

Natural Resources

by TidewaterCurrent

News about sustainable endeavors relating to natural resources, such as the Chesapeake Bay, in Coastal Virginia and beyond.

🌿 Part of Environment



140 countries agree mercury treaty

guardian.co.uk



TidewaterCurrent 1.19.13 - "Delegates at UN talks approve measures to curb pollution, but some campaigners say they are not tough enough."
January 19, 2013



Evicted Norfolk eagle refuses to leave botanical garden

hamptonroads



TidewaterCurrent Efforts to keep eagles out of the garden and away from the airport so far have not been successful, and is likely that it will keep the pair from nesting this season.
January 21, 2013



Town considers oyster reefs to prevent flooding

courierpostonline



TidewaterCurrent Point Pleasant, NJ
- "oyster reefs can provide natural armor where hard structures, such as bulkheads, don't have the same lifespan and could be washed out."
January 20, 2013



Virginia bills that would reduce catch of key Chesapeake Bay fish move ahead at state Capitol

washingtonpost



TidewaterCurrent 1.17.13 - "Senate and House members recommended passage Thursday of companion bills that would reduce Virginia's catch of menhaden by 20 percent over the next two years while scientists assess stocks of the oily fish that is important environmentally and commercially for the Chesapeake Bay."
January 19, 2013



Restore The Earth Foundation Announces Important Wetland Restoration in Louisiana with Clif Bar's In Good Company and its Volunteers from Across the U.S.

eon.businesswire



TidewaterCurrent 1.18.13 - "For an entire week, In Good Company's 30 volunteers from Clif Bar, Eileen Fisher, Timberland, 7th Generation, Amy's Kitchen, Annie's Homegrown, and others worked together with Restore the Earth Foundation and Louisiana Department of Wildlife and Fisheries (LAWF) www.wlf@la.gov to build on the work started last year of shoring up and restoring fragile wetlands at Pass a Loutre Wildlife Management Area, (PAL), a site forty (40) miles into the Gulf of Mexico, where the Mississippi River ends and the Gulf of Mexico begins. This site is critically important to support the migratory bird flyway."
January 20, 2013

Los Angeles Times

2012 was hottest year on record for Lower 48 states
The average temperature was 3.3 degrees higher than in the 20th century, NOAA says bolstering indications that global warming is linked to extreme weather events.
January 08, 2013 | By Neela Banerjee, Los Angeles Times

The Washington Post

2012 hottest year on record in contiguous U.S. NOAA says

By Juliet Eilperin, January 08, 2013

The New York Times

January 10, 2013, 4:40 am | 5 Comments

2012 Was the Hottest Year on Record
By MICHAEL GONCHAR

TIME Science & Space



Ecocentric
All things green, from conservation to Capitol Hill

2012 Was the Hottest Year in U.S. History. And Yes — It's Climate Change

By Bryan Wash | Jan. 08, 2013 | 93 Comments

USA TODAY NEWS

Climate change report: Seas rising, heat waves ahead

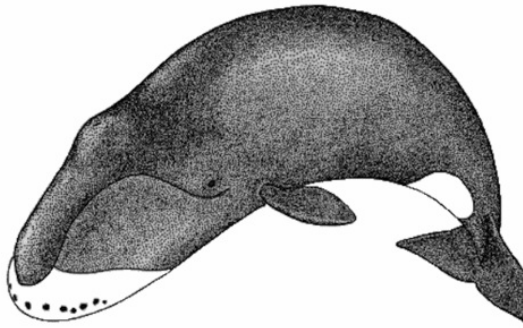
Wendy Koch, USA TODAY | 5:15p.m. EST January 11, 2013

Climate Progress: Virginia, Maryland and Delaware Investigate Sea Level Rise Solutions - Tidewater Current | Winter 2013

tidewatercurrent



TidewaterCurrent Mid-Atlantic states are beginning to address the threat of rising seas and recurrent inundation episodes.
January 20, 2013



There Are Whales Alive Today Who Were Born Before Moby Dick Was Written in 1851

blogs.smithsonianmag



TidewaterCurrent
January 19, 2013



Microsoft Builds Global Ecosystem Computer Model

environmentalleader



TidewaterCurrent "Microsoft Research is building a giant computer model for terrestrial and marine ecosystems, which the scientists hope policy makers will use to better manage natural resources."
January 18, 2013



Listen to call of the wild at vast online archive of nature sounds

latimes



TidewaterCurrent Cornell's audio archive includes mostly bird calls, but also marine animals, primates and more.
January 18, 2013



Freed whale 'entangled for month'

iol.co.za



TidewaterCurrent South Africa - "It took a specialised team four hours to free a southern right whale so badly entangled in fishing ropes that the ropes had become embedded in its flesh."
January 17, 2013



Meadows Emerge as Growing Landscape Trend: Pollinators in Peril to Benefit - Tidewater Current | Winter 2013

tidewatercurrent



TidewaterCurrent With the success of landmark landscape projects, like the NYC High Line, place making green design concepts are taking off on a global scale. Ecological services, such as storm water filtration and management, are being utilized by cities across the country.
January 18, 2013



Camera on remote Maine island streams live video of gray seal pupping ground

washingtonpost



TidewaterCurrent "first live-streaming camera at an East Coast seal-pupping site."
January 18, 2013



New book records Virginia's plants

washingtonpost



TidewaterCurrent "Flora of Virginia" 'weighs seven pounds, runs 1,554 pages and describes 3,164 plant species and natural variants growing wild in the diverse habitats of the Old Dominion."
January 17, 2013



Solar-Powered Water Treatment Plant Developed

cleantechnica



TidewaterCurrent "In Phoenix, Arizona, SunPower Corporation developed a 7.5 megawatt (MW) solar power plant, constructed to help power a water treatment plant....SunPower's solar power plant is expected to save the water treatment facility \$4 million over a 20 year period."

January 17, 2013



A New Test To Find Out If Your Water Has Been Fracked

fastcoexist



TidewaterCurrent "The idea of BaseTrace is to put an indestructible DNA marker in the fluid used to bring gas to the surface, so we can know what happens to it...."The main goal here is to allow companies and communities to move forward," he says. "Natural gas is a reality. The drillers are moving forward, and the United States is probably going to become energy independent. We're just hoping to provide the tool that allows it to be safe, and to allow communities to know it's safe."

January 17, 2013



Counting the Vanishing Bees

green.blogs.nytimes



TidewaterCurrent "new monitoring method, which is remarkably cheap and efficient for tracking national, regional or global bee populations. "
January 17, 2013

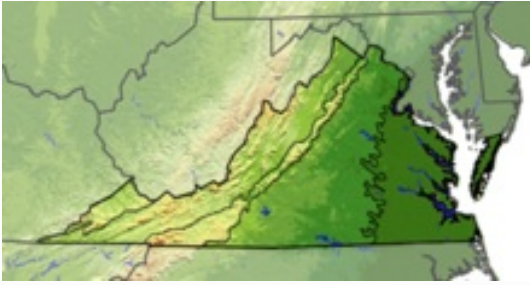


Fish Journeying Upstream Are Hampered By Hydropower Dams - Newswise

newswise



TidewaterCurrent Scientists "reported that despite the presence of fish passage facilities that were built into the dams, the actual numbers of fish that passed through them over several decades were only tiny fractions of targeted goals....The three large river systems studied – the Merrimack, Connecticut and Susquehanna – are historically important rivers for a suite of fishes that migrate from the sea to rivers; they are called diadromous fishes by scientists and include species such as sturgeon, salmon, shad, river herring and eel."
January 17, 2013



Virginia Is Worried Cars Are Becoming Fuel-Efficient | TIME.com

business.time



TidewaterCurrent Great read: "To increase gas tax revenues, or at least maintain their current levels, one simple solution is to hike gas tax rates. As a New York Times magazine story recently detailed, many economists think higher gas taxes—at least \$1.25 per gallon, more than double the current national average—are necessary for a wide range of reasons, including the reduction of traffic and offsetting the environmental impact of driving." Yet in Virginia, the Governor is touting a plan that makes no sense: the elimination of the gas tax and spreading the burden of road improvement to all in state consumers and also taxing alternative fuel vehicle purchases.

January 16, 2013



Va. Snares Longleaf Pine Stand, Aims to Restore

newsplex



TidewaterCurrent "The 2,855 protected acres are known as South Quay. The land is an addition to the 287-acre South Quay Sandhills Natural Area Preserve along the Blackwater River near the North Carolina Line."

January 15, 2013



The heat is on as the New York Times closes its environment desk

guardian.co.uk



TidewaterCurrent "The change is still disheartening, to put it mildly. Compelling, well-reported environmental stories are only becoming more important, and the Times has, without a doubt, been a leader of that coverage – especially since it launched the environment desk in 2009." "

January 15, 2013



VIMS contributes to international seagrass restoration project

vims.edu



TidewaterCurrent " a \$4.49 million grant to an international team that includes researchers Robert "JJ" Orth, Ken Moore, and Scott Marion of the Virginia Institute of Marine Science will support efforts to develop innovative techniques and tools for restoring eelgrass to areas where nutrient reductions have brought back the clear, sunlit waters this underwater plant needs to thrive."
January 15, 2013

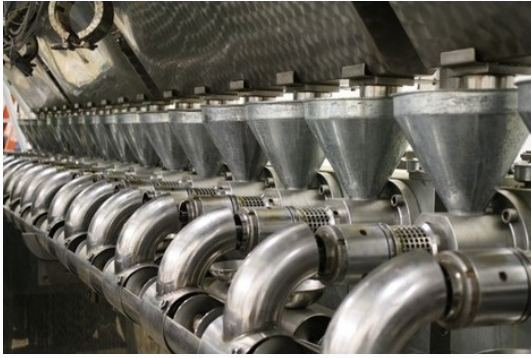


"Fantastic" New Flying Frog Found (Photos) - White Wolf

whitewolfpack



TidewaterCurrent "Dr Rowley was stunned to discover the large, 10cm long species surprisingly close to Ho Chi Minh City, an urban centre with over 9 million people. "
January 16, 2013



Hemp legalization effort gathers steam

washingtonpost



TidewaterCurrent "While the United States ranks as the world's leading consumer of hemp products — with total sales of food and body-care products exceeding \$43 million in 2011 — it is the only major industrialized country that bans growing it... Its seeds and oil are fodder for health and beauty products, while the strength of its natural fiber makes it a good candidate to be used as a building composite. Combine hemp with water and lime and you get "hemcrete," which can help construct a house; process it differently and it can make up a BMW's interior door panel."

January 14, 2013



Farm-Raised Tuna May Not Be the Answer to Overfishing

businessweek



TidewaterCurrent Breeding programs have not been successful and "catching bluefin tuna when they're young and then raising them on giant fish farms just makes the problem worse, according to Seafood Watch, the Monterey Bay Aquarium's program focusing on ocean sustainability. "All populations of bluefin tuna are being caught faster than they can reproduce," the California aquarium says on its website. "Bluefin is being further depleted by ranching operations that collect small bluefin and raise them to full size to sell primarily to the sushi market.""

January 14, 2013



Did We Save the Whales? - Room for Debate

nytimes



TidewaterCurrent 1.10.11 - Great discussion from panel of researchers from around the world.
January 14, 2013

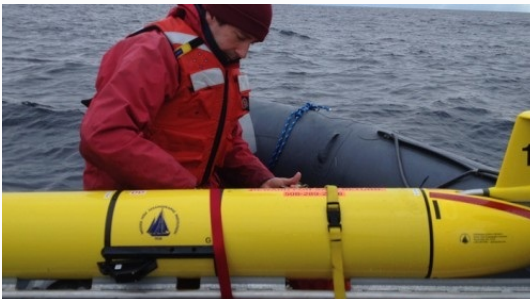


Bay Daily: Menhaden Now in the Virginia Hopper

cbf.typepad



TidewaterCurrent 1.11.13 - "House Bill 1840, was introduced by Delegate Lee Ware, R-Powhatan, and is aimed at ensuring Virginia is in sync with the menhaden management plan adopted last month by the Atlantic Coast Marine Fisheries Commission."
January 13, 2013



Autonomous marine robots used to detect and identify endangered whales

gizmag



TidewaterCurrent Maine - "Two autonomous marine robots called gliders have now been used as a real time whale-detection system for researchers and to warn boats in the area to slow down to avoid striking the marine mammals."
January 10, 2013



Water Treatment System Uses Salt and Electricity to Provide Clean Drinking Water to Thousands

treehugger



TidewaterCurrent "a collaboration between a GE engineer, a non-profit, and a number of volunteers to provide a rugged, portable water treatment device, made from ordinary materials, that could quickly treat large quantities of water. The answer came from a very basic process, electrolysis, which uses just table salt and the electricity provided by a car battery to produce chlorine gas for disinfecting water."
January 12, 2013



Registration for Grasses for the Masses has begun! - Chesapeake Bay Foundation

cbf



TidewaterCurrent Sign up now to reserve your spot to grow wild celery at your home to help restore underwater grasses for the Chesapeake Bay! Feb 10 Workshop at the Virginia Aquarium. Follow the link for more workshops around the state.
January 12, 2013

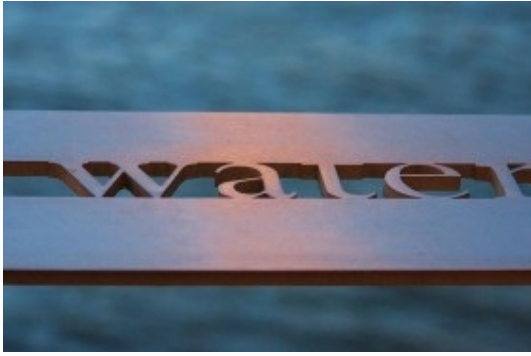


Narwhal-horn smuggling ring busted in Maine

grist



TidewaterCurrent
January 7, 2013



Smart Investments Now Can Lead To A Smart Water Future

sustainablecitiescollective



TidewaterCurrent "According to a recent BofAMerrill Lynch Global Research report, water may be harder to acquire than oil by 2030, and the demand could be 40 percent greater than the water available.... leaking pipes are a major cause of water loss today in the U.S...This is why investing in the maintenance and upgrading of our nation's pipes and other water infrastructure is critical. This investment also includes leak detection technology which has the potential to save up to \$4.6 billion a year. Investing now will keep the water flowing in the future."

January 12, 2013



Korea abandons plan to hunt endangered whales

wwf.panda



TidewaterCurrent "WWF is pleased that the Republic of Korea has reversed its dangerous plan to commence 'scientific' whaling, which was widely condemned by world governments, WWF and other conservation groups."

