county—by its citizens—we all have a stake in how it functions and how to proceed with common sense approaches in reducing, reusing, recycling and restoring in the 21st century.

- **May 24th at 5:30 pm:** Upper Potomac Tributary Team Meeting at Allegany County Soil Conservation District Office in Cumberland, MD.
- **May 25th from 1-3 pm:** Monocacy & Catoctin Watershed Alliance bimonthly meeting at Room 208, Hodson Building, Hood College. For more information contact Kay Schultz at kschultz@fredco-md.net or 301 694-1741.

June 2006:

- Every Tuesday from 9:30-12 pm: Garden Day at ThorpeWood with Jim Gallion. The weather's nice and cool and the newly transformed garden is taking shape. There's still lots to be done in the Butterfly Garden and volunteers are very welcome. We'd love if you could spare some time to join us.
- **June 2nd:** Reality Check Plus - How Will Maryland Grow Over the Next 25 Years? hosted in Hagerstown, MD - This is a unique program designed to foster collective visioning about regional growth. Sponsored by Urban Land Institute-Baltimore, the University of Maryland's National Center for Smart Growth Research and Education, and 1000 Friends of Maryland, Reality Check Plus will bring together a diverse group of organizations and various stakeholders, including politicians, developers, environmentalists, and business and civic leaders at four regional growth visioning exercises. To become more involved or to find out more about Reality Check Plus, visit www.realitycheckmaryland.org
- **June 2nd:** Comment period ends on how to improve the draft version of the Tributary Strategy Implementation Plan. Comments can be sent to the Tributary Strategies Program, MD DNR Tawes Building E-2 580 Taylor Avenue, Annapolis, MD 21401 or emailed to jbaxter@dnr.state.md.us
- **June 3rd:** Upper and Middle Potomac Paddle Trip in Frederick County. Click here for more details.
- **June 8th, 10th, 11th (2nd Thursday and weekends):** Friends of Waterford Park work sessions. Choose whatever session is best for you. There will be mulching, planting, invasive species removal, meadow establishment, and watering. Meet at the

bridge closest to Baughman's Lane. Contact Ginny Brace at 301.682.6135 or by email at gabby4ftp@aol.com for additional information.

- **June 8th from 4-8 pm:** Join ThorpeWood at their American Chestnut Orchard for an inoculation clinic. They will be inoculating 100-150 trees to test for survival. Those trees that survive will be used in their breeding program. Rain date is set for June 9th from 1-5 pm. Click here for more information.
- **June 8th at 7:00 pm:** Local author Mark Benedict will present “Green Infrastructure: Linking Landscapes and Communities” in the Byrd Auditorium at the National Conservation Training Center in Shepherdstown, WV.

The presentation is free and open to the public. No tickets or reservations are required. It is part of a monthly series of "Conservation & Community" public lectures held at the National Conservation Training Center. The series is co sponsored by the Friends of NCTC. For more information on the series please visit the web site: <http://training.fws.gov/history/publiclectures.html> or contact Mark Madison by email at Mark_Madison@fws.gov or by phone at 304.876.7276.

Dr. Benedict is The Conservation Fund’s Senior Associate for Strategic Conservation. The presentation will be based on his newly released book co-authored with Ed McMahon of the Urban Land Institute. Following the presentation, Joe Hankins, Director of The Conservation Fund’s Freshwater Institute, will provide an overview of the Jefferson County Green Infrastructure Assessment.

Communities all across America are facing the same challenge – how to grow without sacrificing the natural, historic and cultural features that improve quality of life for residents, attract visitors and new business and bolster the economy. With land consumption and fragmentation accelerating, communities need a better way to proactively decide what lands to develop and what lands to conserve. Green infrastructure helps communities make this vital choice by bringing diverse people and organizations together to create a blueprint for future growth while ensuring that important natural resources and community assets will be preserved for future generations.

Providing both the historic framework for the importance of greenways and green space networks, and practical advice on how to design and implement them, Mark Benedict and Ed McMahon’s new book, *Green Infrastructure: Linking Landscapes and Communities*, 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* looks 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.

The Jefferson County Green Infrastructure Assessment will support strategic natural resource conservation and land use planning while reflecting county-wide needs and

the county's regional ecological and cultural context. This project provides an excellent opportunity to apply green infrastructure concepts and practices locally.

Both presenters reside in the Eastern Panhandle and are involved in local land and water conservation activities: Benedict as a board member of the Land Trust of the Eastern Panhandle and Hankins as a member of the Jefferson County Water Advisory Committee.

- **June 9th at 10 am:** Join Community Commons to celebrate the unveiling of a marker for paddlers provided through a partnership with the Chesapeake Bay Gateways Network. Meet at the Monocacy Boulevard river access ramp. Click here for a map (The site is located at site #6). For questions, please call 301.662.3000.
- **June 10th from 11-3:** The Potomac River Family Festival and The Great Brunswick River Race at the Brunswick Family Campground in Brunswick, MD.
- **June 12th-16th:** SUMM 011 Non-Credit Workshop: Ecological and Geomorphic Principles of Stream Restoration - This workshop focuses on the fundamental ecological, hydrologic, and geomorphic principles underlying effective stream restoration. The workshop consists of practical field exercises as well as lectures, discussions, and readings. The workshop is through the University of Maryland and will be held at Cromwell Valley Park (Sherwood House), Maryland.
- **June 14th from 12-2 pm:** Catoctin, Antietam and Monocacy Brookie Initiative (CAMBI) Group meeting at Gambrill Park Tea Room, High Knob Area, Gambrill State Park. Bring brown bag lunch. For additional information contact Kay Schultz at 301.694.1741 or kschultz@fredco-md.net or Doug Hutzell at 301.491.1330 or doug.hutzell@myactv.net
- **June 17th:** New Forest Society - 5th Anniversary Celebration. For additional information contact Catherine Forrence at 301.447.3017 or 404westmain@adelphia.net or Elizabeth Prongas at 301.271.4459 or arteliza@verison.net
- **June 21st from 3:30-8:30 pm:** Better Stormwater Management through Site Design for Pennsylvania municipal officials. Click here for a flyer with additional information.
- **June 24th from 1-2 pm:** Life by the River: An Oral History - River Center at Lockhouse 8, C&O Canal, Cabin John, Md. Park at Clara Barton Parkway Lock 8 pullout. Hear stories from Christine Cerniglia, former president of the C&O Canal Association and Kathleen Carroll who lived at Lock 8 and will tell about what it was like to live and play by the canal and Potomac River in the early mid-1900's. This Potomac Conservancy event is suitable for children and is part of Montgomery County Heritage Days activities. Admission is free. For additional information please call 301.608.1188 x 212.

- **June 25th from 3-4 pm:** Canoe Building Demonstration - River Center at Lockhouse 8, C&O Canal, Cabin John, Md. Park at Clara Barton Parkway Lock 8 pullout. Come learn how to build a hand-made canoe and the best places to paddle on the Potomac. Canoeist Jim Ross will show models and talk about the art of canoe building. This Potomac Conservancy event is suitable for children. Admission is free. For additional information please call 301.608.1188 x 214.
- **June 28th:** EPA's Watershed Academy sponsors monthly Webcasts to offer free training and information for watershed practitioners around the globe. The next Webcast on Wednesday, June 28th will feature Charlie MacPherson with Tetra Tech, Inc. and Christopher Conner with the Chesapeake Bay Program. These widely renowned outreach specialists will provide an overview of social marketing principles and then proceed through the steps needed to make audiences aware of an issue, recognize audiences? underlying motivations, and encourage behavioral change. A case study presentation will highlight the key social marketing principles used to change behaviors in the Chesapeake Bay Watershed.

Registration is available on a first-come/first-served basis and will open on June 21, 2006. Each Webcast includes a Web-based slide presentation with a companion audio portion that can be accessed either by phone or by streaming audio broadcast. For more information, please visit <http://www.epa.gov/watershedwebcasts>.