January 9, 2013



Meadows Emerge as Growing Landscape Trend: Pollinators in Peril to Benefit- Tidewater Current | Winter 2013

tidewatercurrent



TidewaterCurrent With the success of landmark landscape projects, like the NYC High Line, place making green design concepts are taking off on a global scale.

January 10, 2013



Beekeeping Class for Beginners

beekeepersguild



TidewaterCurrent The Beekeepers Guild of Southeast Virginia and the Wesleyan Beekeepers Association present a three-day Short Course for Beginning Beekeepers with an emphasis on sustainable, chemical-free practices. The course will be held on three consecutive Saturdays, February 16, 23 and March 2, 2013 at Virginia Wesleyan College in Norfolk, Virginia.

January 7, 2013



DC Offers Rebates on Green Roof Installation

georgetown.patch



TidewaterCurrent To reduce storm runoff and pollution in Chesapeake Bay tributaries, DC is offering \$5 per sq. ft. rebate for green "living" roof renovations.

January 8, 2013



A Collaborative Summit: Protecting Water Quality through Actions on Urban-Suburban Properties- Center for Coastal Resources Management

ccrm.vims.edu



TidewaterCurrent Date & Time:
Wednesday, February 13 - 2013 - 9:00
am - 6:30 pm & Thursday, February
14, 2013 - 9 am - 2:45 pm Location:
Williamsburg Woodlands Hotel &
Suites 105 Visitor Center Dr.
Williamsburg, VA23185 Hosted by:
Wetlands Watch, Alliance for the
Chesapeake Bay, VIMS Center for
Coastal Resources Management,
and UVA Institute for Environmental
Negotiation
January 7, 2013



Bay Daily: Oyster Farming Paying Dividends

cbf.typepad



TidewaterCurrent 1.4.13 -
"Recognizing the importance of
oysters to the economy and the
environment, Gov. Bob McDonnell has
proposed that Virginia spend \$2.5
million next year on oyster restoration
and replenishment in Virginia."
January 7, 2013



Mending the Bird Preserves Hit by Sandy

green.blogs.nytimes



TidewaterCurrent 1.5.13 - 70 sites
from Massachusetts to Virginia need
restoration to ensure the survival of
threatened and endangered species.
The \$48.7 million restoration estimate
would go beyond restoration and
shore up areas so they can weather
future storms.
January 7, 2013



Dumped Christmas trees are a gift for Lake Havasu fish

latimes



TidewaterCurrent 1.5.13 - "thousands of Christmas trees sunk by wildlife biologists have found a second life as fish habitat in an ecosystem damaged by the damming of the Colorado River decades ago." January 7, 2013



Project Seeks to Map and Reduce Ocean Noise Pollution

nytimes



TidewaterCurrent "the National Oceanic and Atmospheric Administration, seeks to document human-made noises in the ocean and transform the results into the world's first large sound maps. The ocean visualizations use bright colors to symbolize the sounds radiating out through the oceanic depths, frequently over distances of hundreds of miles....The project's goal is to better understand the cacophony's nature and its impact on sea mammals as a way to build the case for reductions." January 6, 2013



Noisy ships, ferries create racket below Puget Sound

seattletimes



TidewaterCurrent According to research from the University of Washington "background noise in some shipping channels regularly meets or exceeds levels the federal government suggests may be harmful to marine life."
January 6, 2013



Bluefin Tuna Sold for Record \$1.76 Million in Tokyo 'Auction'

dotearth.blogs.nytimes



TidewaterCurrent 1.5.123 -
"Scientists are expected to come out with a new stock assessment for Pacific bluefin on Monday, January 7. According to our sources, the new results are alarming and indicate further decline of the species."
January 6, 2013



US town bans small water bottles

bbc.co.uk



TidewaterCurrent "The US town of Concord in Massachusetts has banned the sale of bottled water in units smaller than one litre."

January 3, 2013



New York Senator Proposes 1 Cent Deposit for Cigarette Butts - Earth911.com

earth911



TidewaterCurrent 1.3.12 - I'm with Senator Stavisky. Some smokers will give a second thought to tossing their butts out the window.

January 4, 2013



Starbucks unveils \$1 reusable plastic cups Thursday

nydailynews



TidewaterCurrent 1.13.12 - "the new cups will be cleaned with boiling water each time customers bring them in."

January 4, 2013



Bay Daily: New Report: State of the Bay Improved in 2012

cbf.typepad



TidewaterCurrent "In the summer of 2012, the Chesapeake Bay had the smallest low-oxygen "dead zones" in a quarter century. This improvement in water quality — along with less phosphorus pollution, a resurgent blue crab population, increasing survival of oysters, and an expansion in forested lands — were reasons the health of the Bay ticked upward last year, according to the Chesapeake Bay Foundation's 2012 "State of the Bay" report."

January 2, 2013

beesfree
SAVING PILES. SAVING LIVES.

BUZZING OFF

HOW DYING BEES AFFECTS YOU

Getting stung by a bee can hurt, but losing the bees forever can hurt even more. It may be hard to see why bees are so important to us, but did you know that 1 of every 3 bites of food we take comes from a pollinated plant or an animal that depends on bee pollination? Since the mid 2000s, bees have been mysteriously vanishing, causing many problems. Check out the graphic below that illustrates how dying bees affects you.

1 Out of 3 Bites Of Food
come from a bee-pollinated plant

NO BEES = **NO POLLINATION** = **NO FRUITS OR VEGETABLES (MALNUTRITION)**

Without the bees there wouldn't be fruits or vegetables like...

How Are Dying Bees Affecting Our Lives?

newswatch.nationalgeographic



TidewaterCurrent Nice Infographic

January 2, 2013



Right Whales May Be Giving Birth Off SC Coast | wltx.com

wltx



TidewaterCurrent 12.27.12 -

Endangered species spotted off the Charleston Coast.

December 27, 2012

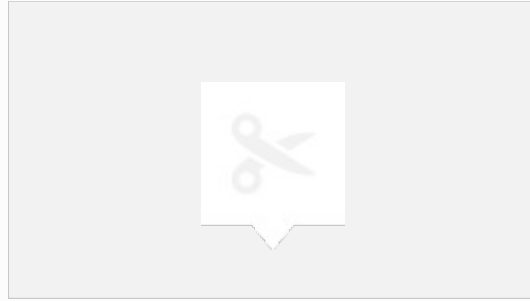


Virginia bee keepers can apply for grants

dailypress



TidewaterCurrent If funding is approved bee keepers who establish new hives may receive grants for up to \$2400 from the state Beehive Grant Fund. Info here: <http://www.vdacs.virginia.gov/plant&pest/hivegrant.shtml>
December 28, 2012



Shipping Lanes off Calif Tweaked to Protect Whales

abcnews.go



TidewaterCurrent 12.27.12 - Due to concern over ship strikes, the IMO has approved shipping lane changes to several CA ports to protect endangered marine mammals .
December 27, 2012



Last Words

sierraclub



TidewaterCurrent "In Ecuador's Yasuni National Park, butterflies sip a yellow-spotted river turtle's tears. The mineral-rich liquid helps the insects reproduce. In exchange, the reptile gets a good eye-cleaning"
December 26, 2012



Photo Essay: An uncertain future for Tangier watermen - Chesapeake Bay Program

chesapeakebay



TidewaterCurrent Beautiful pictures reflect a sad reality for the residents of Tangier Island, who rely on the water for their livelihoods.
December 26, 2012



A Beach with a View – Rebuilding New Jersey’s Coastal Dunes - Connect with Biohabitats

biohabitats



TidewaterCurrent 12.27.12 - "now is the time to think about how to rebuild using natural ecosystem resilience as the foundation for reviving New Jersey’s coastal communities and economy....No new building permits should be issued to those ocean front lot owners who will not agree to sign easements granting the state or local agency the authority to restore coastal dunes. Similarly, federal flood insurance should be refused to those who do not agree to allow easements on their property for the construction of sand dunes. "
December 27, 2012



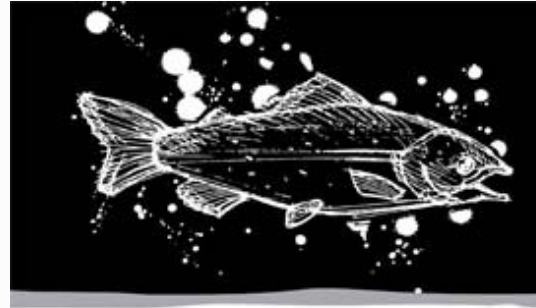
Bumblebees Do Best Where There Is Less Pavement and More Floral Diversity

utexas.edu



TidewaterCurrent "Landscapes with large amounts of paved roads and impervious construction have lower numbers of ground-nesting bumblebees, which are important native pollinators, a study from The University of Texas at Austin and the University of California, Berkeley shows. The study suggests that management strategies that reduce the local use of pavement and increase natural habitat within the landscape could improve nesting opportunities for wild bees and help protect food supplies around the world. The study also suggests that increasing the number of species-rich flowering patches in suburban and urban gardens, farms and restored habitats could provide pathways for bees to forage and improve pollination services over larger areas."

December 28, 2012



Just Say No To FrankenFish

Tell FDA: Do Not Approve Genetically Engineered Salmon!

salsa3.salsalabs



TidewaterCurrent "Sign the petition to tell the Food and Drug Administration not to approve GE salmon AND, if the Obama Administration insists on approving these genetically engineered fish, it should require the fish to be labeled!" See more in "Food Safety & Sustainable Production" collection.

December 22, 2012



French Polynesia and Cook Islands create sanctuaries to protect sharks

washingtonpost



TidewaterCurrent "French Polynesia and the Cook Islands this month created adjacent shark sanctuaries spanning 2.5 million square miles of ocean, a move that reflects a growing trend to protect sharks worldwide and more than doubles the area now off-limits to any shark fishing."
December 22, 2012



Va. launches farm conservation initiative

tricities



TidewaterCurrent 12.21.12 - Keeping livestock out of waterways will reduce pollution in the Chesapeake Bay. "Secretary of Natural Resources Doug Domenech says the state's agricultural cost-sharing program will now reimburse farmers up to 100 percent of the cost of installing stream exclusion systems."
December 22, 2012



An Urban Tree Farm Grows In Detroit : NPR

npr



TidewaterCurrent "Entrepreneur and Detroiters John Hantz, owner of Hantz Farms and the tree-planting effort called Hantz Woodlands, wants to plant at least 15,000 trees on about 140 acres. Hantz promises to clear out all the trash and keep the grass cut, things the city cannot afford to do now."

December 23, 2012



Court Lets Perdue Off the Hook for Devastating Pollution of Chesapeake Bay by Its Contract Grower

foodandwaterwatch



TidewaterCurrent 12.20.12 - "big poultry companies – the Perdues, Tysons, Mountaires, and others – have been ignoring the dire impacts their meat production systems have been having on the Chesapeake Bay and many more of our waterways across the country. They've been allowed to walk away from the mountains of manure produced by their birds while burdening overwhelmed and underpaid contract growers who don't have the means to properly dispose of this waste. A ruling in Plaintiffs favor would have helped shift some of that waste disposal burden where it belongs, with the big companies that reap the greatest profits."

December 24, 2012

New boundaries

Proposed expansion of national marine sanctuaries would more than double protected waters.

Marine sanctuaries



Huge expansion of U.S. protection for N. Calif. waters proposed

latimes



TidewaterCurrent "The proposal would more than double the size of the national marine sanctuaries around the Cordell Bank and the Farallon Islands. When combined with the massive Monterey Bay National Marine Sanctuary, the newly expanded system would protect more than a third of California's offshore waters from oil drilling, f"
December 21, 2012



5-Cent Plastic Bag Tax Might Be Coming to Virginia

inthecapital



TidewaterCurrent 12.13.12 - "a "nickel-per-bag" tax, akin to the ones in D.C. and Montgomery County, MD, that will hopefully discourage unnecessary plastic bag usage and generate funds for the Virginia's Water Quality Improvement Fund."
December 17, 2012



1.9 Million Worms Chomp Down Airport Waste in North Carolina

inhabitat



TidewaterCurrent "The airport's new recycling program cost \$1.2 million to implement four months ago, but already 70% of its waste has been diverted from the landfill. And in five years, they expect to start making a profit from their trash sales"
December 19, 2012



More than \$1.8 Million in Grants to Restore Habitats, Improve Urban Environments in Lancaster Area (and Chesapeake Bay)

yosemite.epa.gov



TidewaterCurrent "The City of Lancaster will use its grant to create and pilot an innovative business model for financing urban stormwater retrofits on privately-owned properties. Given that more than 87% of land area in the city is privately-owned, providing financial incentive for retrofitting impervious surfaces on private properties may prove effective in accelerating the City's effort to reduce stormwater runoff. Unmanaged stormwater accumulates debris, chemicals, sediment, or other pollutants that could adversely affect water quality. "

December 20, 2012



Federal Agencies Release 2013 Bay Action Plan

thebaynet



TidewaterCurrent "The FY 2013 Action Plan includes a list of tangible efforts to be undertaken by federal agencies, including among others:...Expansion of tributary-scale oyster restoration efforts led by the National Oceanic and Atmospheric Administration (NOAA), the U.S. Army Corps of Engineers (USACE) and state agencies in Maryland and Virginia...The full reports can be accessed through the Executive Order 13508 website <http://executiveorder.chesapeakebay.net>."