- **June 28th:** Upper Potomac Tributary Meeting at Woodmont Lodge in Washington County. Paul Kazyak, who works at DNR and is also the Highlands Action Program coordinator for Maryland will be talking to about the program and what benefits and projects may be coming to the Upper Potomac area. RSVP required by June 8th! -- dinner will be \$16.00 per person, and rooms if you want to stay are \$45. We will have roasted pheasant for dinner, and vegetarian is an option. Vegetarian option will be pasta with tomato sauce and salad. Please contact Carrie Decker at 410.260.8723 or by email at CDecker@dnr.state.md.us if you plan to attend.
- **June 29th from 4-7 pm:** Learn how to access \$3 million in grants for Chesapeake Bay restoration projects during an informative workshop!

Whether you are a beginning grant writer or a seasoned professional, this training workshop will increase your ability to develop winning grant proposals. During this workshop, you will:

- Increase your awareness of Trust grant programs, including a special session on the upcoming Community Greening grant initiative.
- Learn from experienced grantees and natural resource professionals about real-life examples in the areas of grant writing and project implementation.

- Learn more about training opportunities and working with technical assistance providers.
- Receive guidance on producing grant applications that succeed.
- Network with other workshop participants to learn more about current Chesapeake Bay watershed restoration efforts.

Join us at the Washington Suburban Sanitary Commission in Laurel, Maryland. For a meeting agenda and directions, see <http://www.cbtrust.org/grantopportunities.html>

To register, contact Jennifer Pruchniewski by Tuesday, June 27 at jpruchniewski@cbtrust.org or call 410.974.2941, ext. 104. (Please note photo identification is required for entrance.)

July 2006:

- **July 6th, 8th, and 9th (2nd Thursday and weekends):** Friends of Waterford Park work sessions. Choose whatever session is best for you. There will be mulching, planting, invasive species removal, meadow establishment, and watering. Meet at the bridge closest to Baughman's Lane. Contact Ginny Brace at 301.682.6135 or by email at ginnny4ftp@aol.com for additional information.
- **July 9th at 7 pm:** Butterflies: Monarchs and More. Presentation by Wildlife Gardening Adventures. Presentation is open to the public. Please bring a covered dish to share. No Charge check their website for more information at: www.thorpewood.org
- **July 15th:** Businesses for the Bay Awards Deadline - Are you aware of an organization that has a waste reduction, energy, water, or natural resource conservation success story to share? Businesses for the Bay is currently accepting applications for the following awards:
 - * Outstanding Achievement for Pollution Prevention (separate awards for Small, Medium, and Large-Sized Businesses)
 - * Outstanding Achievement for a Government Facility (separate awards for Local, State and Federal government)
 - * Outstanding Achievement for Nutrient Reduction
 - * Partner of the Year
 - * Mentor of the Year

To apply, the organization must be a member of Businesses for the Bay, which they can join online at www.b4bay.org. There's no cost to join.

Click here for the award application. Click here for award instructions. Applicants should be sure to address all topic areas of the application to gain full credit for their efforts. Contact Laura Armstrong, Pollution Prevention Coordinator, Maryland Department of the Environment by phone at 410.537.4119 or by email at larmstrong@mde.state.md.us with any questions about the application process. We really hope to see some Maryland award winners at the podium this year!

- **July 18th at 10 am:** Purple Loosestrife Scout Training at ThorpeWood - Purple loosestrife is a highly invasive non-native plant that threatens significant portions of Maryland's marsh, swamp, river, and coastal habitats. By crowding out native wetland and aquatic species, purple loosestrife can reduce biodiversity, eliminate food sources for marsh animals, and change water flow patterns.

The Department of Natural Resources (DNR), in partnership with the Maryland Department of Agriculture (MDA) and the State Highway Administration (SHA), has begun a program to identify, treat, and ultimately eradicate purple loosestrife within our state. We need your help in order to make this effort a success.

The history of the weed in Maryland, methods of field identification, removal options, and use of on-line reporting forms will be discussed. For additional information email info@thorpewood.org or call 301.271.2823

- **July 20th from 1-3 pm:** Monocacy and Catoctin Watershed Alliance meeting. The meeting will be held at The Common Market, 5728 Unit B-1, Buckeystown Pike, Frederick, MD 21704. For more information contact Kay Schultz at kschultz@fredco-md.net or 301.694.1741.
- **July 22nd at 10:30 am:** Maryland Chapter of the American Chestnut Foundation will present information on American Chestnut Research in the Community Room of the Frederick Library. Click here to view the press release. For more information, contact Essie Burnworth, President, Maryland Chapter of The American Chestnut Foundation at 301.762.6715
- **July 26th from 5:30-7:15 pm:** Upper Potomac Tributary Team meeting in Frederick, MD at Winchester Hall. Click here for agenda and directions.
- **July 28th:** Maryland Brook Trout Alliance (MBTA) Meeting at ThorpeWood. Space limited. For further information contact John Fritts at 301.271.2823 or jfritts@thorpewood.org or Sam Castleman at 301. 271.2823 or scastleman@thorpewood.org
- **July 31st:** Application deadline for grants from FishAmerica Foundation for Conservation and Research Projects up to \$15,000. Funds will be awarded to nonprofit organizations in the United States and Canada for projects that directly enhance water quality, habitat, and/or sport fish populations and that have regional or national implication. Click here for more information

August 2006:

- **August 1st:** Application deadline for Rivers, Trails, and Conservation Assistance Available to Counties

The National Park Service Rivers, Trails and Conservation Assistance Program (RTCA) is currently accepting applications for technical assistance in FY2007. RTCA works with local governments, community groups, nonprofit organizations, tribes or tribal governments, and state, and federal government agencies to achieve locally-defined goals for natural resource conservation and outdoor recreation.

Projects include natural area preservation, river conservation and development of recreational trails and greenways in urban, suburban and rural settings. While RTCA is not a grant program, they offer assistance in conceptual and master planning, organizational development, project coordination, facilitation, and public involvement.

The deadline for applications is August 1, 2006. For more information visit <http://www.nps.gov/ccso/rtca/application.html> or contact Michael Linde, Program Leader, at 206-220-4113 or michael_linde@nps.gov, to discuss your interest and seek guidance before applying.

- **August 9th from 12pm-2pm:** Stormwater Webcast - Using Outreach and Public Involvement to Meet Your Stormwater Phase II Goals with Charlie MacPherson and Ansu John of Tetra Tech, Inc. This webcast will show you how to leverage limited resources to produce effective outreach and public involvement campaigns to meet your stormwater Phase II goals. You will hear about the building blocks necessary to develop an effective outreach campaign, learn tips to preparing eye-catching materials, and gain knowledge from examples of successful stormwater outreach programs across the country.

Register at <http://www.epa.gov/npdes/training>.

Previously recorded webcasts on Post-Construction, Construction Management, and Stormwater Program Financing are available anytime at www.epa.gov/npdes/training

- **August 9th-11th:** Wetland Plants - Know 'Em and Grow 'Em Workshop. To register visit <http://www.wetland.org/> or contact Karleen Vollherbst at Environmental Concern: 410.745.9620 or teachwetlands@wetland.org. Click here for training agenda.
- **August 10th, 12th, and 13th (2nd Thursday and weekends):** Friends of Waterford Park work sessions. Choose whatever session is best for you. There will be mulching, planting, invasive species removal, meadow establishment, and watering. Meet at the

bridge closest to Baughman's Lane. Contact Ginny Brace at 301.682.6135 or by email at ginny4ftp@aol.com for additional information.

- **August 19th from 9am-4:30pm:** 15th Annual Native Plant Seminar and Sale at the Irvine Nature Center in Stevenson, MD. Please click [here](#) for additional information about workshops, directions, and registration fees.