December 20, 2012



Freshkills Park Protected Staten Island During Hurricane Sandy

sustainablecitiescollective



TidewaterCurrent "Since its closing [as a waste facility], Fresh Kills has become a model for landfill reclamation around the world, having been transformed into a vast green space full of wildlife. Now it is also demonstrating the role of wetland buffers in battling rising waters."
December 19, 2012



The Water Gap: Interior Department Warns Of Water Shortages In The Colorado River Basin Due To Climate Change

thinkprogress



TidewaterCurrent 12.17.12 - "here are several options outlined in the study that would allow the River Basin area to cope with the projected water shortage, including water importation, desalinization of brackish or ocean water, expanding the reuse of municipal wastewater and changes to watershed management. One option – agricultural water conservation – is especially important, given that the 5.5 million acres of farmland supplied by the Colorado River is responsible for the majority of the river's water demand. But municipal use is the fastest-growing sector, and so options for household and business water use reductions will have to be considered if water demand in the Colorado River Basin is to decrease."
December 17, 2012



Urge the Secretary of the Interior to abandon the plan to allow seismic testing in the Atlantic!

secure.nrdconline



TidewaterCurrent "stop plans to open the Atlantic Ocean from Florida to New Jersey to industrial airgun blasting for offshore oil and gas"
December 13, 2012



North Atlantic right whales spotted early in Cape Cod Bay - The Boston Globe

bostonglobe



TidewaterCurrent "Mayo suspects that the whales are arriving earlier because of the Atlantic Ocean's temperature changes. Last year, the ocean measured about 3 degrees warmer than average, which Mayo said is a significant increase."
December 14, 2012



You'll never eat crabs again: Barry Levinson's eco-freakout 'The Bay'

grist



TidewaterCurrent "Levinson insists genially that The Bay is "85 percent real," in part because the project began as a straight documentary about the environmental challenges facing the Chesapeake Bay. He switched tack after watching Frontline's 2009 report "Poisoned Waters" and concluding that he wasn't likely to top it."
December 15, 2012



Insecticide regulators ignoring risk to bees, say MPs

guardian.co.uk



TidewaterCurrent 12.12.12 - "A growing body of scientific evidence has linked the widespread use of neonicotinoid pesticides on crops to a serious decline in the bees and other pollinators, which are vital in producing a third of all food. The inquiry has uncovered evidence, apparently ignored by regulators, that the toxic insecticide can build up in soil to levels likely to be lethal to most insects, including the bees that overwinter in soil."
December 13, 2012



Atlantic fisheries commission limits menhaden catch

washingtonpost



TidewaterCurrent 12.14.12 - "The 13 to 3 vote to rebuild the population was cheered by environmental groups and activists who dubbed menhaden the most important fish because it is a staple diet for large predator fish such as whales and porpoises, and large birds such as eagles and osprey." The article goes on to discuss the potential economic impact in Virginia where 80% of the fish are taken.
December 15, 2012



Bees: More than honey makers

dvidshub



TidewaterCurrent 12.12.12 - Great story of military endeavors to improve farming practices in Afghanistan by promoting bee keeping for pollination.
December 12, 2012



Ky voices: Rand Paul: Legalize hemp to aid Ky. economy | Op-Ed | Kentucky.com

kentucky



TidewaterCurrent "If we were to start using hemp plants again for paper, we could ultimately replace using trees as the main source for our paper supply. One acre of industrial hemp plants can grow around 15,000 pounds of green hemp in about 110 days. For every ton of hemp converted into paper, we could save 12 trees. It is a renewable, sustainable, environmentally conscious crop."
December 16, 2012



Clean Tech Of Another Sort: More Than 2.6 Million Acres Restored Via USDA Wetlands Reserve Program

cleantechnica



TidewaterCurrent 12.12.12- "Created two decades ago, the USDA's Wetlands Reserve Program (WRP) "has restored more than 2.6 million acres of wetlands habitat across the U.S., creating prime wildlife habitat and helping the environment by holding and clean water," the USDA announced in a Dec. 11 press release."
December 12, 2012



Offshore wind farm developers promise to keep whales' interests in mind

nj



TidewaterCurrent 12.12.12 - "The developers are pledging to reduce or avoid loud noises that could affect the whales by avoiding building towers and doing other activities at the peak of whales' migratory season."
December 12, 2012



EarthFix · Restoring An Extinct Salmon Species · Oregon Public Broadcasting

earthfix.opb



TidewaterCurrent "But Idaho's coho salmon were never listed as endangered before they went extinct in 1987. Very few people noticed when the fish were gone. But the Nez Perce Tribe noticed. And thanks to its extraordinary efforts, coho are once again returning by the thousands to Idaho waters."

December 9, 2012



'Bumper crop' of oysters seen in Chesapeake Bay

delawareonline



TidewaterCurrent 12.12.12 - "We've probably got more oysters here than we've had in the last 20 years, said Greg Price, a waterman based in this small fishing village near Deal Island in Somerset County. It's a bumper crop for what we've been having....As a result, the number of fishermen engaged in tonging and dredging oysters in Maryland waters this season has bolted from the usual 500 to about 800. And seaside markets are getting flooded with oysters, driving prices down from last year's average of about \$35 a bushel to \$22, Naylor said."

December 12, 2012



Poisoning the Well: How the Feds Let Energy and Mining Companies Pollute Underground Water: Scientific American

scientificamerican



TidewaterCurrent Great Expose on a common practice that threatens water quality. With water in short supply all over the South and West, one would hope that the agency responsible for protecting this precious resource would be on the job. But in some cases (and it's hard to know how many due to a lack of record keeping), the mining industry is being allowed to inject waste into high quality aquifers through an exemption permit. "Many of the exemption permits, records show, have been issued in regions where water is needed most and where intense political debates are underway to decide how to fairly allocate limited water resources." Just like fossil resources, aquifers once thought to be too expensive or of inferior quality to tap, are becoming viable and the criteria developed 30 years ago to evaluate risk, needs to...
December 11, 2012



NATURE: Wetlands tour coming to a computer near you

blog.pe



TidewaterCurrent San Jacinto Water district creates 60-acre wetlands for water treatment for use in irrigation. Physical and virtual tours are available of the site,
December 8, 2012



Stranded sea turtles pack rescue hospital | The Portland Press Herald / Maine Sunday Telegram

pressherald



TidewaterCurrent 12.9.12 - 221 turtles have been rescued so far this fall in Cape Cod. The Coast Guard just this week flew 35 turtles to Florida.
December 9, 2012



The Bottom Line: Big Turnout for Little Menhaden

newswatch.nationalgeographic



TidewaterCurrent 12.7.12 - "The Atlantic States Marine Fisheries Commission (ASMFC) has seen a lot in its 70-year history but nothing quite like this. More than 128,000 people flooded the commission's inboxes with postcards and emails last month, a new record for public comment"

December 8, 2012



Paradise Creek Nature Park Opens December 28

paradisecreekpark



TidewaterCurrent The Elizabeth River Project and the City of Portsmouth are gearing up to open the Paradise Creek Nature Preserve. The 40 acre park features 11 acres of restored wetlands which will help improve the overall water quality of the Elizabeth River, which is considered one of the dirtiest rivers on the East Coast. Wildlife is already returning to the area. Eagles have been spotted and ODU students are doing graduate avian research at the site.

December 8, 2012



Will the devastated monarch butterfly take flight again?

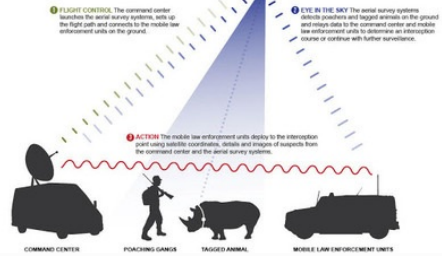
grist



TidewaterCurrent "In the United States, butterfly lovers are offsetting the milkweed die-off by building "monarch way stations," such as the milkweed gardens that are now growing everywhere from a convention center roof in Pittsburgh to Debbie Jackson's backyard in Davisburg, Mic" Link to Flight of the Butterflies teaser which will play at the American Museum of Natural History in 2013.

December 7, 2012

STOP WILDLIFE CRIME WITH INTEGRATED TECHNOLOGY INNOVATIONS



White Wolf: Google Funds Secret Technology For Hunting Down Poachers

whitewolfpack



TidewaterCurrent "The WWF just received \$5 million under Google's new grant program, the Global Impact Awards, with which it plans to use technology like aerial surveillance and radio-frequency ID tags on wild animals....It would include sensors on animals and in their environments, which would be monitored by a network of drones overhead. These could detect poachers and dispatch mobile ranger patrols to catch them, the WWF says. It will be used in four separate sites in Asia and Africa, according to Google."

December 8, 2012



South Korea drops plans to resume whaling

guardian.co.uk



TidewaterCurrent 12.6.12 - Fisheries ministry received a million protest emails in 3 weeks.

December 6, 2012



Canal Restorers



The Treatment Process

Canal Restorers flow in the center of a narrow water body. As water flows through the length of the Restorer, the floating wetland helps to filter the water of debris from the road runoff to the surface. In doing so, algae, bacteria and other microorganisms that will naturally occur in the water - effectively purify the water body of water into a stream.



Canal Restorers in the Landscape

Canal Restorers, in addition to their function as an ecological water treatment system, are becoming a unique floating wetland garden and a water diversity. The lower flow of the Canal Restorer can be modified as a garden, wetland and natural area to the benefit of a wetland. Restorers can be used in a variety of ways.



Canal Restorers - Ocean Arks International

facebook



TidewaterCurrent Floating wetland providing water treatment.
December 6, 2012



Polar Beverages jet gives stranded turtles a lift to Ga.

telegram



TidewaterCurrent 12.4.12 - Four sea turtles found suffering from hypothermia in Cape Cod, Massachusetts were flown courtesy of Polar Beverages to Georgia for rehab.
December 5, 2012



Cigarette Butts in Nests Deter Bird Parasites | Culturing Science, Scientific American Blog Network

blogs.scientificamerican



TidewaterCurrent Hard to say, but maybe I won't get so mad when I see a smoker toss a butt out their car window since it appears that nicotine or one of the other toxic chemicals found in cigarette butts (used as a building material in many bird nests) is helping bird populations by deterring parasites.
December 5, 2012



Bayer CropScience to build bee care center in RTP - heraldsun.com - DURHAM

heraldsun



TidewaterCurrent 12.4.12 - Bayer's neonicotinoid based insecticide has been implicated in scientific research as harmful to bees. It's noted in the article that they are building the \$2.65 million facility at their headquarters in Research Triangle Park, NC to collaborate with university and other researchers to ensure that "the company's crop protection products are not used in a way that could case any inadvertent exposure to bees"

December 5, 2012



ODU Class Registers First Sighting of Northern Lapwing in Virginia

odu.edu



TidewaterCurrent "Up until last week, there had been no sightings in Virginia of the Northern Lapwing, ...As it turns out, there were other reports in November of Northern Lapwings being sighted in Maryland and farther up the East Coast... Many species that are not often seen in the United States were spotted during and after the storm swept the East Coast. These include the Pomarine Jaeger, Petrels, Northern Gannets, Ross's Gulls, and even some Northern Lapwings. Apparently, the Northern Lapwings were swept off course during migration by a combination of the winds of Sandy and high pressure in the north Atlantic. "

December 6, 2012



Humpback whale freed from fishing gear entangled around animal's body

boston



TidewaterCurrent Cape Cod, MA-
"This was the 11th successful whale rescue executed by the center this year. There have been 41 whales entangled this year, Landry said. "
December 2, 2012



White Wolf: More than 100 of the animals are rescued from poachers and returned to the wild (Photos)

whitewolfpack



TidewaterCurrent 12.2.12 - The Sea turtles rescued by the Philippine Navy
December 3, 2012



U.S. seeks to protect 66 kinds of coral

latimes



TidewaterCurrent 11.30.12 - "The government was prodded into action by the Center for Biological Diversity, a nonprofit group that sued in federal court and forced a decision that must be completed within a year."
December 2, 2012



Bird Migration Corridors in Connection with Offshore Wind - Public Lecture Series: Science in Action

usgs.gov



TidewaterCurrent Wednesday, December 5, 2012, 7:00 PM Title: A Bird's Eye View: Offshore Wind Energy
By: Alicia Berlin, Ph.D. and Allan O'Connell, Ph.D. lectures can be followed live via our @USGSLive Twitter account.
November 29, 2012



Wind-wildlife meeting highlights wind energy industry's proactive approach

ewind.es



TidewaterCurrent 12.3.12 - "Working with conservation groups, wildlife agencies, and wind energy companies, scientists have identified the questions to ask, are developing a body of peer-reviewed research across species and across disciplines, and are planning for future research priorities. We're building a strong scientific foundation for responsible wind energy development....The Wind Wildlife Research Meeting agenda, with a full list of presentation topics, is available on the AWWI website."

December 4, 2012



Cornstalks Everywhere But Nothing Else, Not Even A Bee : NPR

npr



TidewaterCurrent 11.30.12 - Great article. Fascinating, but not surprising. For a new coffee table style photo publication entitled "One Cubic Foot, an NPR journalist set up cubes at various locations around the world that took images of all the critters that entered the cube. At most locations there were hundreds of critters, yet oddly in an Iowa corn field there were hardly any. "There's something strange about a farm that intentionally creates a biological desert to produce food for one species: us. It's efficient, yes. But it's so efficient that the ants are missing, the bees are missing, and even the birds stay away. Something's not right here. Our cornfields are too quiet."

December 1, 2012



Crimson tides: Tourists flee from Bondi Beach 'Red Sea' as rare algae bloom turns water the colour of blood

dailymail.co.uk



TidewaterCurrent Needless to say Australia beach closed. More pics and video included.

November 27, 2012



Chemical-Free Water Recycling Technology Aids Hurricane Sandy Recovery «

earthtechling



TidewaterCurrent 11.29.12 - Electrochemical treatment of contaminated water used for Sandy recovery. The system does not provide potable water, but it removes pollutants like petroleum, kerosene, sewage and various chemicals..
November 29, 2012

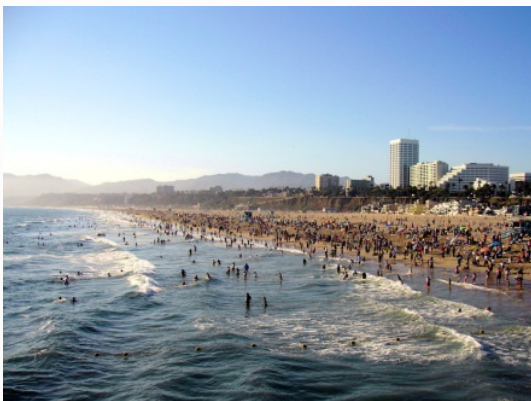


Washington state confronts ocean acidification

washingtonpost



TidewaterCurrent 11.27.12 - "first state to adopt a policy to take on what scientists describe as a growing environmental concern....The order signed by Gregoire, whose term will end in January, calls on the state to invest more money in scientific research, curb nutrient runoff from land, and push for cuts in greenhouse gas emissions on a regional, national and global scale."
November 28, 2012



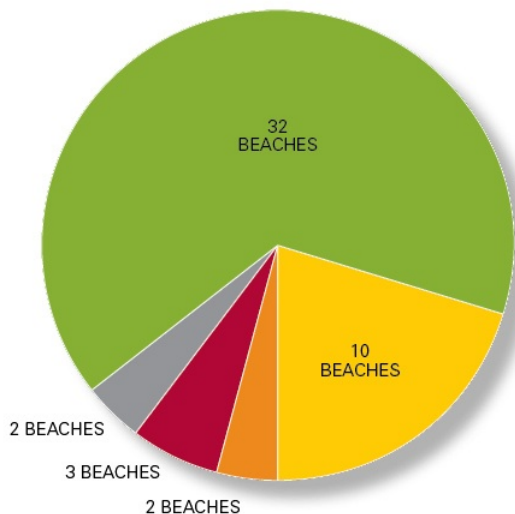
Your local beach may be getting slightly cleaner, or maybe not

grist



TidewaterCurrent 11.27.12 - EPA issues stricter water quality guidelines for beaches, lowering the allowable levels of e. coli and enterococci bacteria. The new standards are only recommended and may or not be implemented by individual states.
November 27, 2012

Virginia 2011 Beachwater Quality Summary



Percent of samples exceeding state standards:

■ 0% ■ >10-20% ■ 0 to 11 samples in 2011

Testing the Waters: Virginia

nrdc



TidewaterCurrent NRDC Beach Water Quality Link for Virginia (links to other states also) for 2011. See how your beach fares on the interactive map. Data also provided on how the VDH monitors water as well as resources and links.