September 2006:

- **September 1st from 10 am-12 pm:** Purple Loosestrife Training at the Bear Branch Nature Center in nearby Carroll County. Click [here](http://www.dnr.state.md.us/wildlife/PurpleLoosestrife/purplels.asp) for directions to the facility <http://www.dnr.state.md.us/wildlife/PurpleLoosestrife/purplels.asp>. For more information, please contact Kerrie Kyde by phone at 410.260.8534 or by email at kkyde@dnr.state.md.us
- **September 7th, 9th, and 10th (2nd Thursday and weekends):** Friends of Waterford Park work sessions. Choose whatever session is best for you. There will be mulching, planting, invasive species removal, meadow establishment, and watering. Meet at the bridge closest to Baughman's Lane. Contact Ginny Brace at 301.682.6135 or by email at ginny4ftp@aol.com for additional information.
- **September 8th:** Deadline for registration for the Watershed Institute (October 23-26) hosted by the Center for Watershed Protection.
- **September 12th from 12:00-2:00 pm:** EPA will be hosting a webcast on "Developing an Effective Municipal Stormwater IDDE Program 101". Jennifer Zielinski, of the Center for Watershed Protection, and Nikos Singelis, of EPA, will discuss the basic components of an effective municipal Illicit Discharge Detection and Elimination (IDDE) program. Based on the comprehensive manual developed for Phase II municipalities by the Center, this webcast will discuss auditing existing resources establishing legal authority determining illicit discharge potential developing program goals searching for illicit discharges eliminating and preventing illicit discharges and evaluating program effectiveness. Guest speaker Darrin Peine, of the City of Charlotte, North Carolina, will discuss his city's experiences in putting together an effective IDDE program.

To register for this free webcast, please visit <http://www.epa.gov/npdes/training> and follow the registration instructions.

- **September 17th from 12:30-3:30 pm:** Join ThorpeWood for their Monarch Migration Fiesta!
 - Monarch Butterfly Migration talk
 - Monarch Way-station Information and garden tour
 - Monarch Tagging and Release...Adios Amigos!
 - Fiesta Snacks... Ole!
 - Activities for kids & adults

- Butterfly Costume Parade
 - And More!
- **September 17th from 1-4 pm:** Join the Antietam Creek Watershed Alliance for the Antietam Creek Rubbish Round-up. Help local residents and ACWA members clean up Antietam Creek in downtown Hagerstown. We need all types of volunteers: river walkers, boaters, on shore organizers and moral supporters. We will be removing glass and plastic bottles, aluminum cans, plastic bags, tires, bikes, and other debris from the water so be prepared for anything. A prize will be awarded to the most unusual treasure. Come along and enjoy the good time, we need your help to make Antietam Creek the best it can be.
 - **September 18th-20th:** Wetlands Restoration Dialogue at the Bahia Mar Resort, Fort Lauderdale, FL. Organized by the American Water Resources Association.
 - **September 20th from 9:00 am-4:30 pm:** 15th annual State-County Ground Water Symposium held by the Maryland Department of the Environment at Best Western Hotel & Conference Center in Baltimore, MD.
 - **September 21st at 5pm:** Come help the Friends of Waterford Park rid one area of the woods in the park of the Japanese honeysuckle. The whole understory is honeysuckle, and once it is gone, you can see the stream. The plan isto plant ferns, etc. once the honeysuckle is removed. They have tools but a couple of strong people to help out would be great! If you want to volunteer, contact Ginny Brace at gabby4ftp@aol.com or call 301.682.6135 or you can do an internet directions search by using 1610 Rock Creek Drive as your address the woods are close to the bridge over Rock Creek that you can see from Baughman's Lane.
 - **September 22nd:** Deadline for The Living Shorelines grant from the Chesapeake Bay Trust. Proposal requests can be made for up to \$50,000.
 - **September 25th-27th:** Seventh Coastal & Estuarine Shallow Water Science and Management Conference at the Holiday Inn On the Boardwalk, Atlantic City, NJ - This year's theme is the interrelationships between shallow water habitats, water quality and adjacent land use. Conference session topics include:
 - Assessment and Monitoring to Attain Shallow Water Quality Goals
 - Eutrophication in Shallow Water Environments
 - Development of Nutrient Criteria for Estuarine Waters
 - Shallow Water and Tidal Wetland Habitats
 - Subaqueous Soils in Estuarine Ecosystems
 - The Functions, Management and Contamination of Soil in Coastal Areas
 - Non-Point Source Watershed Projects in Coastal Ecosystems
 - EPA's Targeted Watershed Grants Program: Coastal Case Studies

- National Estuary Programs: How to Balance Conflicting Uses in the Coastal Zone
- Anacostia River Restoration Efforts: Making a Difference in an Urbanized Shallow Water System
- Environmental Decision-Making in Coastal Areas: Using Economic Based Approaches
- Best Management Practices in Coastal Areas

To find out more information regarding this conference and for registration materials please visit www.wetlandsworkgroup.org/shallowwater.htm

- **September 26th at 5pm:** Come help the Friends of Waterford Park rid one area of the woods in the park of the Japanese honeysuckle. The whole understory is honeysuckle, and once it is gone, you can see the stream. The plan isto plant ferns, etc. once the honeysuckle is removed. They have tools but a couple of strong people to help out would be great! If you want to volunteer, contact Ginny Brace at ginny4ftp@aol.com or call 301.682.6135 or you can do an internet directions search by using 1610 Rock Creek Drive as your address the woods are close to the bridge over Rock Creek that you can see from Baughman's Lane.
- **September 27th at 9am:** Come help the Friends of Waterford Park plant the remaining 64 trees in the forest buffer along Carroll Creek. The holes were augered last spring, so there's no hard digging involved. Bring a shovel. If you want to volunteer, contact Ginny Brace at ginny4ftp@aol.com or call 301.682.6135 or you can do an internet directions search by using 1500 Rock Creek Drive as your address - the buffer is in the park at the end of Rock Creek Crive, very close to Rt. 15.
- **September 27th at 5:30pm:** Upper Potomac Tributary meeting at the Washington County Department of Water Quality in Williamsport, MD. Click here for the agenda and directions.
- **September 29th:** Regional Green Building Conference held at the University of Maryland Conference Center. Click here for the flyer. Addtional details will be provided soon. Local government elected and administrative leaders, energy specialists, housing and school officials, environmental planners, and the development community will NOT want to miss this.
- **September 30th at 9am:** Come help the Friends of Waterford Parkl mulch their newly trees and any of the ones that were planted last spring that need more, get the weeds away from the area that was planted with shrubs last fall, hang more Irish Spring soap to discourage the deer (the first soap-hanging seemed to deter them), and plant some perennials. If you want to volunteer, contact Ginny Brace at ginny4ftp@aol.com or call 301.682.6135 or you can do an internet directions search by using 1500 Rock Creek Drive as your address - the buffer is in the park at the end of Rock Creek Crive, very close to Rt. 15.

- **September 30th from 9am-12 noon:** Come help ThorpeWood will help keep Catoctin Hollow Road clean as part of our Adopt-A-Road commitment. We are looking for volunteers to come out and join our staff for a few hours of clean up and camaraderie.

Please call (301.271.2823) or email (cradulovich@thorpewood.org) to let the volunteer coordinator know if you are interested in participating. It is recommended that you wear clothes you don't mind getting dirty and sturdy shoes. ThorpeWood will provide lunch after we're done at noon so a RSVP is requested.

- **September 30th and October 1st from 8am-4pm:** Join the New Forest Society for their yard sale and flea market to benefit the Environmental Scholarship Fund. Click [here](#) for a flyer and additional information.

October 2006:

- **October 7th from 9 am-1 pm:** Monocacy Farm Stewardship Project Stream Buffer Restoration in the Glade Creek in Walkersville, MD. We need your help! Glade Creek is a groundwater-driven limestone stream, but it also has been listed in the "top ten" most polluted streams in Maryland. Volunteers will help restore 7,000' of streambank on a large dairy farm by planting 1,200 native trees and shrubs in an area where the cows have been fenced out of the stream. Equipment, refreshments and tools provided.

Project funders include: Chesapeake Bay Trust, National Fish and Wildlife Foundation and the US Fish and Wildlife Service Partners Program.

Project partners include: Natural Resource Conservation Service, Frederick County Department of Planning, MD-DNR Forest Service, Hood College, Thorpewood, New Forest Society, Federated Garden Clubs of Maryland, US Fish and Wildlife Service, Monocacy and Catoctin Watershed Alliance.

For more information and directions, contact Marcy Damon at 443.482.2156 or email mdamon@cbf.org.