November 27, 2012



Election Outcome Changes the Climate and Energy Conversation in Congress

insideclimatenews



TidewaterCurrent 11.27.12 - "The candidates who stood by clean energy were overwhelmingly elected or re-elected. ... A number of larger bills with environmental components could also see an easier path (Water Resources Development Act and The Farm Bill with Chesapeake Bay protection provisions)...A lot of the worst of the worst, the people who said the most egregious things and were the biggest allies of oil, lost...Although a carbon tax is unlikely to be approved, it has been mentioned as a partial solution to the country's coming fiscal cliff by groups as varied as the American Enterprise Institute, the R Street Institute, the Brookings Institution, Resources for the Future and oil companies including Exxon and Shell.

November 29, 2012



Whale Shark Rescue

youtube



TidewaterCurrent 11.12.12 - Video of divers off the coast of Mexico removing roper wrapped around a giant whale shark.
November 25, 2012



Self-filling water bottle takes cues from desert beetle

phys



TidewaterCurrent 11.25.12 - By mimicking the desert beetle, the NBD Nano design team has developed a water bottle capable of collecting water droplets in the desert air.
November 26, 2012



Could Seaweed Help Turn Cape Cod's Nitrogen Problem From Lemons Into Lemonade?

capenews



TidewaterCurrent 11.23.12 - Wood Hole scientists have been conducting experiments this summer harvesting strings of edible seaweed that gobble up nitrogen.
November 25, 2012



After four years, end to winter (crab) dredging considered

hamptonroads



TidewaterCurrent 11.23.12 - Virginia - "While state regulators this week approved a fifth year of moratorium, they also pledged more than \$130,000 toward a scientific study that hopes to prove once and for all how harmful winter dredging really is."
November 23, 2012



Local kids get the buzz on beekeeping

hamptonroads



TidewaterCurrent 11.26.12 - Virginia Beach, VA- "Beekeepers say younger adults and children have flocked to the clubs because of exposure to a somber topic - the decline of the honey bee population. Scientists attribute the drop to an increase in bee-killing parasites and pesticide use, and have worried about the impact on agriculture and the human diet."As a result, people are looking to see how they can help out," said Keith Tignor, apiarist for the state Department of Agriculture and Consumer Services."

November 26, 2012



Christmas Bird Count

birds.audubon



TidewaterCurrent "The 113th Christmas Bird Count will take place from December 14, 2012 through January 5, 2013. Beginning in mid November you can check "Find a Count near you" on the righthand side of this page to get involved."

November 23, 2012



A Historic Binational Agreement Gives New Life to the Colorado River Delta

newswatch.nationalgeographic



TidewaterCurrent 11.20.12 - 1% of the water that used to flow into the Delta is to be returned so some of the pre-existing 2 million acres of wetlands can be restored.
November 22, 2012



Columbian.com - Banking on wetlands

columbian



TidewaterCurrent 11.18.12 - Good read on the wetland banking business. "Builders like wetland banks for the added flexibility they offer new projects. State ecology officials like them for their natural benefit, often showing more success than a smaller wetland squeezed into a construction site somewhere."
November 21, 2012



Air Traffic Control for the Ocean

theblogaquatic



TidewaterCurrent "a group of organizations supportive of ocean planning, created the map to illustrate just how many different activities occur in the ocean – ferry routes, shipping lanes, sanctuary boundaries, fishing grounds, whale habitat and proposed wind energy areas, to name a few....This coordination is one of the goals of the National Ocean Policy"
November 21, 2012



EU Ends Shark Finning : Discovery News

news.discovery



TidewaterCurrent 11.23.12 - "The measure closes long-standing enforcement loopholes in EU policy on shark finning, will improve the collection of valuable data about shark catches, and will help to prevent the trade of fins from threatened shark species," it said in a statement.
November 23, 2012



Well-traveled whimbrel set free after years of tracked data

hamptonroads



TidewaterCurrent 11.22.12 - Researchers from WM's Center for Conservation Biology have tracked the whimbrel's travels over more than 45,000 miles over the last 3 years. "Hope's well-documented travels to a particular shore in St. Croix, in the U.S. Virgin Islands, have made her an international conservation star. Locals there have used Hope's site fidelity to block construction of a resort and golf course around her preferred wintering spot."

November 22, 2012



Palm Beach Divers Capture Stunning Video of Rare Whale Shark Encounter

blogs.browardpalmbeach



TidewaterCurrent 11.20.12
November 20, 2012



Among the eagles: deadbeat dads, nest intrusions and cheating wives

wm.edu



TidewaterCurrent 11.19.12 - William and Mary researchers from the Center for Conservation Biology have been following nesting eagles in the region for over thirty years and in that time numbers have increased significantly. The group operates a camera during nesting season (a link is included). "In Virginia, bald eagles start working on their nests in the fall; egg laying starts in mid-December and will extend to mid-February. Then, the chicks usually fledge at around 12 weeks, although they will still hang out around the nest for a short time, from a few weeks up to a month."
November 20, 2012



Creating your own wildlife corridor

eveningsun



TidewaterCurrent "Animals will be drawn through the diversity of a wild corridor, unlike the barren expanse of a lawn"

November 18, 2012



Antibiotic resistance killing off bees

yaledailynews



TidewaterCurrent Tetracycline may be altering bacteria in the guts of honey bees making them more prone to infection.

November 17, 2012



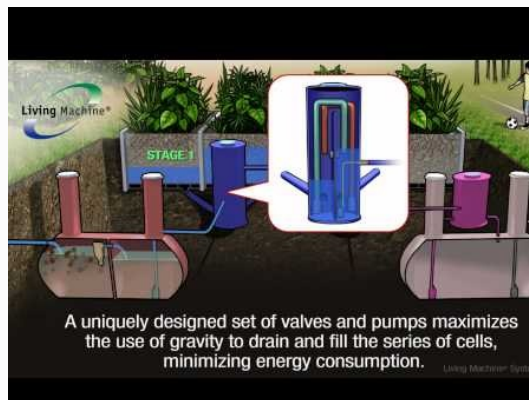
Compromise gives extra time to harvest blue crabs

hamptonroads



TidewaterCurrent 11.2.12 - "In a deal favored by conservationists, regulators and watermen, Virginia will allow blue crabs to be harvested from the Chesapeake Bay an extra two weeks this year but will require a new collection system next year that's expected to limit catches of the prized seafood."

November 20, 2012



The Living Machine® System - How it works

youtube



TidewaterCurrent Mimicking a natural wetland ecosystem, the living machine treats wastewater. They system is being used at several sites including the Port of Portland, the new home to the San Francisco Public Utilities Commission and the San Diego Marine Corps Recruit Depot.

November 20, 2012



Oysters Are in High Demand. So Why Is the Industry So Worried?

takepart



TidewaterCurrent 11.14.12 - " Ocean acidification has led to decreased yields for oyster farmers" on the West Coast.

November 16, 2012



Hemp Commission Receives \$100,000.00

surfky



TidewaterCurrent "In August, Sen. Paul joined Sens. Ron Wyden (D-Oregon), Jeff Merkley (D-Oregon), and Bernie Sanders (I-Vermont) to introduce a bill that would remove federal restrictions on the cultivation of industrial hemp in the U.S. The legislation is a companion to a House bill sponsored by Sen. Paul's father, Rep. Ron Paul, R-Texas. " Hemp can be grown sustainably to produce a number of products, including building material for homes, cars (see clean - eco transport collection), paper and fuel.

November 18, 2012



The real-life Moby Dick: Incredibly rare WHITE humpback whale spotted off coast of Norway

dailymail.co.uk



TidewaterCurrent 11.15.12 - Video included.

November 16, 2012



Marine Mammals Dodge Potentially Harmful Seismic Tests

nbcсандiego



TidewaterCurrent 11.14.12 - California Coastal Commission denies approval of PG&E's application to conduct ocean based seismic surveys that would emit sonic blasts harmful marine life.

November 15, 2012



New VA East Coast Greenway Guide Published

vabike



TidewaterCurrent 11.14.12 - "The VBF has worked with the East Coast Greenway and VA Department of Conservation and Recreation to publish the East Coast Greenway Virginia: A Guide to Bicycling and Walking." FREE at Virginia Welcome Centers.
November 15, 2012



Post Sandy, Wetlands Could Help Shore Up NYC's Defense | Climate Central

climatecentral



TidewaterCurrent 11.12.12 - "Alongside the question of how we can use restore and reconstruct wetlands to help protect our shorelines in the future, is perhaps the more urgent question of how we are protecting those wetlands we do still have. Even as we note the overlap between areas of extensive hurricane destruction and tidal wetlands, properties are still being slated for development on low-lying land adjacent to tidal wetlands. Now is the time to consider reserving these lands, where possible, to allow marsh to migrate into them as the sea level rises, and to reserve their functions and benefits."
November 16, 2012



Local Maritime Organizations Recognized with Learn Barge Steward Ship Awards

elizabethriver



TidewaterCurrent Ten local maritime organizations were recognized by the Elizabeth River Project for helping to maintain the Learning Barge, a floating ecological classroom sustainably designed and built by UVA students. The barge is powered by the sun and wind and houses mini habitats that students explore on field trips. The mission of the Elizabeth River Project is to achieve a swimmable and fishable river by 2020
November 15, 2012



Urban Farmer Helping Give Bees a Chance - Front Page Journal -

ecori



TidewaterCurrent 11.12.12 - Founder of Giving Bees a Chance, Chris Combs maintains hives that are home to 40,000 bees.
November 13, 2012



Contamination levels still high in 3 Va. waterways

sfgate



TidewaterCurrent 11.14.12 - After Sandy, several Chesapeake Bay tributaries remain closed to shell fishing - "coliphage levels in the Nansmond, lower James and Lynnhaven rivers remain above federal safety standards."
November 15, 2012



Harris Creek oyster project offers hope - Chesapeake Bay Journal

bayjournal



TidewaterCurrent "Harris Creek, a tributary of Maryland's Choptank River, is the site of the largest ever oyster restoration effort in the Chesapeake — or, for that matter, anywhere along the East Coast." It is hoped that the giant oyster restoration efforts will clear the murky water and provide habitat for a self sustaining population.

November 14, 2012



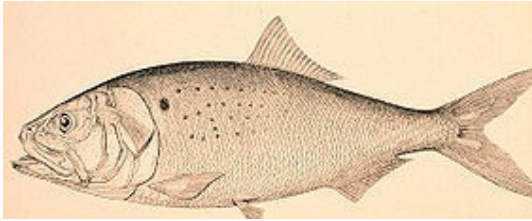
VMRC: banner year for oyster spat could mean banner harvest in three years

articles.dailypress



TidewaterCurrent "With word percolating through the watermen community that the spat set has been so good this year, we're seeing an increased number of people wishing to lease oyster grounds in the James River," said VMRC spokesman John Bull."

November 14, 2012



Saving a fishery

fredericksburg



TidewaterCurrent 11.11.12 - "65 percent of the adult menhaden population is removed from East Coast waters yearly. Omega Protein harvested 160,000 metric tons of menhaden in 2010, or 80 percent of the total harvest. The fishery's population has declined precipitously, from 90 billion in 1960, to 70 billion in 1985, to 18 billion in 2010. Menhaden once supplied about 70 percent of an adult rockfish's diet. Today that has dwindled to 8 percent, and researchers say rockfish are showing signs of malnourishment and early death." To reduce the the threat to this important resource in Virginia, the General Assembly needs to take action.

November 12, 2012



Virginia Tries to Circumvent Obama on Drilling

nytimes



TidewaterCurrent 11.13.12 - "The state is trying to restore a lease sale for energy exploration that was canceled in 2010 after the BP oil spill in the Gulf of Mexico. Its efforts have made Virginia the new epicenter of a campaign by energy companies to gain a toehold in the potentially vast resources hidden beneath the Atlantic....Advocates for marine mammals have written thousands of letters and testified at public hearings, arguing that seismic surveys of the outer continental shelf would hurt endangered whales. The tests are scheduled to begin early next year."

November 14, 2012



Starlings have a whale of a time

bbc.co.uk



TidewaterCurrent 11.12.12 - Scotland
November 12, 2012



Governor Cuomo: Imagine There's No Fracking... 1A+A-

ecowatch



TidewaterCurrent 11.9.12 - "Our message is simple: we want Gov. Cuomo to imagine and guarantee a New York free of the fracking threat to our water, air, beautiful landscapes and climate. Everytime New Yorkers pass this billboard, we also want them to imagine a truly clean energy future, not fracking."

November 10, 2012



Small Fish, Big Break: CA Votes to Protect Ocean's Tiniest Residents

takepart



TidewaterCurrent 11.9.12 - "The California Fish and Game Commission voted unanimously to implement a policy that will protect more forage fish from commercial nets, in order to feed valuable marine predators including Pacific right whales, salmon, tuna, rockfish, pelicans, sea lions, and more."

November 10, 2012



Focus in uranium mine fight shifts

vancnews



TidewaterCurrent "North Carolina coalition has organized to fight against the siting of a uranium mine in Pittsylvania county Virginia which is in the watershed draining into the Roanoke River and Lake Gaston. One activist notes: "Uranium mining in a hurricane zone with our precipitation patterns is more than risky, it's foolish!" Proponents of the mine may be maneuvering to only lift the ban on uranium mining in Pittsylvania county, instead of the entire State of Virginia, which may be an easier feat to accomplish. Water supply is at risk for those who rely on water from Lake Gaston (as does much of South Hampton Roads).
November 9, 2012



Coast Guard launches right whale operation

hamptonroads



TidewaterCurrent 11.10.12 - "The National Oceanic and Atmospheric Administration has implemented regulations that require vessels 65 feet or greater to operate at 10 knots or less in areas where the right whales are known to migrate. That includes the waters off Virginia."
November 10, 2012



Colorado district wants to hoard drinking water so oil companies can maybe use it

grist



TidewaterCurrent 11.8.12 -

Colorado's Supreme Court is hearing arguments over a water dispute. One CO district wants to divert a lot of water that eventually would flow into the Colorado and contribute significantly to California's drinking water supply, for potential oil and gas operations. Author notes: "I'm sure that if we just explain this all very calmly to the people of California — that their drinking water is being held just in case oil companies figure out a way to extract oil shale which we can then burn and exacerbate the climate change that threatens to create permanent drought conditions in the Southwest which will then make this whole dispute unnecessary — they'll understand."