- **October 7th at 1pm:** American Chestnut Seminar - Get a taste of the cutting edge science that's strengthening the American Chestnut Foundation's efforts to return this national treasure to its native range at the combined Maryland Chapter annual meeting and Hood College Biology Department Seminar at Marx Center on the Hood College campus in Frederick. Beginning at 1:30, after the annual meeting two speakers, Paul H. Sisco, Ph.D., Southern Regional Science Coordinator of the American Chestnut Foundation will speak about "The new National Science Foundation project on chestnut genetics". Following his presentation Donald L. Nuss, Ph.D., with the Center for Biosystems Research at the University of MD addresses "Genome sequencing of the chestnut blight fungus." A panel discussion on the implications for American Chestnut Restoration will follow at 3:30, moderated by

Doug Boucher, Ph.D., Hood College Biology Department. For further information contact Kathy Marmet by email at kathymarmet@closecall.com or Robert Strasser by email at strasser@hood.edu.

- **October 10 at 7:00 pm:** The Aqueducts of Frederick County at the C. Burr Artz Central Library - A multi-speaker program featuring C&O Canal Restoration Project member Dr. George Lewis, engineering historian Robert Kapsch, C&O Canal Association member Dr. Karen Gray, and civil engineer Denis McMullan will discuss the county's historic aqueducts and the challenges faced in restoring them. Free and open to the public.
- **October 11th from 7:30-10:00 am:** Join the Urban Land Institute (ULI) for their Breakfast Meeting Series. The topic of the day will be The Economics of Compact Development in the Region. The event will be held at the JW Marriot Hotel on Pennsylvania Ave. Click here for additional information on this and other Breakfast Meeting Series topics.
- **October 11 from 9am-4pm:** WETLAND PLANT ID-Join Environmental Concern at the Smithsonian Environmental Research Center, in Edgewater, Maryland for... Wetland Plant ID - Making wetlands come alive! Get up close and personal with native wetland plants! Learn about their unique adaptations and their identifying characteristics. Practice identifying wetland plants in the field. Learn fun wetland plant activities you can use to teach others. Location: SERC, Edgewater, Maryland Cost: \$45, includes the Ralph Tiner—Field Guide to Nontidal Wetland Identification Register: online – www.wetland.org or phone – 410.745.9620
- **October 12th at noon:** Altered States: Streams in Maryland's Rapidly Changing Landscape - Dr. Robert H. Hilderbrand, University of Maryland Appalachian Laboratory, Frostburg, MD.

Synopsis: Because a stream's watershed begins at the ridge tops, actions even far away from a stream can have impacts. Many Maryland streams are in a continuing flux due to changing land uses and hardening of the watersheds from increased impervious surface area. We have found that once urbanization exceeds about 10% many streams can no longer harbor either fish or invertebrate communities that resemble less disturbed, intact states. The effects begin to occur at as little as 3-6% urbanization, and by 20% almost no stream communities resemble intact states. Streams in the piedmont appear to be more vulnerable than are coastal plain Streams, and they are affected at lower levels of landscape change. Our research is also finding that many freshwater fish species have already altered their distributions in response to human populations, and I'll show predicted changes as human population growth scenarios play out across the state.

Seminar will be held at the Maryland Department of Natural Resources, C-1 Conference Room, Tawes Office Building, 580 Taylor Avenue, Annapolis, Maryland.

- **October 13th & 14th:** New Forest Society's Final Yard Clearance - Proceeds will benefit the NFS Environmental scholarship fund through the Community Foundation of Frederick County. Click here for flyer with additional information.
- **October 16th:** Application deadline for Targeted Watershed Capacity Building Grants from the EPA. Capacity-building grants provide for education and training. Click here for more information on the grant. If you have specific questions, please contact Carol Peterson by phone at 202.566.1304 or by email peterston.carol@epa.gov
- **October 18th from 1-3 pm:** Monocacy & Catoctin Watershed Alliance meeting at Strawberry Hill Nature Center. For information about the center and to get directions visit their website at www.strawberryhill.com. For additional information about the meeting or the Alliance, contact Kay Schultz by phone at 301.694.1741 or by email at kschultz@fredco-md.net.
- **October 18th:** MEDA (Maryland Economic Development Association) Fall Conference at the Sheraton Hotel in Towson/Baltimore County (Sheraton Baltimore North) when we face the issue of Growth & Water Management in the here and now. One of the most significant issues facing us today is coping with the challenges of Maryland's water needs. Both restoring and maintaining water quality for the Bay, but also ensuring we have adequate water supplies for our growth. House Bill 1141 was signed in the 2006 session requiring local jurisdictions to have a Water Resources Element in their land use plans; procedures for implementing the state's Tributary Strategy which includes sewer/wastewater management are under way; and our water supply is constrained.

The MEDA Board of Directors has partnered with water management leaders in public policy and the private sector, to create a program that is of interest to everyone in Maryland.

Registration is required and seating is limited. Cost to non members is \$60, members \$50 (includes continental breakfast and lunch). Register at www.medamd.com where you'll find a full agenda.

- **October 18th from 8am-4pm:** Pollinator Symposium - registration is free but pre-registration is required. Click here to learn more about the symposium and to complete the online registration form.
- **October 19th from 6:30-9pm:** Introduction to Green Roofs - Join the Green Building Institute and Angie Durhman to learn more about green roofs. The workshop session will be held at the Green Building Institute's Enviro-Center. Click here for more information on the workshop.
- **October 20th:** Deadline to submit pre-proposals for grant monies from the Maryland Center for Agro-Ecology, Inc. The Maryland Center for Agro-Ecology, Inc. is a 501(c) (3) that receives money from the U. S. Department of Agriculture on an annual

basis to fund research projects that address the vision/core concept of the Center. That Vision is to promote economically viable and environmentally sound agriculture and forestry as Maryland's preferred land use. Click here to view the RFP.

- **October 21st from 9-11 am:** Libertytown - Come help plant native trees and shrubs at Libertytown Park. Bring water and gloves. Join scouts, neighbors and partners and learn about native plants as you help improve water quality for everyone downstream! Project funding is provided by the Chesapeake Bay Trust and Frederick County's Watershed Management program. For additional information contact Kay Schultz by email at kschultz@fredco-md.net or by phone at 301.694.1741.
- **October 21st from 9am-12pm:** The first of two Riverwatchers training sessions hosted by the Potomac Riverkeeper. The training session will teach volunteers how to effectively monitor the Potomac River, and will provide interesting facts about the river and its history. The most important thing you'll learn, however, is that it doesn't take much to be a Riverwatcher—just a keen eye, a desire to improve the Potomac, and some contact information. At the training session, we will map out the areas where you hike, kayak, fish, or otherwise enjoy the Potomac, and then ask you to report back to us on what you observe. Click here for additional information.
- **October 21st from 8am-noon:** The Department of Solid Waste Management will sponsor a Residential Household Hazardous Waste Drop-Off Day on October 21, 2006 from 8am until noon at the Public Safety Training Facility on Reichs Ford Road. Click here for a flyer with a list of acceptable and non-acceptable items.
- **October 21st from 10am-4pm and October 22nd from 12-4pm:** Come visit Summer Creek Farm in the near the beautiful Catoctin Mountains. Come enjoy the fall foliage and spend some time relaxing and enjoying the outdoors with us. This is a real family event. They are a certified organic farm and have the following for you to enjoy: Pick your own pumpkin and winter squash. Over 10,000 ft of certified organic pumpkins (Pie & Carving) and squash. Maryland's only PYO Organic Patch.
 - Hay ride around the farm
 - Farmers Market with Certified Organic Produce for sale.
 - Wheat planting demonstration - See us plant organic wheat and how it's done, each day at 1pm.
 - Bee Hive demonstration , see the inside of a honey bee hive and learn about the bees each day at 3pm.
 - Hike the farm and see how organic produce is grown.
 - See our free range chickens
 - Small Children's play area.
 - Enjoy the farm, mountain views, fresh air and more.
 - Take the scenic ride home through a covered bridge near the farm. *****
FREE ADMISSION*****FREE PARKING*****

Only about than 1 hour from Baltimore, Columbia, & Washington suburbs. (Some activities may have a small charge)

Visit www.summercreekfarm.com for directions and more info.

When you're here ask for a map to take the scenic ride home through a real covered bridge near the Farm!

- **October 23rd-26th:** Join the Center for Watershed Protection at their Watershed Institute at the Deer Creek Resort and Conference Center.