November 10, 2012



From Coal Mine to Botanic Garden

audubonmagazine



TidewaterCurrent With the help of middle and high schoolers and old mine site will be restored and transformed into a botanic garden in Western Pennsylvania.

November 7, 2012



Underwater Robots Track Sharks Off US in a First

ouramazingplanet



TidewaterCurrent "It's the first time a device like this has been used to find and instantly report where sharks hang out and migrate to, according to a release from the University of Delaware, whose researchers are behind the project."

November 6, 2012



Green tech: Corps of Engineers wetland habitat lowers flood risk for Dallas

dvidshub



TidewaterCurrent 11.5.23 - U.S. Army Corps of Engineers builds wetlands enjoyed by bird watchers "which is also a green tech method for lowering flood risk within the Dallas Floodway System"

November 8, 2012



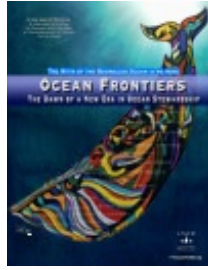
Robots replace costly US Navy mine-clearance dolphins

bbc



TidewaterCurrent 11.8.12 - "In April, the Navy unveiled its plans for Knifefish, a torpedo-shaped, underwater robot that would roam the seas for up to 16 hours, looking for mines. The 7m- (20ft-) long unmanned underwater vehicle (UUV) is still in development, but should be ready by 2017, and will use sonar to hunt mines. "The Knifefish UUV is ultimately intended to be the replacement for the marine mammals"

November 9, 2012



Ocean Frontiers: the dawn of a new era in ocean stewardship - FREE Movie at VIMS November 19, 2012 (3:30 PM AND 6:30 PM – McHugh Auditorium - VIMS, Gloucester Point, Yorktown) - Tidewater Current | Fall 2012

[tidewatercurrent](#)



TidewaterCurrent Filmed in HD. Ocean Frontiers is a documentary and outreach campaign to inspire and mobilize audiences to better care for the ocean and the bay, for the good of all. More Info about the production. The viewing is free and open to the public - click on the time above to register for a viewing.
November 9, 2012



Scrapped Plans for Power Lines Protect Habitats from Energy Development

[audubonmagazine](#)



TidewaterCurrent "THOUSANDS OF ACRES ARE SAVED WHEN PLANS FOR TWO TRANSMISSION LINES (running 425 miles through West Virginia, Virginia, Maryland and Delaware) MEET THEIR END. ...Instead of building massive and expensive infrastructure, the utility companies will meet the region's energy needs by paying high-demand companies to reduce their electricity use for specified amounts of time. "The decision hinged on looking at the role of the energy-efficiency programs and the state energy policies, and asking that they be examined," says Kreitler. "It's a precedent."
November 7, 2012



A Scholarly Harbor

[online.wsj](#)



TidewaterCurrent New York Harbor School is a NYC public school where kids are trained for careers in marine stewardship. One of the big projects students are involved in is oyster restoration.
November 3, 2012



How Do Hurricanes Affect Birds?

audubonmagazine



TidewaterCurrent 10.24.12 - Interesting - Published just before Hurricane Sandy, the author notes that birds often travel along with hurricanes in the eye and there is often good opportunities to see rare birds after the storm.
November 3, 2012



Excellent Idea of the Day: Post-Sandy Birding : Discovery News

news.discovery



TidewaterCurrent 11.2.12 - "The BirdCast project this week reports that the massive high pressure that blocked Sandy's path into the Atlantic is bringing some amazing vagrants, including Ross's gull and the Northern lapwing, into the Northeast."
November 3, 2012



Kemp's Ridley Sea Turtle Travels from Gulf to Holland

kiiitv



TidewaterCurrent 11.2.12 - Flip must have ridden the Gulf Stream across the Atlantic and was found injured on the beach in Holland where she has been rehabilitating for the last year. She was flown back to the States and will be released back into the Gulf of Mexico where he belongs next Friday.
November 5, 2012



Bay Daily: DC Program Pays Residents to Reduce Stormwater Pollution

cbf.typepad



TidewaterCurrent 11.2.12 - Great community program: "DC has launched a program called RiverSmart Homes. In it, homeowners can receive up to \$1,200 from the city for projects to cut stormwater runoff from their properties into the Potomac and Anacostia rivers."

November 2, 2012



Adaptable Modular Garden Fence Doubles as Pollinators' Habitat

treehugger



TidewaterCurrent "Beetles, wasps, bees or moths: all are welcome in Pollinators' Paradise, a modular garden fencing system to provide food and shelter to nature's creepy crawlies."

November 2, 2012



System Keeps Deer Away From Roads : Discovery News

news.discovery



TidewaterCurrent 10.31.12 - "The sounds are designed to scare deer away from the road and oncoming traffic, protecting the animals from all traffic, not just one car."
November 2, 2012



'Talking' elephant can parrot Korean words

usatoday



TidewaterCurrent 11.1.12 - "Koshik is capable of matching both pitch and timbre patterns," in human speech, says researcher Angela Stoeger of Austria's University of Vienna, in a statement on the Current Biology journal study she led."
November 2, 2012



Chloroform-breathing bug could detox sites - News in Science (ABC Science)

abc.net.au



TidewaterCurrent The bacteria *Dehalobacter* breaths chloroform like we breath oxygen and transforms it into acetate . Chloroform is a toxic, carcinogenic material found at up to a third of contaminated sites in the US. So this bioremediation microbe could have its work cut out for it.

November 1, 2012



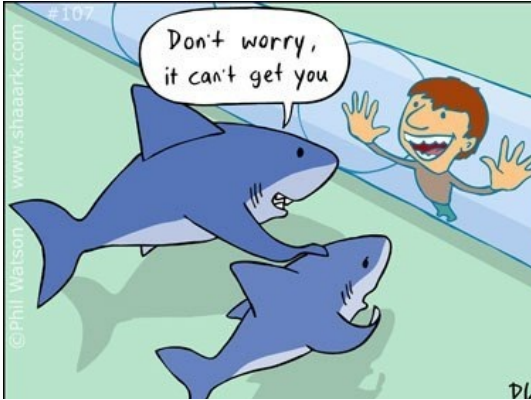
Living The Night Life: Bats Are Needed All The Time – Not Just On Halloween

redorbit



TidewaterCurrent 11.1.12 - Bats play an important ecological role as pollinators and they consume insects and reduce the need for pesticides in some areas. They have been afflicted with a disease - white nose syndrome - that will likely cause extinction of some species . A group of researchers from the University of California and Boston University are studying their behavior and susceptibility to the disease.

November 1, 2012



Costa Rica to Take a Bite Out of Global Shark Finning

switchboard.nrdc



TidewaterCurrent 11.1.12 - "The practice of finning has been technically illegal for quite some time, but corruption and poverty have undermined the rule of law. Happily, things seem to be changing.

President Chinchilla recently signed a decree mandating stronger protections for sharks by requiring that all sharks landed on Costa Rica's shore be inspected to make sure they still have their fins attached.

Violators will be subject to larger penalties. The law will also furnish the Coast Guard with better radar systems for detecting poachers. Even Sir Richard Branson weighed in to support these important changes."

November 2, 2012



Work proceeds on Marysville's new 'living shoreline' - News - Voice News

voicenews



TidewaterCurrent St. Claire, MI - "A "living shoreline" consists of restored habitat, re-planted native vegetation and a variety of erosion control measures that mimic natural shorelines, which tend to be naturally stable and provide habitat for migrating birds and spawning fish. Wetlands, in addition to offering habitat for birds and fish, help slow and purify stormwater runoff from the land, and help breakup incoming waves. Seawalls reflect waves back out to the river, instead of absorbing them, making the water rougher; some of the wave energy is forced downward, undermining the river bottom in which the seawalls are imbedded, hastening their collapse."

October 31, 2012



Pacific fish from Japan to Oregon still radioactive from Fukushima fallout

grist



TidewaterCurrent 10.25.12 -
"According to a paper published in the journal Science on Thursday, large and bottom-dwelling species carry most risk, which means cod, flounder, halibut, pollock, skate and sole from the waters in question could be off limits for years."
October 26, 2012



Robert Redford Cuts 5 Anti-Fracking Ads 0A+A-

ecowatch



TidewaterCurrent "fracking for gas threatens drinking water supplies, contaminates the air and contributes to climate change," says Redford "To make matters worse, the gas industry plans to ship much of our shale gas overseas, as we shoulder all the environmental and public health risk."
October 30, 2012



Celebrity TreeHugger Woody Harrelson on His Tree-Saving Paper Mill (Interview)

treehugger



TidewaterCurrent "The company's first product, copy paper Step Forward Paper, is made of 80 percent agricultural waste wheat straw and 20 percent Forest Stewardship Council certified wood fiber, and is bleached using an elemental chlorine-free sequence."

October 30, 2012



Nations Have Historic Opportunity to Protect Antarctic Waters

newswatch.nationalgeographic



TidewaterCurrent 10.23.12 - 24 governments, including the EU, U.S., New Zealand, Australia, and China participate in the Commission for the Conservation of Antarctic Marine Living Resources and are meeting this week to establish marine protection areas. Includes link to join the Antarctic Ocean Alliance and support the protection of the Antarctic.

October 25, 2012



Bay Daily: Arlington: More Green, Less Stormwater

cbf.typepad



TidewaterCurrent 10.26.12 - "green, holistic approaches can greatly reduce runoff pollution and improve local water quality is clearly demonstrated by before and after photos of the Donaldson Run restoration project. Especially striking is this image, taken during a heavy thunderstorm. The water coming down the restored branch of Donaldson Run on the left is markedly cleaner than the muddy, silt-filled water coursing down the unrestored branch on the right."
October 30, 2012



Living shorelines starting to take root along Bay's beaches - Chesapeake Bay Journal

bayjournal



TidewaterCurrent "Living Shorelines are now the preferred method to control erosion. A 2008 Maryland law mandated that living shorelines become the protection method of choice to hold back erosion, instead of the rip-rip that has become such a common site along riverfront homes. ..The living shorelines have brought terrapin back to nest on beaches that had not seen them for decades, said Eric Schwaab, NOAA's assistant secretary for fisheries. They've also led to the return of minnows, crabs, shrimp and small worms that burrow among the plants."
October 30, 2012



Bay oysters: VIMS scientist says they're showing a resistance to lethal diseases

articles.dailypress



TidewaterCurrent 10.22.12 - Dermo and MSX are still present in highly saline waters of the Chesapeake Bay, but it appears the oysters are developing a resistance to them.
October 23, 2012



Whale 'makes human-like sounds'

bbc.co.uk



TidewaterCurrent 10.22.12 - "Researchers outline in Current Biology just how NOC did it."
October 22, 2012



Ships Caught Illegally Dumping Waste Must Work To Clean Chesapeake Watershed - CBS Baltimore

baltimore.cbslocal



TidewaterCurrent 10.23.12 - "The money collected from shipping companies convicted of polluting will pay for 10 restoration projects, most upstream from the bay but with the bay very much in mind."
October 24, 2012



How Fly Farming May Help More Fish Stay In The Sea : NPR

npr



TidewaterCurrent 10.23.12- A fly factory near Cape Town and is selling "Magleal, a brown crumbly protein meal made of maggots, or fly larvae, to South African salmon and chicken farms." Aquaculture operators that use the fly feed, reduce the demand for and stress on forage fish populations. The company expects to produce 100 tons of fly meal next year and they cannot keep up demand.
October 24, 2012



Enthusiastic Student Scientist Wins Attention for Promising Solar Clean Water Project

treehugger



TidewaterCurrent 10.21.12 - "Deepika was able to prove that the combined $\text{TiO}_2\text{-ZnO}$ rods significantly accelerated the treatment time necessary to achieve clean water using the sun for treatment...The materials Deepika chose for her project are cheap and relatively available, offering a good fit for meeting the widespread demand for cleaner water. Additionally, the photocatalysts can be re-used repeatedly, unlike chemicals treatments (e.g. chlorine or iodine)."
October 22, 2012



International scientists to tour Byron wetlands

byronnews.com.au



TidewaterCurrent 10.24.12- New South Wales, Australia - "The Byron Bay Sewage Treatment Plant... is considered to be among the world's most ecologically advanced sewage treatment systems, incorporating around 30 hectares of various constructed wetland systems and a Class A reclaimed water supply system. More than half a million trees have been planted in a constructed paperbark wetland system which was built for the purposes of wetland regeneration, effluent reuse, acid sulphate soil management and carbon sequestration. More than 200 bird species, including rare and endangered species, rely on the wetland and conservation areas at Byron Bay Sewage Treatment Plant as habitat"

October 24, 2012



WHY IT MATTERS: The Environment

abcnews.go



TidewaterCurrent 10.19.12 - A look at the environmental stance of the presidential candidates, particularly in relation to clean air and water.

October 20, 2012



Oyster tasting returns Nov. 10 to Gloucester

dailypress



TidewaterCurrent 10.18.12 - "Sponsored by the Tidewater Oyster Gardeners Association, the annual event gives participants an opportunity to sample and rate a variety of locally harvested oysters and helps promote oyster aquaculture in Virginia waters."