Are you a public works manager, urban planner, stream association member, or water quality professional who has discovered the importance of managing your local water resources at a watershed scale? The Center for Watershed Protection has designed the 2006 Watershed Institute to equip watershed professionals with the tools needed to develop comprehensive watershed plans. This intensive, interactive four-day program will focus on:

- a framework to prioritize valuable and sometimes scarce resources such as funding and staff time and desktop methods needed to complete a watershed plan from beginning to end opportunities to interpret real data and how to integrate findings into a watershed plan
- practical resources participants can directly use in their professions to affect real change in their communities – this includes specific project investigations such as illicit discharge detection and elimination and contiguous forest evaluation

[Click here for additional information.](#)

- **October 23rd-26th:** Ninth Annual Wetlands and Watershed Workshop Holiday Inn On the Boardwalk, Atlantic City, NJ - Wetlands and watershed protection and restoration are now more crucial than ever. As part of the EPA's list of priorities, wetlands and watersheds protection and restoration using the watershed approach makes this year's workshop an important venue for all who strive to protect our vital aquatic resources. This workshop will increase dialogue and foster partnerships among federal, state, and local agencies, non-governmental organizations, the scientific community, private industry, and all other stakeholders involved in the management of aquatic resources. This year's workshop will emphasize managing aquatic systems through the watershed approach. This conference gives the scientific community, NGOs and other interest groups a great opportunity to hear knowledgeable speakers and interact with others who have similar responsibilities and duties. We will also be joined by the Mid-Atlantic Chapter of the Society of Wetland Scientists. In wetlands and watershed protection, collaboration at all levels is very important. These workshops provide interested parties with an opportunity to synergize their talents. This workshop will address issues such as stormwater management, flood management through watershed protection, water quality and public health as it relates to wetland mitigation, the technical/political consequences of wetlands being 303(d) listed, the fate and transport of contaminants, the use of Best Management Practices to protect existing wetlands.

For more information, please visit
http://www.wetlandsworkgroup.org/wetreg9/9th_workshop.htm

- **October 25th at 5pm:** Upper Potomac Tributary Team meeting at Rocky Gap State Park & Lodge in Flintstone, MD. Click here for an agenda and directions.
- **October 26th at 6:45 pm:** Candidates Forum on the Environment at ThorpeWood. Come to ThorpeWood to hear the candidates for the Board of County Commissioners address environmental topics. Sponsored by the Service Learning Advisory Board of Frederick County Public Schools. Light refreshments will be provided. Contact Hanna Poffenbarger by email at [hjppoff1989@hotmail.com](mailto:hjpoff1989@hotmail.com) for additional information.
- **October 27th:** Extreme Water in Maryland - The Maryland Sea Grant College and the Maryland Water Resources Research Center are cosponsoring a one-day conference on Extreme Water in Maryland.

Extreme water events, such as hurricanes, floods, and projected sea level rises can disrupt homes, crops, wetland land and both terrestrial and aquatic life. The one day conference will look at possible implications from extreme water events. Both historical and future challenges will be discussed. The conference will be held in the Benjamin Bannecker Room, Stamp Student Union Building at the University of Maryland, College Park, MD.

Costs for the registration fee, breaks and lunch will be covered by cosponsors. To attend the meeting, you must register electronically at our website, www.waterresources.umd.edu. If you have any questions about the conference please contact Phil Kearney at kearneyp@umd.edu or 301.405.6829.

- **October 28th from 9am-12pm:** The second of two Riverwatchers training sessions hosted by the Potomac Riverkeeper. The training session will teach volunteers how to effectively monitor the Potomac River, and will provide interesting facts about the river and its history. The most important thing you'll learn, however, is that it doesn't take much to be a Riverwatcher—just a keen eye, a desire to improve the Potomac, and some contact information. At the training session, we will map out the areas where you hike, kayak, fish, or otherwise enjoy the Potomac, and then ask you to report back to us on what you observe. Click here for additional information.
- **October 28th from 9-11 am:** Libertytown - Come help plant and mulch trees, shrubs and sedges along Coppermine Branch at St. Peter the Apostle Roman Catholic Church. Bring water and gloves. Join scouts, neighbors and partners and learn about native plants as you help improve water quality for everyone downstream! For additional information contact Kay Schultz by email at kschultz@fredco-md.net or by phone at 301.694.1741.
- **October 28th from 9am-noon:** Using Natural Light, Installing a Tubular Skylight (Daylight Tube) Workshop - Join the Green Building Institute for their workshop on

how to install a daylight tube in your own home or business. Click here for additional information on the workshop and on registering.

- **October 29th from 4-8pm:** Community Potluck Dinner at ThorpeWood. The subject of the evening will be "That's What It's All About". ThorpeWood is pleased to present their new initiative to provide exceptional outdoor education opportunities for at-risk youth. Hear about these exciting programs as well as preview community events to come. The dinner will be held in ThorpeWood's lodge. Please bring a dish to share with at least 6 people. RSVP required by October 27th. Please call 301.271.2823 to RSVP.

November 2006

- **November 1st:** Deadline for nominations for the 2007 Chesapeake Bay Trust Awards – Do you a community volunteer, teacher or student who has done an outstanding job this year working for the Chesapeake Bay? Then nominate them today for one of the Trust's three award programs: the Ellen Fraites Wagner Award, the Teacher of the Year Award or the Arthur Dorman scholarship program. For more details you can access CBT's awards page or download the complete awards brochure. All nominations must be received by November 1 and with questions, please contact Kerri Bentkowski at 410.974.2941, Ext. 3.
- **November 2nd from 6:45-9 pm:** Forest Management Practices & Forest Ecology - part of the Forestry 101 Lecture Series. Come to the Extension Office and learn from Mike Kay for the Maryland Forest Service about various management practices recommended over time on forestland and how ecological factors affect a forest. Pre-registration is required. Cost for one lecture is \$10 or \$75 to attend all nine lectures. Click here for the flyer and registration form.
- **November 2nd:** American Conservation Film Festival at the NCTC Byrd Auditorium. Films and to be shown on this day and times are:
 - 6:00pm: The New Wolf Hunters (Premier)
 - 6:10pm: Garpenfargle
 - 6:15pm: The Great Hopkins Rescue
 - 6:30pm: The Chances of the World Changing (with director/producer Eric Daniel Metzgar)
 - 8:40pm: Grocery Store Wars
 - 8:45pm: The Forest for the Trees (with director Bernadine Mellis)
 - 10:00pm: Reception at Tony's in Shepherdstown
- **November 2nd & 3rd:** Virginia Stream Alliance Presents the 2006 Stream Restoration Technical Exchange Workshop, at Graves' Mountain Lodge, Syria Virginia. Experts share lessons learned, keynote by internationally renowned river engineer with experience in design, analysis, assessment, and monitoring. Three

presentation sessions covering design, build, and sustainable restoration guidance. Click here for an informational flyer. Click here for a registration form.

- **November 3rd:** American Conservation Film Festival at Shepard University's Frank Center. Films to be shown on this day and times are:
 - 5:00pm: Caballo Loco on Easter Island (with producer Laura J. Boyd)
 - 6:00pm: Chasing Coyotes (with cinematographer / writer Tracy Graziano)
 - 6:45pm: Ambassadors of the Arctic (Premier)
 - 6:55pm: Hush
 - 7:00pm: Plagues and Pleasures on the Salton Sea (with U.S. Fish & Wildlife Service biologist Ken Sturm)
 - 8:45pm: A Land Out of Time (Premier)
 - 10:00pm: Film-maker's cocktail at Stone Soup in Shepherdstown

- **November 3rd:** Chesapeake Conservation Landscaping Council Inaugural Conference in Bethesda, MD - Discover what municipalities, businesses, and your neighbors are doing to preserve a healthy environment for you, your family, and future generations. Find out how you too can enhance and preserve the earth in your own backyard. The Chesapeake Conservation Landscaping Council will present its inaugural conference, entitled "Turning a New Leaf", on Friday, November 3, 2006 at the Cedar Lane Unitarian Universalist Church in Bethesda, MD. Topics will include: what local communities are doing to plan for an environmentally healthy future; new policies and incentives for sustainable development; how local businesses are saving the planet; and "how-to" workshops on supporting the earth in your own backyard. Check out www.chesapeakelandscapes.org for detailed program and registration information. Cost is \$80 per person (\$95 after October 16).

- **November 4th:** American Conservation Film Festival at the NCTC. Films to be shown this day and times are: Student film-maker forum (NCTC Instructional East):
 - 12:00pm: The New Wolf Hunters
 - 12:10pm: Tracking the Pacific Fisher
 - 12:25pm: Wings Over the Wild: LightHawk in Mesoamerica
 - 12:50pm: Garpenfargle
 - 12:55pm: Caballo Loco on Easter Island (with producer Laura J. Boyd)
 - 1:50pm: Ambassadors of the Arctic
 - 2:05pm: Chasing Coyotes (with cinematographer / writer Tracy Graziano)
 - 2:50pm: Hush
 - 3:00pm: Life List
 - 3:20pm: Taking a Stand in History: Rachel Carson's Silent Spring (Premier) (with writer/director Kristen Cronon)
 - 3:55pm: The Only Water We Will Ever Have
 - 4:15pm: The Teddy Project (with producer Jonathan Schafner)

Film Forum (NCTC Instructional West):

- o 12:00pm: Europe: Taming the Wild
- o 12:50pm: Kilowatt Ours
- o 1:55pm: One More Dead Fish
- o 2:55pm: Bye Bye Buyat
- o 3:30pm: Rare Bird (Premier) (with director / producer Lucinda Spurling)
- o 5:20pm: Balancing Point

Film Forum (NCTC Byrd Auditorium):

- o 12:00pm: Storyteller: A Year with Jean Craighead George
- o 12:50pm: Hoot (with Randy Testa of Walden Media)
- o 2:50pm: Crazy Like a Fox (with writer/director Richard Squires)
- o 5:00pm: Antietam Women's Ensemble
- o 6:00pm: Edens Lost and Found: Los Angeles (Premier)
- o 7:20pm: Drowning New Orleans
- o 8:15pm: Student Award
- o 8:30pm: Winning student film
- o 9:00pm: Mountain Patrol

Reception at NCTC

- o 5:00pm – 7:00pm: Dinner NCTC Commons
- o 5:30pm – 6:30pm: Cocktail hour NCTC Museum

- **November 5th at 10am:** The Maryland Chapter of the American Chestnut Foundation (MDTACF) members plan to gather at the Sugarloaf West Field starting at 10:00 am November 5th for a "macho clean-up" work day. The West Field is one of two orchards that were planted at Sugarloaf Mountain by scientists in the 60's and 70's to learn whether irradiation of chestnuts might hasten mutations that would give immunity to the chestnut blight. These trees have provided many nuts for Maryland Chapter education and backcross breeding efforts. The West Field orchard is very much in need of care. We will break around 12:30 for a picnic lunch and very brief discussion of current Chapter issues. If it is uncomfortably cold, we may move the lunch break to my house, which is about 10 minutes away. Feel free to arrive later than 10 am or to leave whenever fits your schedule. Please let me know if you expect to join in so that we can send you additional details or updates and directions to the West Field, and details of plans for lunch. **PLEASE BRING:** Gloves and clothing to protect you from thorns and poison ivy and pruning clippers or a small saw if you have them. Burnie and Ron will bring chain saws for the big stuff. The rest of us can move what they prune to a central location for chipping and work on removing smaller vines, etc.
- **November 5th:** American Conservation Film Festival at the NCTC Byrd Auditorium. Films to be shown this day and times are:
 - o 12:00pm: The Chances of the World Changing

- o 1:45pm: Drowning New Orleans
- o 2:40pm: Darwin's Nightmare
- **November 5th from 2-3pm:** Wild Things - What animals may be living in your own backyard? ThorpeWood's Program Director and Naturalist, Jason McCauley, will introduce five native, non-releasable live animals. This is an informational and interactive activity for the whole family. Cost is \$5 or \$3 for members. Registration is required. Please register by November 3rd. To register, call 301.271.2823.
- **November 6th-9th:** 2006 American Water Resources Association Conference, November 6-9, 2006. Sheraton Inner Harbor, Baltimore, MD. Organized by the American Water Resources Association. Click here for more information.
- **November 8th from 1-5pm:** CBT Community Greening Workshop (1 in a series of 3) "A Watershed Approach to Community Greening" - In conjunction with the Trust's latest grant program, the Community Greening Initiative, CBT will be hosting 3 workshops with the Center for Watershed Protection and grant partners, to provide local communities with information on how to conduct an assessment of their urban tree canopy (UTC) and on how to increase tree canopy and reap its environmental benefits. The first workshop will focus on approaches to forest cover assessments, forest cover goals and the Chesapeake Bay, selecting the best forest conservation and reforestation sites and a real-world example from the City of Annapolis on their UTC assessment and goal setting process. This workshop will be geared toward communities that want to learn more about how to get started and technical experts will be available for discussion and questions.

Future workshops will focus on: Making the Most of Urban Reforestation Projects and Making Your Community Forest-Friendly. The workshop will be held at the Patuxent Research Refuge National Wildlife Visitor Center, 10901 Scarlet Tanager Loop, Laurel, MD 20708, <http://patuxent.fws.gov301.497.5760>

- **November 9th from 6:30-9pm:** Introduction to Deconstruction & Building Material Reuse hosted by the Green Building Institute. Click here for additional information on this workshop.
- **November 9th at noon:** Protecting Our Coral Reefs: EPA's Biological Criteria to Protect Stony Corals - Ms. Heidi Bell, Office of Water, U.S. Environmental Protection Agency, Washington, DC

Synopsis: EPA is committed to providing technical and regulatory guidance for states and territories on development and implementation of bioassessment protocols and biocriteria for coral reefs. Bioassessments and resource monitoring can be applied to watershed regulatory activities under several provisions of the Clean Water Act. Biological criteria, which establish thresholds of resource condition, are used to determine waterbody impairment for designated uses. An

EPA Coral Reef Biocriteria Working Group, comprised of EPA staff from several EPA Offices and Regions, is supporting this effort. The Working Group held an open Biocriteria Workshop in conjunction with the May 2006 Coral Reef Task Force meeting that was well-attended. Presentations are available at www.epa.gov/bioindicators/.

In addition, EPA is collaborating with the U.S. Virgin Islands, American Samoa, Commonwealth of Northern Mariana Islands, and Guam to initiate and further programs that support biocriteria development and implementation. Technical guidance for rapid stony coral bioassessment, including core measurements and standardized approaches, is undergoing review and publication is anticipated in early 2007. EPA reports have been issued on protocol evaluation (EPA-260-R-06-002) and bioassessment strategies for the U.S. Virgin Islands (EPA-260-R-06-003). These will soon be available at www.epa.gov/bioindicators/. Surveys to support biocriteria development in the U.S. Virgin Islands were initiated in February 2006 in St. Croix aboard EPA's Ocean Survey Vessel BOLD. Data from the first phase have been analyzed and several coral condition metrics found responsive to human disturbances. An EPA report on the procedures and results is in review. Subsequent phases will characterize variability in different management zones, establish procedures for probability-based sampling, and devise a balanced monitoring program that includes status, trend, and targeted sampling.

Seminar will be held at the Maryland Department of Natural Resources, C-1 Conference Room, Tawes Office Building, 580 Taylor Avenue, Annapolis, Maryland.

- **November 10th from 6-10pm:** The First Annual Chestnut Restoration Feast at ThorpeWood sponsored by the Maryland Chapter of the American Chestnut Foundation (MDTACF) and ThorpeWood. This feast will be a chestnut-flavored gourmet event in celebration of a successful year of joint efforts to restore the American chestnut tree to Maryland forests. The event is limited to 70 people. The cost is \$50 per person. To register and for more information please [click here](#). Proceeds will help fund the American Chestnut Research Associate position at Hood College in Frederick. The Research Associate provides scientific and technical leadership for American chestnut backcross breeding and education efforts of MDTACF and ThorpeWood.
- **November 11th from 9am-noon:** Commercial and Noncommercial Forestry Activities - part of the Forestry 101 Lecture Series. Come to the Stronghold Property to look at the process of selling timber and conducting practices that will improve your woodland for forestry, wildlife, and aesthetic values. Pre-registration is required. Cost for one lecture is \$10 or \$75 to attend all nine lectures. [Click here](#) for flyer and registration form.