October 18, 2012



Wyoming's Safe Passages Protect People and Pronghorn - Wildlife Conservation Society

wcs



TidewaterCurrent 10.15.12 - "Thanks to newly constructed over and underpasses, transportation is now much safer for Wyoming motorists and migrating pronghorn that number in the thousands as they journey between winter and summer homes." October 18, 2012



Riding Currents

ridingcurrents



TidewaterCurrent 10.18.12 - "The first electric boat journey to span more than 300 miles, from Santa Barbara to Mexico, helping to raise awareness about the plastic that is destroying our Oceans." Videos included. October 18, 2012



Decline in Salt Marshes in US Caused by Increased Nutrient Levels - ENN

enn



TidewaterCurrent 10.19.12 - A report from the Marine Biological Laboratory at Woods Hole, MA indicates these nutrients are coming from sewer systems and lawn fertilizers, such as nitrogen and phosphorus.
October 22, 2012



The buzz about pesticides

nature



TidewaterCurrent 10.21.12- "Bees, the most important pollinators of crops, are in trouble. All over the world, their populations are decreasing and scientists and farmers want to know why...a blooming crop of research suggests that pesticides are also to blame." A study conducted at Royal Holloway, University of London finds that current methods of analysis are flawed as they only consider lethal doses of a single pesticide not the synergistic effects of low level exposure to multiple pesticides.
October 22, 2012



Learn How Floating Wetlands Help Water Quality

hrpdcva.gov



TidewaterCurrent October 24
October 15, 2012



Is ExxonMobil trying to pipe tar-sands oil through New England?

grist



TidewaterCurrent 10.12.12- The Bangor Daily News reports that several environmental groups cite evidence for plans to use an aging pipeline to transport tar sand to Portland for shipment to global markets.
October 15, 2012



Va. working to restore longleaf pine

www2.timesdispatch



TidewaterCurrent 10.15.12 - "Darren Loomis, who oversees state nature preserves in southeastern Virginia, talks about attempts to rebuild the longleaf pine forests. Only one to three percent of these evergreen forests remain."
October 15, 2012



A Small Victory for Private Property, the Environment and Oysters Everywhere

baconsrebellion



TidewaterCurrent Virginia Supreme Court rules that the York County property owners have the right to keep farming oysters from their riverfront property. Even though they are now in violation of a county zoning code - they began their operations before revisions to the zoning code and allowed to continue their farming operation.
October 18, 2012



US environment agency fights back over mountaintop mining

nature



TidewaterCurrent 10.16.12 - "Mountaintop mining involves removing large amounts of earth with explosives to allow the excavation of thin seams of coal beneath them. Last year, the EPA vetoed a permit for one of the largest such projects ever planned in West Virginia."
October 18, 2012



Senator Bernie Sanders: End Polluter Welfare 3A+A-

ecowatch



TidewaterCurrent "As a member of both the Senate Energy and Environment committees, I am working to stop the handouts to the fossil fuel industry. I have introduced legislation called the End Polluter Welfare Act. Rep. Keith Ellison filed the companion bill in the House of Representatives. Our measure calls for the elimination for all subsidies to the oil, gas and coal industries. Using the best available estimates from the non-partisan Joint Committee on Taxation and other budget experts, we found more than \$113 billion in federal subsidies will go to fossil fuel corporations over the next 10 years alone. These subsidies benefit some of the wealthiest corporations on the planet, including the five largest oil corporations, which made a combined profit of \$1 trillion over the last decade. Unlike sustainable energy incentives, many..

October 18, 2012



Large harbor floating wetland project stirs debate

baltimoresun



TidewaterCurrent 10.14.12 - A marina owner in the harbor, who cannot rent space wants to take on this project to improve the harbor. Environmental groups and scientists support the project as it would restore habitat and remove nutrients and likely benefit water quality, but regulators are holding this project up.

October 15, 2012



For the upwardly mobile Hobbit: The Swiss eco-homes that look like they're straight out of Lord Of The Rings

dailymail.co.uk



TidewaterCurrent 10.12.12 - Dietikon, Switzerland - Earth Houses - integrating architecture with nature. Lots of photos. See more snips on architecture in Sustainable Design-Green Building collection. October 13, 2012

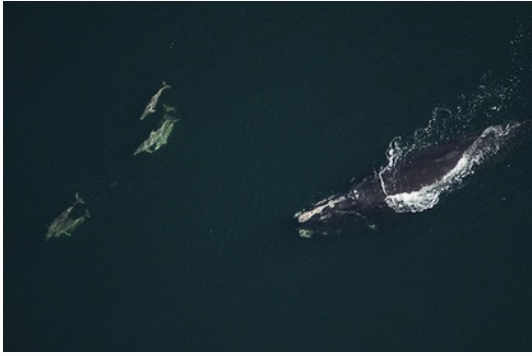


Oceana fights plan to let swordfish fishery kill more endangered sea turtles

fis



TidewaterCurrent 10.9.12 - The National Marine Fisheries Service (NMFS) has approved an increased endangered sea turtle take from sword fishing operations in the North Pacific "Oceana is evaluating all options to stop these measures before they take effect on 5 November 2012." October 12, 2012



A Good Fight for a Good Whale: Ban Seismic Testing in the Atlantic

switchboard.nrdc



TidewaterCurrent 10.11.12 - The Right Whale, one of the world's most endangered species, may soon have to contend with industrial air gun blasting in the Atlantic in the search for offshore oil and gas. The Dept. of Interior is looking to allow more than 13.5 million such blasts known to be harmful to marine mammals. Links included to a petition to stop seismic testing in the Atlantic.

October 13, 2012



The Latest Science from Europe —Safe Fracking is a Fairy Tale 0A+A-

ecowatch



TidewaterCurrent 10.11.12 - A European Commission report as well as German reports from the Environment Agency and one funded by Exxon-Mobil found there are numerous risks associated with hydrofracking, including water contamination. Notably, one finding reported is that shale gas has a greenhouse footprint between 38 to 183 percent higher than conventional natural gas.

October 12, 2012



Perdue volunteers, Nanticoke residents place baby bivalves

delmarvanow



TidewaterCurrent 10.8.12 - Volunteers help Bay restoration efforts.

October 9, 2012



Insect Hotels

inspirationgreen



TidewaterCurrent Pollinators and pest controllers need help and habitat. This is a great site with many photos depicting pollinator hotels all over Europe. Includes basic DIY instructions and links to more sites as well as a listing of where you can buy a premade hotel.

October 13, 2012



Restoring the Urban Sea by Farming It

newswatch.nationalgeographic



TidewaterCurrent 10.9.12 - Seaweed and shellfish being farmed vertically off of Long Island provide food, fuel and remove nutrients.

October 9, 2012



Virginia Tech Tree ID

play.google



TidewaterCurrent Free app for Android 2.2 and up. "It contains fact sheets for 969 woody plants from all over North America with an in depth description, range map and thousands of color images of leaves, flowers, fruit, twigs, bark and form. Users can narrow the species list for any location in North America using the phone's GPS, network signal or any entered address or zip code."

October 10, 2012



How a multibillion dollar rail project in London is building a wetland

chinadialogue



TidewaterCurrent 10.10.12 - Note the source of this interesting article.

Wetland loss is a concern in China and thus the interest in this project. Earth removed from an underground train tunnel being excavated under the City of London will be carried to the coast to restore an ancient wetland on Wallasea Island and serve to provide habitat and protect the coast from sea level rise.

October 10, 2012



Monarch Madness: Burke Resident Tracks Butterflies to Mexico and Back

burke.patch



TidewaterCurrent Virginia resident works to track Monarchs on their way to the mountains of Mexico where they overwinter. The population is experiencing a dramatic decline. "The monarch migration is an "endangered phenomenon," says Brower. In this country, pesticides, herbicides and development are destroying breeding habitat and milkweed plants. Monarch habitat disappears at 6,000 acres a day and overuse of herbicides along highways and elsewhere is creating grassy areas that support few species,"

October 11, 2012



The Chesapeake Bay Restoration: A Partnership No More - Southern Maryland Headline News

somd



TidewaterCurrent Great commentary. The author notes that in a recent executive meeting in Virginia of the Chesapeake Bay Executive Council which meets to coordinate Chesapeake Bay plans, Virginia Governor McDonnell did not attend, nor did his counterpart in Pennsylvania. "The Chesapeake Bay can ill afford the ongoing lack of commitment to regional partnering and solutions. While we have stayed the precipitous decline that plagued the Chesapeake in 1983, it remains far from healthy. Perhaps we need our current Executive Council members to revisit the history of the Chesapeake Bay restoration partnership and determine how it was that an EPA administrator appointed by Republican President Richard Nixon could forge with a Democratic Virginia governor who was the son-in-law of former President Lyndon Johnson a...

October 11, 2012



The Rising Tide: Research and Planning - Tidewater Current | Fall 2012

tidewatercurrent



TidewaterCurrent 9.23.12 - Analysis indicates that sea level rise is accelerating in the mid-Atlantic.
October 8, 2012



Polar Bears Take a Big Step Towards International Protection

switchboard.nrdc



TidewaterCurrent 10.6.12 - US and Russia support banning the cross-border commercial trade in polar bear parts.
October 8, 2012



Why Are Bees Making Blue Honey?

care2



TidewaterCurrent 10.7.12 - It is not coming from blue flowers. Bees have been visiting a biogas plant that takes waste from an M & M plant and bringing home to their hives a sugary blue substance that has tainted the honey they produce.

October 7, 2012



Lobster catch was out of the blue

gloucestertimes



TidewaterCurrent Soon to be on display at the New England Aquarium.
October 9, 2012



Will the Federal Agency Charged with Protecting Whales and Dolphins Stand Up to the Navy?

switchboard.nrdc



TidewaterCurrent 10.5.12 - The author notes that the Navy is requesting permission to "take" some 33,000,000 marine mammals in testing - but in fairness, it should be pointed out that any alteration in behavior results in a "take". Nevertheless, the impact of testing on marine mammals is a real concern. Devices are being developed that monitor marine mammals better than the lookouts proposed by the Navy and the development of such technologies at a minimum should be required before any kind of testing is allowed. See <http://snip.it/snips/303483>
October 8, 2012



Most Whale Deaths in Past 40 Years Were Caused by Humans: Scientific American

scientificamerican



TidewaterCurrent 10.7.12 - Woods Hole Oceanographic researchers analyzed known whale deaths on the East Coast from 1970 and 2009 and determined that in 67% of cases, the cause was human, mostly from entanglement in fishing equipment and ship strikes. "The analysis also points out where future protection efforts could be focused. Van der Hoop notes that their estimates of where vessel strikes occur show a large spike in the waters around Cape Hatteras, just north of Morehead City in North Carolina. Almost no measures have been implemented in this region to reduce whale deaths, so a focus on preventing vessel strikes here could be hugely valuable."
October 8, 2012

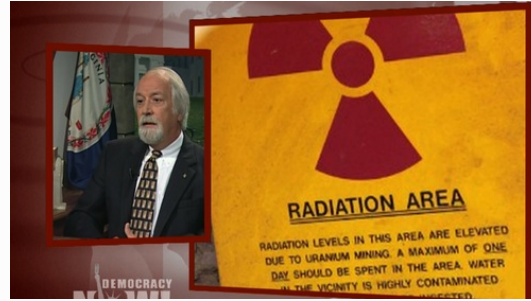


There are seahorses living in New York City

grist



TidewaterCurrent
October 4, 2012



Virginia Residents Fight Back Against Nuclear Industry Effort to Lift Ban on Uranium Mining

democracynow



TidewaterCurrent 10.1.12 - Many of Virginia's major cities have passed resolutions to oppose lifting the ban on uranium mining in Virginia. Here's a transcript of an interview with former VA Dept. of Environmental Quality Director and now consultant to the "Keep the Ban Coalition" Robbert Burnley highlighting all the concerns. October 4, 2012



Elizabeth Chimento of Alexandria, Va., was first to raise questions about plant's emissions | wusa9.com

wusa9



TidewaterCurrent 10.1.12 - Local community is celebrating the shut down of the GenOn coal plant, the largest single source of air pollution in the Washington metro area. October 4, 2012



Will U.S. Taxpayers Foot the Bill for BP Oil Spill Cleanup?

ecowatch



TidewaterCurrent 10.5.12 - BP has already written off \$11.8 billion in clean up costs. And, if a settlement plan being negotiated is adopted, an additional burden for the clean up will be put onto tax payers. BP would still have to pay fines, but they would be able to write off those off as well and deduct them from taxes owed.
October 5, 2012



VIMS will use major EPA grant to help protect Chesapeake Bay

vims.edu



TidewaterCurrent 10.2.12 -VIMS awarded \$999,640 grant to develop tools that help municipalities protect wetlands. " EPARegional Administrator Shawn M. Garvin said, "Through this grant, VIMS will work to reduce wetland loss in Virginia, which will help the state's economy as well as its environment."
October 3, 2012



Racing to Save the Bay - The Great Chesapeake Bay Schooner Race October 7-14, 2012 From Baltimore, Maryland, to Portsmouth, Virginia

schoonerrace



TidewaterCurrent Proceeds generated from that race are donated to the Chesapeake Bay Foundation for Children Education Programs.
October 3, 2012



Raising Frogs for Freedom, Prison Project Opens Doors

nytimes



TidewaterCurrent Great Program. With budget cuts, many prison programs have been developed to capture rainwater, renewable energy and produce food. This program is using prison labor for ecological purposes and in the process those involved are making great progress in their own rehabilitation. One prisoner involved in raising frogs is now finishing a PH.D. in molecular biology. October 3, 2012



How Biomimicry is Inspiring Human Innovation

smithsonianmag



TidewaterCurrent 10.2.12 - Not only do we procure important products from nature, nature also inspires innovative design. Qualcomm used the nanoscale assemblage of shingled plates creating the iridescent glow of butterfly wings to create an energy efficient electronic device display. October 2, 2012



Bill Sargent: Anglers hail Billfish Act passage

floridatoday



TidewaterCurrent 9.29.12 - The bill awaiting the Presidents signature, bans the commercial harvest and sale of Pacific-caught billfish, including marlin and sailfish. Commercial harvesting of these fish has resulted in a dramatic decline in their stocks. October 1, 2012



Decline of bees forces China's apple farmers to pollinate by hand

chinadialogue



TidewaterCurrent "Evidence from around the world points to falling and increasingly unpredictable yields of insect-pollinated crops, particularly in the areas with the most intensive farming. Where crops are grown in vast fields, there are not enough insects to go around. If insecticides are sprayed too frequently, then vital pollinators cannot survive. "

October 2, 2012



Fish to shrink by up to a quarter due to climate change, study reveals

guardian.co.uk



TidewaterCurrent 9.30.12 - University of British Columbia study indicates that fish size will decrease up to 25% by 2050 as oceans warm Another study conducted in 2011 corroborates the findings showing a correlation between warming water and diminished size in North Sea Haddock.

September 30, 2012



Proposals revealed for Fort Monroe | WAVY.com | Hampton, Va.

wavy



TidewaterCurrent Includes link to development plan.