- **November 11 from 8am-2pm:** Solar Decathlon Workshop - Join the University of Maryland (UMD) Solar Decathlon LEAF House team for a day to try your hand at cutting edge, sustainable design and technologies. Are you a design or engineering professional looking to learn new skills? Thinking of changing professions and going 'green'? Or, just curious to see and be part of the UMD Solar Decathlon LEAF House creation? Join 20 architecture and engineering students & to design and engineer... Bio-inspired systems - rainwater collection, living wall, radiant heating and cooling, Kitchen and bathroom, Lighting / casework / finishes

Click here for additional information.

- **November 14th from 9am-3pm:** Grass Based Dairy Partnership Workshop - The workshop is for partnership personnel, and is hosted by NRCS and University of Maryland Extension personnel. It will include several trips into the pasture system to explain what makes this system work. PLEASE REGISTER IF YOU PLAN TO ATTEND or to get directions and so you can get any changes. Contact Becky Hickman a becky.hickman@md.usda.gov or call 442.482.2934. Click here for additional information on the workshop. BE SURE TO BRING A LUNCH!
- **November 14th from 1-3pm:** Grass Based Dairy Public Walk - The walk is for the public and partnership personnel, is hosted by NRCS and University of Maryland Extension personnel. PLEASE REGISTER IF YOU PLAN TO ATTEND or to get directions and so you can get any changes. Contact Becky Hickman a becky.hickman@md.usda.gov or call 442.482.2934. Click here for additional information about the walk.
- **November 14th from 6:30-9pm:** Introduction to Solar Photovoltaics/Solar Electric- What are the differences between residential solar power and solar hot water systems?
 - o How can solar energy reduce greenhouse gas emissions?
 - o How can solar photovoltaic home systems help against rising utility costs?
 - o How does a grid-tied solar electric system work?
 - o What components are needed?
 - o What are the costs?
 - o What kind of house or roof do I need for a solar electric system?
 - o Who will install these systems?

Click here for additional information

- **November 14th at 7pm:** Antietam Creek Watershed Alliance (ACWA) Meeting at the St. Lawrence Cement Co. Click here for a flier with additional details.
- **November 15th:** Application deadline for Targeted Watershed Project Implementation Grants from the EPA. Implementation grants involve actions such

as protection and preservation. Click here for more information on the grant. If you have specific questions, please contact Carol Peterson by phone at 202.566.1304 or by email peterston.carol@epa.gov

- **November 16th:** 12th Annual Conference: "Taking the Pulse of Maryland's Waters: Back to Basics" November 16, 2006, Maritime Institute, North Linthicum, MD. Organized by the Maryland Water Monitoring.

The one day conference, "Taking the Pulse of Maryland's Waters: Back to Basics" will focus on monitoring tools, methods, and indicators for the purpose of assessing vernal pools, wetlands, streams, rivers, estuaries and ground water resources. A plenary session and two technical sessions will be held in the morning. A buffet luncheon and a poster session will occur at noon. The afternoon will consist of four technical sessions and an exciting raffle at the end of the day. Click here for details on the conference, including a draft agenda and registration form.

The regular registration fee for the conference, which includes a booklet of abstracts, giveaways and lunch, is \$60. Oral paper and poster presenters can register for the reduced fee of \$48. A limited number of special registrations at \$20 is available on a first come, first served basis to non-profit organizations, watershed associations, and citizen monitoring groups. To apply, contact Dan Boward at: dboward@dnr.state.md.us or 410.260.8605. EVERYONE IS ENCOURAGED TO REGISTER PRIOR TO NOVEMBER 1.

- **November 16th from 7-9pm:** Would you like to learn more about how to create and enhance natural areas around your home and share that information with friends and neighbors? A volunteer training for the newly published *The Woods in Your Backyard* will be held at the Baltimore County Extension Office, 1840 York Road, Suite J., Timonium, MD 21093. Attendees will be provided a copy of *The Woods in Your Backyard* manual and resource CD (a \$20+ value) to use at the training, with the option to buy the materials for a nominal fee of \$10. The two-hour evening class will include an overview of the ! manual & workbook and tips on how to share this resource with others.
- **November 17th:** Deadline for the next round of NFWF watershed pre-proposals.

Applicant Eligibility

Eligible applicants are either non-profit 501(c) organizations, universities, local or state governments (i.e., state conservation agencies, counties, townships, cities, boroughs, conservation districts, planning districts, utility districts, drainage districts, or other units of local government) from the Virginia, Maryland, Pennsylvania, District of Columbia, New York, West Virginia, and Delaware portions of the Chesapeake Bay watershed. Non-profit organizations and universities located outside the Chesapeake Bay watershed may apply only if their projects will be conducted

within the watershed. Individuals, federal government agencies, and private for-profit firms are not eligible for grants under this program.

Eligible Projects

The overall goal for the Chesapeake Bay Targeted Watersheds Grant Program is to expand the collective knowledge on the most innovative, sustainable and cost-effective strategies – including market-based approaches – for reducing excess nutrient loads within specific tributaries to the Chesapeake Bay. Accordingly, any project that accelerates the reduction of nutrients from non-point sources within targeted small watersheds may be eligible for funding. The program seeks to support projects representing the diverse conditions (e.g., urban, rural, suburban) and sources of nutrients (e.g., agricultural, stormwater, other non-point sources) that exist throughout the Chesapeake Bay watershed. Priorities for funding include the following (in no particular order):

- o Field-scale demonstrations of innovative technologies, conservation practices and Best Management Practices (BMPs) that have the potential to significantly reduce excess nutrient loads. Such demonstrations should be designed to provide initial or refined measures of effectiveness and efficiency for reducing nutrient loads, and should strive for their inclusion in the Chesapeake Bay Watershed Model;
- o Demonstrations and evaluation, within targeted small watersheds, of the most effective and efficient strategies for implementing nutrient load reductions contained in state Tributary Strategies;
- o Water quality trading demonstrations (including point source to non-point source) and other market-based strategies to reduce nutrient loads to the Bay and its tributaries in accordance with EPA policies and guidance and, as appropriate, state policies; and,
- o Demonstrations of strategies that overcome barriers to adoption of the most effective and efficient BMPs and conservation practices for reducing excess nutrient loads. Barriers may include social and cultural barriers, economic and political barriers, professional acceptance, general lack of awareness or technical assistance, etc.

[Click here for additional information.](#)

- **November 17th - 19th:** Chesapeake Watershed Forum at the U.S. National Fish & Wildlife Conservation Training Center in Shepardstown, WV. [Click here for press release.](#) [Click here for flyer.](#)
- **November 18th from 10am-1:30pm:** Frederick County Landowner Workshop at the Friends Meeting School, 3232 Green Valley Rd, Ijamsville, MD.

Join natural resource professionals for a FREE workshop that provides efficient tools and fast advice on how to manage your property in ways that benefit our environment

- whether you own acres of undeveloped forest land, a small-lot farm, or a house in the suburbs.

Learn about management resources that not only are of financial benefit, but also help improve local water quality and the appearance of your property.

Registration is required by Thursday, November 16th. For more information and to register, please email Heather Montgomery or call 301.608.1188 x 209. Click here for a flyer with additional information.

- **November 28th at 5:30pm:** Maryland Stream Restoration Interest Group Meeting at Rummel Klepper & Kahl, LLP, 601 Calvert St, Baltimore, MD 21202. Click here for additional information.
- **November 29th:** "Integrating Drinking Water into Watershed Protection" by Beth Hall, Environmental Protection Specialist, US EPA's Office of Ground Water and Drinking Water, Sheree Stewart, Drinking Water Protection Coordinator, Oregon Department of Environmental Quality, and Christopher Crockett, Manager of Watershed Protection, Philadelphia Water Department

This Webcast will provide a primer on public water supplies and the recently completed source water assessments mandated by the 1996 Safe Drinking Water Act. Source water is untreated water from streams, rivers, lakes or underground aquifers that is used to provide public drinking water and to supply private wells. While the source water assessments were required and funded, responsibility for implementing protection measures resides at the state, local and utility level. Instructors will discuss how they have integrated source water protection into their programs by using technical assistance, partnerships, tools available through the Clean Water Act and other programs, and by collaborating with watershed and smart growth efforts. Click here for additional information on times and registration.