September 30, 2012



Giant sturgeons spotted in the James downtown

www2.timesdispatch



TidewaterCurrent 9.26.12 - "Sturgeons were once common in the Chesapeake Bay region, but they were fished nearly to extinction more than century ago for their caviar. In the 1800s, fishermen reportedly tied giant sturgeons to the Mayo Bridge before selling them. Pollution apparently made it hard for the fish to make a comeback."
October 1, 2012



Isabella Rossellini: the Bee movie star

guardian.co.uk



TidewaterCurrent "Rossellini's new films focus on honey bees ... Made with the cosmetics company Burt's Bees"
September 30, 2012



Did You Know? The Monarch's massive migration

delawareonline



TidewaterCurrent 9.26.12 - Two critical habits for migrating monarchs on their journey to Mexico are Cape May, NJ and Cape Charles, Va.
September 27, 2012



Bird Biodiversity Could Be Key To Stopping West Nile

wamu



TidewaterCurrent Finches and Crows are West Nile carriers. William and Mary scientist suggests that by increasing biodiversity of birds, the spread of West Nile will be inhibited. This can be achieved by adding native plants to gardens and keeping cats indoors.
September 28, 2012



Scientists examine fall migratory pathways and habits of whimbrels

phys



TidewaterCurrent 9.28.12 - Fall 2012 migratory routes of whimbrels tagged by researchers at William and Mary. One bird traveled 4,355 miles in six days.
September 29, 2012

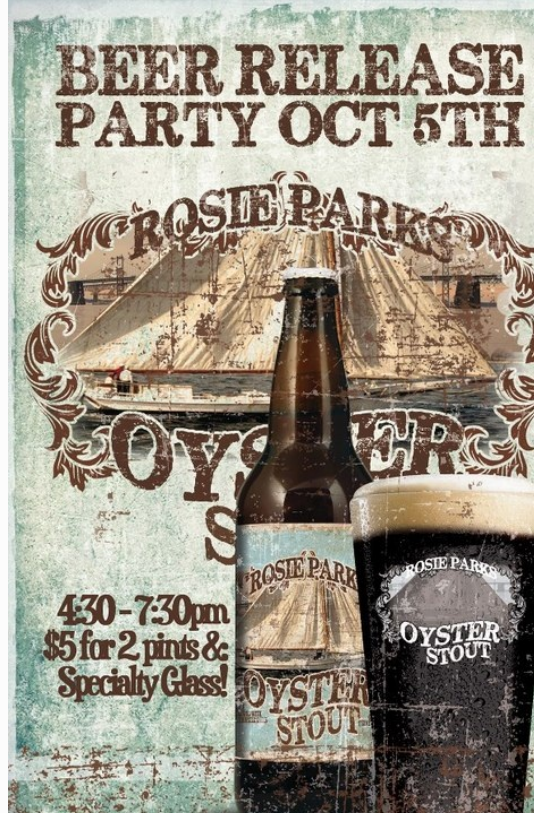


Rare albino whale puts on a show off Australian coast - CNN.com

cnn



TidewaterCurrent Migaloo, a humpback, was first seen as a juvenile in 1991 and is now thought to be in his 20s.
September 27, 2012



Drink your way to a Cleaner Bay: Craft Brewers Contribute to Restoration Efforts - Tidewater Current | Fall 2012

tidewatercurrent



TidewaterCurrent 9.27.12 - Striped Bass Pale Ale, Pearl Necklace and Rosie Parks Oyster Stout are all relatively new brews. And the proceeds from sales will be used for restoration efforts along the Chesapeake Bay.
September 29, 2012



Japan considers whale hunt suspension | Connect Asia

radioaustralia.net.au



TidewaterCurrent "Japan's Fisheries Agency says it may have to suspend this year's whale-hunt while the country's main factory ship - the Nishin Maru - undergoes repairs."
September 27, 2012



Watershed Restoration, the New Job Growth Sector

newswatch.nationalgeographic



TidewaterCurrent 9.26.12 - The restoration economy. "Oregon projects from 2001 to 2010 generated an estimated 6,483 jobs and nearly a billion dollars in economic output around the state."
September 27, 2012



Building oyster habitat one dome at a time | Maryland Daily Record

thedailyrecord



TidewaterCurrent 50 reef balls were hoisted in the Cook Point oyster sanctuary near Cambridge, creating habitat for oysters and other marine life.
September 27, 2012



Chesapeake photo becomes a stamp

washingtonpost



TidewaterCurrent 9.25.12 - 1 of the USPS's 15 new Earthscap stamps will feature the Chesapeake Bay.
September 26, 2012



Monitoring marine mammals

phys



TidewaterCurrent 9.25.12 - "PAMBuoy is a cutting edge autonomous passive acoustic monitoring system for marine mammals. It operates 24/7 to automatically detect and classify vocalising marine mammals – whales, dolphins and porpoises, providing high resolution data that can be used to identify species present and determine temporal patterns in use." Designed for use during construction of offshore wind and marine energy installations, I would hope the device could also be used in commercial shipping lanes and by the military before maneuvers and testing missions.
September 25, 2012



Bee boulevard: How to turn an urban corridor into a haven for native pollinators

grist



TidewaterCurrent 9.19.12- Seattle's Pollinator Pathway could serve as a model for other cities.
September 20, 2012



Intrigue in the fight over Va. uranium mining

washingtonpost



TidewaterCurrent Recording captures a state politician pressuring a local Pittsylvania representative to shelve a resolution they were to vote on regarding a proposed uranium mine. "The uranium issue has been fraught with allegations of influence peddling. Last year, Virginia Uranium drew criticism for paying for state legislators to visit some former uranium mining sites in France. The trip included an expenses-paid stopover in Paris.
September 25, 2012



Quebec's New Government Looks to Ban Fracking

treehugger



TidewaterCurrent 9.22.12 - Quebec's Natural Resources minister says: "I don't foresee a day when there will be technology that will allow safe exploitation of shale gas. Our position is very clear: We want a complete moratorium, not only on exploitation but also on exploration of shale gas." September 22, 2012



Pennsylvania Mine Reclamation Program Accepts National Award | PRNewswire | Rock Hill Herald Online

heraldonline



TidewaterCurrent 9.24.12 - Decade long project on abandoned mine site restores 320 acres of acidic mine spoil to habitat for PA's growing elk herd. The once barren Dents Run now supports healthy trout native to the region. September 25, 2012



The Waldorf Astoria Hotel in New York City is Home to 360.000 Bees That Produce Honey for Their Guests (Photos)

treehugger



TidewaterCurrent 9.20.12 - Six hive on the rooftop have produced 125 pounds of honey since April.
September 20, 2012



USDA Blog » Chimney Rock National Monument Joins Six Others Managed by the Forest Service

blogs.usda.gov



TidewaterCurrent "Chimney Rocky National Monument includes the area originally listed under the National Register of Historic Places, as well as more than 100 archaeological sites associated with the Ancestral Puebloans who lived in the area."
September 25, 2012

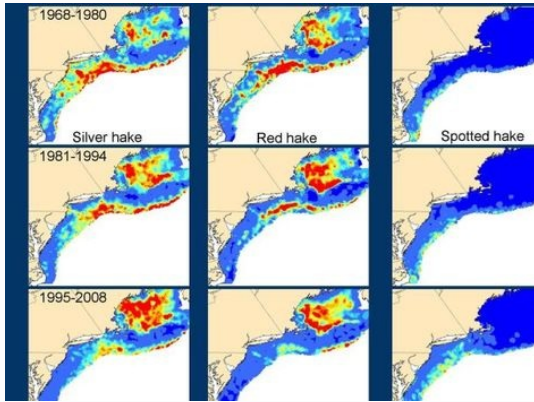


Pollinators Need Your Support

enewspf



TidewaterCurrent 9.18.12 - Public comment period closes Sept. 25 regarding a petition to the EPA requesting that the bee killing pesticide clothianidin be banned. Link included.
September 18, 2012



Hottest Ever Water Temperatures Off East Coast All the Way Down to the Bottom of the Ocean

motherjones



TidewaterCurrent 9.18.12 - Temps in the Chesapeake Bay were 11 and 9 degrees above historical averages, respectively at the sea surface and the bay bottom. As a result of the warming, fish stock distribution are shifting.

September 19, 2012



Airports' newest groundskeepers: farm animals | SmartPlanet

smartplanet



TidewaterCurrent 9.19.12 - The sheep keep airport landscapes clear of potential bird habitat without the use of polluting machinery. The animals are being tested at Atlanta's Hartsfield-Jackson Airport and have been used at Seattle and San Francisco airports also. Chicago O'Hare is considering the use of goats.

September 20, 2012



Save the Date! Virginia Marine Debris Summit

campaign.r20.constantcontact



TidewaterCurrent Help create a foundation for a Virginia Marine Debris Plan - February 27 & 28, 2013 Sponsored by the Virginia Coastal Zone Management Program - Virginia Aquarium and Marine Science Center Virginia, Beach Virginia Includes link to sign up.
September 19, 2012



2012 Striped Bass Pale Ale Release in Richmond, VA at Conch Republic on 9/12/12

thingstodo.timesdispatch



TidewaterCurrent "With funds from the purchase of this crisp American Pale Ale, Devils Backbone Brewing Company will help support conservation programs of the Chesapeake Bay Foundation and the need for clean water. This beer will be released after Labor Day to retailers. There is a QR code on the back of the bottle that leads the consumer to an informative page for the Chesapeake Bay Foundation."
September 20, 2012



Getting Bluefin Tuna Off the Hook

green.blogs.nytimes



TidewaterCurrent 9.18.12 - Scientists and fishermen explore alternatives to long line fishing for sword fish and yellowfin tuna to reduce the by catch of bluefin tuna.
September 18, 2012



American Carbon Registry Approves First Carbon Offset Methodology for Emission Reductions from Deltaic Wetland Restoration - The Sacramento Bee

sacbee



TidewaterCurrent 9.20.12 - Am I missing something here? At first glance, I like the plan as it will facilitate the restoration of wetlands. However, it seems like a robbing Peter to pay Paul scheme. While the folks in Louisiana benefit, which I appreciate, somewhere else carbon and potentially other greenhouse gas emission are being allowed to increase.

September 20, 2012



Seahorse inspires more searching in Lafayette River

hamptonroads



TidewaterCurrent Restoration efforts in the Lafayette River, a Chesapeake Bay tributary, in Norfolk, VA look to be successful. Among recent finds of surprising critters found generally in a healthy environment was a seahorse. September 18, 2012



HeraldNet.com - Old farm in Arlington has new job: cleaning stormwater

heraldnet



TidewaterCurrent 9.15.12 - Washington state community creates a public park/wetland area for recreation and to filter storm water before it enters the Stillaguamish River.

September 18, 2012



2012 Striped Bass Pale Ale Release in Richmond, VA at Conch Republic on 9/12/12

[thingstodo.timesdispatch](#)



TidewaterCurrent With funds from the purchase of this crisp American Pale Ale, Devils Backbone Brewing Company will help support conservation programs of the Chesapeake Bay Foundation and the need for clean water. This beer will be released after Labor Day to retailers. There is a QR code on the back of the bottle that leads the consumer to an informative page for the Chesapeake Bay Foundation.

September 18, 2012



Bay Daily: With Farm Bill in Limbo, Bay Cleanup Funds Are at Risk

[cbf.typepad](#)



TidewaterCurrent 9.14.12 - "Agriculture is the largest single source of nutrient pollution to the Chesapeake, and the Farm Bill has historically been the largest funding source to help farmers install stream buffers, build manure storage facilities, plant cover crops and take other actions that help keep nitrogen, phosphorus and sediment from reaching waterways." Last Wednesday farmer protested at the Capitol protesting the inability of Congress to renew the Farm Bill.

September 18, 2012



Killer whales live on after menopause to protect sons

[bbc.co.uk](#)



TidewaterCurrent
September 14, 2012

The media's job is to
interest the public in
the public interest.

- John Dewey



◆ Mini Grants ◆ a Big Win for Chesapeake Bay Environmental Education

publicnewsservice



TidewaterCurrent 9.17.12 - \$500,000
is available in \$5,000 increments for
bay education programs from the
Chesapeake Bay Trust.
September 17, 2012



Stranded turtle released into wild

delmarvanow



TidewaterCurrent 9.12.12- 123
pound Loggerhead was found
entangled in a crab pot July 5. "Last
week, Trouble was released at Cape
Charles beach after nine weeks of
rehabilitation at the Aquarium's
Marine Animal Care Center in Virginia
Beach, Va."
September 13, 2012



Oysters for Life Campaign - \$175 Introductory Offer Ends Soon

oystersforlife



TidewaterCurrent Help the Bay and
receive 2 dozen Virginia oysters a year
for the rest of your life. When you buy
a cage, which holds 2000 oysters, up
to 100,000 gallons of nutrients are
filtered from the water daily.
September 13, 2012



To the bat cave! US conservationists hope bunker can halt deadly fungus

guardian.co.uk



TidewaterCurrent 9.14.12 - The Nature Conservancy is building a first of its kind artificial cave in Tennessee with the hope that it will stem the toll taken by the destructive white nose fungus on the bat population. Bats are afflicted with the illness that has wiped out 90% of some populations when they hibernate. The artificial structure can accommodate some 200,000 bats and be cleaned yearly to remove the deadly fungus.
September 16, 2012



Living shorelines: Virginia landowners learning the value of manmade marshes and beaches

articles.dailypress



TidewaterCurrent The concept has been used for years to stabilize shorelines and maintain wetlands. At the site described coir logs made of coconut fiber will be installed to form a stabilizing perimeter in the river. "The space between the logs and the shore will be filled with sand and graded to provide the elevation needed for native plants to thrive. When the logs biodegrade in a few years, mature plants will hold the new shoreline in place."
September 14, 2012

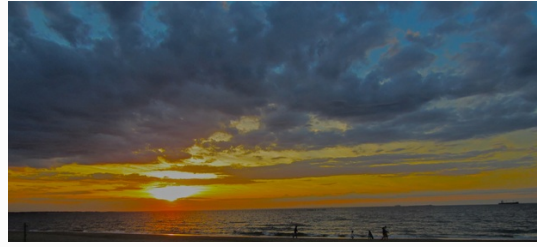


Dirty Air Villains identified by NRDC analysis

whovotesdirty



TidewaterCurrent 9.12.12 - "With millions of polluters' dollars in their campaign chests, these members voted against protecting clean air standards 100% of the time. " Included on the Virginia Villain list are Scott Riggell and Randy Forbes. Follow the link to check your representatives' records. September 13, 2012



EPA withholds aid until Va. improves Chesapeake Bay

hamptonroads.com.nyud



TidewaterCurrent "A Virginia attorney for the Chesapeake Bay Foundation, an environmental group, described the EPA's move as "good and appropriate," adding that the state had been warned for two years about federal consequences for foot-dragging." September 11, 2012



Landfill Turned Urban Oasis Wetland Now Home to Fish and Birds

habitat.noaa.gov



TidewaterCurrent In the Jersey City restoration project, 42 acres of wetlands were created. The area once barren of wildlife now supports bird and fish populations. September 10, 2012



Injured bald eagle gets new 3-D printed beak

grist



TidewaterCurrent 9.10.12 - "Beauty's new beak isn't secure enough for her to return to the wild, ...But she's a lot more self-sufficient than she was — and her case may help pave the way for making better prosthetics for wildlife in the future."

September 11, 2012



Study targets James River algae that can be harmful

www2.newsadvance



TidewaterCurrent 9.10.12 - "To better understand why the James is such an algae factory, and to get ideas on how to solve the problem, the state is putting up about \$3 million for Bukaveckas and other scientists to conduct a three-year study. The research began this summer."