December 2006

- **December 1st:** Application deadline for the Stewardship Grant Program through the Chesapeake Bay Trust. Grant proposals can be made in amounts of \$5,001 to \$25,000. Awards will be announced in February 2007.
- **December 2nd from 8:30am-5pm:** How to be Green - Introductory Seminars on the following: (Each introductory module will last approximately 1.5 hours with breaks and lunch provided).
 - I. Efficient and healthy buildings
 - II. Solar hot water for your home
 - III. Rainwater collection for garden use
 - IV. Solar electric for your home

- **December 6th from 12-2pm:** Killing Two Birds with One Stone: Building a Local Program to Maintain Your Stormwater Practices and Prevent Pollution from Municipal Operations with Tom Schueler of the Center for Watershed Protection.

This webcast will discuss aspects of two of the six minimum measures: maintaining post-construction BMPs and municipal operations/good housekeeping. During this webcast we will discuss how to build a strong maintenance program that will cover both of these areas. The webcast will include a brief discussion of the requirements, examples of successful local programs, the top maintenance headaches faced by MS4s, and will introduce new tools to help you build a successful maintenance program.

To register for this free webcast, please visit www.epa.gov/npdes/training

- **December 7th from 1-2:30pm:** Alternative Practices for Highway Stormwater Management: Design, Construction and Maintenance - Part Two - Design engineers, construction engineers, and maintenance supervisors will learn detailed information about how to design, construct and maintain innovative stormwater management techniques that save money, comply with regulations, and improve water quality. These techniques, including context-sensitive solutions and low impact development practices, often use existing rights of way immediately adjacent to the roadway. Three case studies will be presented in depth by a panel of experts. Design criteria, specifications, lessons learned, and research results will be provided.

Design engineers, construction engineers, and maintenance supervisors will learn detailed information about how to design, construct and maintain innovative stormwater management techniques that save money, comply with regulations, and improve water quality.

These techniques, including context-sensitive solutions and low impact development practices, often use existing rights-of-way immediately adjacent to the roadway. Three case studies will be presented in depth by a panel of experts. Design criteria, specifications, lessons learned, and research results will be provided.

The program is free. To register, visit www.iwla.org and click on Wetland Webcasts.

- **December 12th:** Central Maryland Users Group at the Frederick County Sheriff's Office. The agenda for the meeting includes the following:

"Parcel Mapping Efforts in Central Maryland"
 Calvin Strozier, GIS/CAD Operator, St. Mary's County
 John Bussiere, GIS Analyst, Howard County
 Eric Wilson, GIS Program Specialist II, Anne Arundel County

“ArcGIS Server 9.2: Publishing Map Services & Creating ArcGIS Server Advanced Edition”

ESRI Regional Marketing, Alison Rice – Maryland For more details on this meeting check out the attached agenda.

For past meetings and other details about our group please visit our new blog!!!!
<http://www.esricmug.blogspot.com/>

This meeting is also posted on ESRI's site at
<http://events.esri.com/info/index.cfm?fuseaction=showSeminar&shownumber=10128>

Please note that there is no need to register for this meeting

- **December 13th at 5pm:** Upper Potomac Tributary Team meeting at the Frederick County Planning Office in Winchester Hall, Frederick, MD. Click here for directions and meeting agenda.
- **December 13th at 7pm:** Monocacy Archeological Meeting is being held at the Community Room of the C. Burr Artz Library, 110 East Patrick Street Frederick. For more information call 301-293-2708 or visit the Society's web page at www.digfrederick.bravehost.com.

The speaker will be Michael F. Johnson, Fairfax County Archeologist who will talk about the archeology program in Fairfax County, Virginia and the search for Clovis and pre-Clovis in the Nottoway River Valley of Virginia. This is the area where very early evidence of human occupation has been found.

- December 14th at 7pm: Naturalist and author George Constantz will present “Hollows, Peeper & Highlanders: An Appalachian Mountain Ecology” in the Byrd Auditorium at the National Conservation Training Center (NCTC) in Shepherdstown, WV.

Constantz brings rich illustrations and a powerful narrative voice to descriptions of the unique and quirky in our Appalachian landscape. Constantz begins with a general overview of the Appalachian chain, including the origins of its complex hills and high biodiversity. He then explores specific topics, like why Jack-in-the-pulpit changes sex from year to year, how fireflies deceive each other with their flashes, and the paradox of autumn leaves. Constantz concludes by diagnosing Appalachia’s most significant environmental illnesses.

Since earning a B.A. in Biology from the University of Missouri-St. Louis (1969) and a Ph.D. in Zoology from Arizona State University (1976), George Constantz has worked as a park naturalist, teacher of biology and environmental science, fish ecologist, researcher, and writer. In the mid-1980s, he founded the Cacapon Institute, a nonprofit organization dedicated to using science to conserve

Appalachian rivers. At River Network and the West Virginia Divisions of Natural Resources and Environmental Protection, George planned and implemented watershed management programs. In 1999, he came to Canaan Valley Institute where he has served in outreach, education, and research roles. His publications include 18 research papers, three review chapters in edited symposium volumes, and the book *Hollows, Peepers, and Highlanders: an Appalachian Mountain Ecology* (2004, 2nd ed., WVU Press). George's personal interests include scuba diving amidst tropical coral reefs, backpacking over high mountain passes, and playing drums in a country rock band. Currently, he is spending a lot of his evenings and weekends writing a book about the ecology of the Rocky Mountains.

The talk is free and open to the public. No tickets or reservations are required. This talk is co-sponsored by the Rockymarsh Run, recipient of a Stream Partners grant to promote enjoyment and protection of Rocky marsh Run, a spring fed stream which define part of the border between Jefferson and Berkeley Counties. Rockymarsh Run has been named in the eastern West Virginia brook trout habitat restoration plan. Funding from the Steam Partners grant supports an educational campaign which includes the development of 2007 calendar describing life in the Rocky marsh Run Watershed. Everyone who attends the lecture will receive a free calendar. For more information on the series please visit the web site: <http://training.fws.gov/history/publiclectures.html> or contact Mark Madison (Mark_Madison@fws.gov; 304.876.7276).

- **December 16th from 12-4pm:** Holiday Clean Energy Open House - the Chesapeake Climate Action Network will once again open to the public Maryland's only 95-percent renewable energy household. The home, owned by the Mike Tidwell of Takoma Park, is equipped with energy-efficient appliances and light bulbs, and is powered by photovoltaic solar panels, a solar hot-water system, and a corn-burning home-heating stove.

As a special feature, we'll also have two hybrid cars and an electric truck for you to view and learn about their affordable, climate-protecting features. And we'll also show you how to landscape your yard with native plants and water them with rain barrels that catch rooftop runoff.

Plus, there will be a solar food cooker on display (free solar-baked holiday cookies) and we'll be selling energy-saving compact fluorescent light bulbs for a big discount. We'll also have lots of free literature on the rising threat of global warming and steps you can take to help save the planet.

WHERE: 7125 Willow Ave, Takoma Park, MD

DIRECTIONS:

By Metro: Take the red-line train to Takoma Station and walk east along Carroll Ave. toward downtown Takoma Park. After three blocks, turn left on Willow Ave. We're the fourth house on the right. Five-minute walk from the Metro.

By bike or car from DC: Take 16th Street north to Aspen. Turn right on Aspen and follow under the Metro Bridge. Take your second left after the bridge onto Willow Street. At the first light, turn right on Carroll Ave and take an immediate left onto Willow Ave.

By bike or car from the Beltway: Exit at New Hampshire Ave heading south. Take a right on Piney Branch and a left on Carroll Ave. Follow Carroll till you're almost in downtown Takoma Park and take a right on Tulip Ave. Take your next left onto Willow Ave and we're the third house on the left.

PARKING:

Please park in the parking lot at the corner of Willow Ave. and Carroll Ave., just four houses down from the expo.

For more information call Anne Havemann 301.891.6844 or Mike's house at 301.270.3722