September 10, 2012



Destroyed coastal habitats produce significant greenhouse gas

phys



TidewaterCurrent "Destruction of coastal habitats may release as much as 1 billion tons of carbon emissions into the atmosphere each year, 10 times higher than previously reported, according to a new Duke led study."

September 11, 2012



Suffolk council OKs resolution against uranium mining

hamptonroads



TidewaterCurrent 9.6.12 - Suffolk joins Norfolk and Virginia Beach in opposition to a Pittsylvania uranium mining operation that threatens the water supply to the region.

September 10, 2012



Judge: Navy can train near rare Atlantic whales

huffingtonpost



TidewaterCurrent 9.10.12 - Savannah, GA- "The Southern Environmental Law Center, which sued on behalf of a dozen conservation groups, argued construction of the training site and the war games themselves would put right whales at risk of collisions with ships, entanglement in cables from parachutes attached to Navy buoys and potential harm from sonar." The Navy has since agreed to suspend construction at the site from November to April, when right whales migrate to the warm southern Atlantic waters to give birth.
September 12, 2012



Plants: Even Better Than You Thought «

earthtechling



TidewaterCurrent Research from Karlsruhe Institute of Technology indicates that "living walls, strategically placed in urban canyons, can improve the local air quality by as much as 30 percent."
September 7, 2012



Opposition Mounts as First Tar Sands Mine in US Gets a Green Light | The Independent

independent



TidewaterCurrent 9..12 - Environmental groups plan to fight Utah tar sand mining.
September 10, 2012



New Zealand Grants a River the Rights of Personhood

treehugger



TidewaterCurrent 9.7.12 - If a corporation can be considered a person, why not a river. Under a settlement with the government, the Whanganui was granted legal personhood. This is the first such case, but probably not the last.
September 7, 2012



Rodale Institute cares for honeybees in redesigned Thomas hybrid hives

lehighvalleylive



TidewaterCurrent 9.9.12 - In the 1970s there were 8 million beekeepers, now there are only 2 million. The Rodale Institute is encouraging backyard beekeeping (as bee pollination is needed for some 70% of our food supply), and has developed a hive that is more like what bees would create in nature and also allows honey collection. They also offer beekeeping education.
September 9, 2012



Va. sites added to refuge plan list

www2.timesdispatch



TidewaterCurrent 9.9.12 - The National Fish and Wildlife Service will be updating their comprehensive plans for the James River Refuge and Plum Tree Island Refuge in Poquoson. Comments sought - links included.
September 10, 2012



78,000 Giant African Land Snails Captured In Pricy Miami-Dade County Campaign (PHOTOS)

huffingtonpost



TidewaterCurrent 9.5.12 - Eradication of the invasive snail has already cost \$2.6 million.
September 7, 2012



New license plate will benefit marine animals

wdel



TidewaterCurrent 9..5.12 - \$35 of the \$50 fee will go to the Marine Education, Research and Rehabilitation Institute.
September 7, 2012

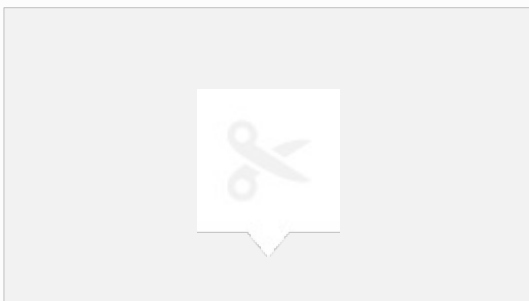


Genetically Modified Neon 'GloFish' Could Threaten Natural Species: Report

abcnews.go



TidewaterCurrent 9.4.12 - The Washington Post recently reported on concerns regarding the GE Electric Green Tetra and the website "GlowingSushi.com" promotes the consumption of the modified fish to prevent the possibility of their introduction to the natural environment.
September 6, 2012



Bay committee accepting applications

delmarvanow



TidewaterCurrent 9.5.12 - "This year \$371,841 grant monies will be awarded to eligible applicants who submit proposals emphasizing environmental education or restoration and conservation of the Chesapeake Bay. The deadline for submitting a grant proposal for 2013 is Oct. 1."
September 5, 2012



Leaked document shows EPA allowed bee-toxic pesticide despite own scientists' red flags

grist



TidewaterCurrent "Clothianidin has been widely used on corn, the largest U.S. crop, since 2003. Suppliers sell seeds pre-treated with it. Like other members of the neonicotinoid family of pesticides, clothianidin gets "taken up by a plant's vascular system and expressed through pollen and nectar," September 5, 2012



Falcon takes flight after 2nd Virginia Beach rescue

hamptonroads.com.nyud



TidewaterCurrent 9.4.12 - Treated over the winter at the Wildlife Center of Virginia for a fractured wing, the bird was released and rescued again, this time on the balcony of an Oceanfront high rise. The bird likely aggravated the fracture, recovered quickly and was just released at First Landing State Park. September 5, 2012



Brazilian Humpback Whale Population Triples Over Ten Years

redorbit



TidewaterCurrent
September 5, 2012



Oyster-tecture: Scape Studio Plans to Build a Park Filled with Millions of Oysters to Clean the Gowanus Canal

inhabitat



TidewaterCurrent 9.4.12 - At the mouth of the Gowanus Canal, a reef project full of pollution cleansing oysters is under development.
September 4, 2012



2,348 acres will remain undeveloped in IOW | The Tidewater News

tidewaternews



TidewaterCurrent 9.4.12 - Isle of Wight, VA- Conservation easement will create the 500 acre Blackwater Sandhills Natural Area Preserve and put the remaining acreage under the control of the Virginia Department of Forestry.
September 4, 2012



EPA questioned on pesticides and bees

westernfarmpress



TidewaterCurrent 9.4.12 - In response to EPA's inaction on evidence regarding the negative impact of the pesticide clothianidin on honey bees, Rep. Markey of Mass. is requesting an explanation of the agency's stance.
September 5, 2012



Living Shoreline Program Restores Chesapeake Bay Shorelines In Maryland & Virginia

eyeonannapolis



TidewaterCurrent 9.2.12 - The Chesapeake Bay Trust, NOAA and the Maryland Department of Natural Resources announce \$800,000 of funds for shoreline restoration projects, which improve water quality and provide habitat. Most of the money is going towards projects in Maryland, a few projects are being funded in Norfolk.
September 2, 2012



After a Town Is Buried, Controversy Still Rages

baconsrebellion



TidewaterCurrent 9.4.12 - A good review of uranium mining in Colorado and Virginia, as communities contemplate the economic benefits and environmental consequences associated therewith. Pictured is the sealed off site of a former CO mine, that underwent Superfund cleanup at a cost \$120 million.
September 5, 2012



New Caledonia to Safeguard Vast Pacific Ocean Area

ens-newswire



TidewaterCurrent 8.29.12 - The protected area will cover 540,543 sq. miles and includes 3 of the most extensive and thriving reef systems in the world.
August 30, 2012



Floating wetland moored ready for big launch

rotorudailypost.co.nz



TidewaterCurrent World's largest floating wetland sewn with 20,000 native plants will remove 4 tons of nitrogen and 1000 kg of phosphorus annually from Lake Rotorua in New Zealand.
September 2, 2012



THE BATTLE OVER A NORTH CAROLINA BEACH CONTINUES - Audubon Magazine

audubonmagazine



TidewaterCurrent 8.28.12 - Lawsuit filed by the Southern Environmental Law Center on behalf of Audubon and Defenders of Wildlife, prompts the Park Service to limit motorized beach access, but it does not appear the battle is over.
August 29, 2012



Sinclair Oil to Pay \$14 Million for Wyoming Air Pollution

ens-newswire



TidewaterCurrent 8.27.12 - In a settlement with the EPA, for releasing excessive amounts of particulate matter, and nitrogen and sulfur oxides, Sinclair will pay fines totaling \$3.84 million and over \$10 million on pollution control equipment.
August 30, 2012



American Meteorological Society Finally Takes a Stance On Climate Change

inhabitat



TidewaterCurrent From the AMS: "There is unequivocal evidence that Earth's lower atmosphere, ocean, and land surface are warming; sea level is rising; and snow cover, mountain glaciers, and Arctic sea ice are shrinking. The dominant cause of the warming since the 1950s is human activities."
August 30, 2012



Coastal Journal: The shorebird invasion is on

hamptonroads



TidewaterCurrent 8.27.12 -Tidewater, Virginia.
August 27, 2012



Methane Making An Appearance In Pa. Water Supplies : NPR

npr



TidewaterCurrent 8.28.12 - Here's another story that highlights the need to pursue a renewable energy path: Despite claims by the drilling industry that fracking doesn't cause water contamination, several Pennsylvania families are feeling the impact of methane that has seeped into their wells and in some cases came bubbling up through the soil. The Pennsylvania Department of Environmental Protection puts the blame on a Chesapeake Energy natural gas well closeby (and the company paid a hefty fine). But instead of the hydraulic fracturing process having caused this problem, faulty equipment (which the company claims is highly unusual) caused the leak (not the fracking process itself). The company is paying water filtration devices for the affected residents.

August 30, 2012



New bike trails proposed along West Virginia national river

examiner



TidewaterCurrent 8.25.12 - Parkersburg High school and middle school brothers work on restoring and building hiking and biking trails along the New River Gorge. The Outdoor Channel made a documentary about their efforts.

August 26, 2012



Changing Cities: A Wind Turbine That Creates Fresh Water Out of Thin Air

abcnews.go



TidewaterCurrent 8.26.12 - Eole Water created a wind turbine that pulls moisture from the air, collects it and treats it, producing a fresh sustainable water supply.

August 27, 2012



Volunteers kick off Fall Stewardship Virginia Campaign

vagazette



TidewaterCurrent “Events will be held throughout Virginia with many opportunities for volunteerism in our parks and natural areas during Stewardship Virginia,” said David Johnson, director of the Virginia Department of Conservation and Recreation. Visit www.dcr.virginia.gov/stewardship for more information about volunteer projects and a registration form. August 25, 2012



Argentines plan to shoot gulls to save the whales

chron



TidewaterCurrent 8.28.12- Another odd problem caused inadvertently by humans. There is so much garbage in the dump near Puerto Piramides, Argentina that there is now an overabundance of seagulls in the region. The gulls are threatening the whale watching tourism industry, not to mention the whales and especially the calves, in the area as they have learned to peck and create open wounds on the whales as they come up for air. August 28, 2012



More than \$9 million in funding will restore habitats, reduce runoff across Chesapeake watershed - Chesapeake Bay Program

chesapeakebay



TidewaterCurrent 8.28.12 - 41 programs in the Bay Drainage system are receive funding to restore habitat and pollution in the Bay by reducing runoff. "In all, this year's projects will engage 9,000 volunteers; restore 176 miles of streamside forests and 158 acres of wetlands; and establish 170,000 square feet of green roofs and rain gardens"
August 28, 2012



New wetlands to remove thousands of pounds of would-be river pollution

www2.wnct



TidewaterCurrent 8.22.12 - New Bern, N.C. - A 50 acre wetland will be constructed to ease flooding issues and remove pollutants in the Neuse and Trent Rivers.
August 25, 2012



73 Kemp's ridley sea turtles make tracks in Va. Beach

hamptonroads



TidewaterCurrent 8.25.12 - Normally nesting along the Gulf of Mexico, one of the rare turtles nested along on Navy property at Dam Neck. All of the 73 hatchlings made it into the Ocean.
August 25, 2012



New role for drones - wildlife, eco conservation

wavy



TidewaterCurrent 8.20.12 -

Developed for the "War on terror," drones are being used to for eco system and wildlife management. The Drone ecologists are keeping eyes on whalers, orangutans, rhinos, forest and aquatic plants. Some of the drones are homemade modified model planes built for about \$2,000.
August 25, 2012



Wind Wildlife Mapping Tool Now Includes Critical Habitat for Endangered Species in U.S.

treehugger



TidewaterCurrent 8.24.12 - GIS

Overlays of 225 endangered species included in the Wind Wildlife assessment tool developed by the Nature Conservancy and the American Wind Wildlife Institute. The tool will help companies comply with US Fish and Wildlife siting guidelines. Links to the guidelines and the mapping tool included.
August 25, 2012



Bird uses hurricane winds to accelerate flight speed to 100 MPH

news.mongabay



TidewaterCurrent 8.24.12 - The American Bird Conservancy is tracking the amazing migration of Whimbrels from Canada to the Caribbean. The birds survive amazing conditions, sadly some of them arrive at their destination and are shot by hunters. The conservancy is trying to stop the unregulated hunting.
August 25, 2012

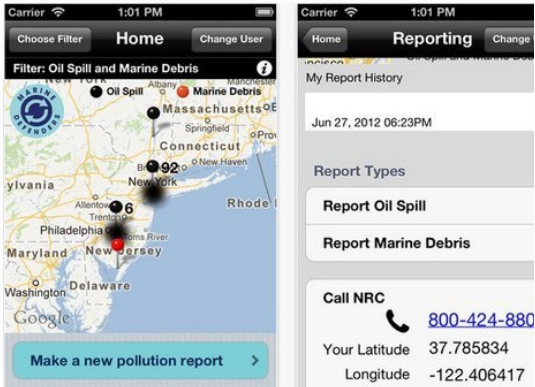


Seaweed may be grown commercially in Connecticut waters west of New Haven

middletownpress



TidewaterCurrent 8.23.12 - "On Tuesday afternoon, a team drawn from UConn's business school, engineering department, and Stamford seaweed research lab heralded the potential benefits of commercial seaweed farming to absorb nutrients primarily nitrogen, in Long Island Sound and provide ecologically friendly fertilizers, biofuel and foods."
August 25, 2012



Marine Defenders App Helps Fight Ocean Pollution

treehugger



TidewaterCurrent 8.21.12 - Free app developed by the National Fish and Wildlife Foundation offers a way to report any signs of marine pollution (oil spill or debris).
August 22, 2012



Floating platforms support species that improve water, look good

onlineathens



TidewaterCurrent 8.18.12 - Several of the floating wetlands, which filter pollutants and provide habitat, have been anchored around the Tidewater area including the Virginia Zoo, William and Mary, in the Elizabeth River and under the Coleman Bridge at VIMS. The mats pictured are at VIMS and are comprised of salt tolerant plants.
August 23, 2012



TVA Liable for Massive Tenn. Coal Ash Spill

ecowatch



TidewaterCurrent 8.23.12 - Federal District judge rules that TVA is liable for damages caused by 2008 coal ash spill into the Emory River - the largest ever such spill. The case is significant because there are many more coal ash ponds at power plants.
August 24, 2012



A win for clean water in South Carolina coal ash storage lawsuit

southernstudies



TidewaterCurrent 8.21.12 - Catawba Riverkeepers and Southern Environmental Law Center prevail in lawsuit against South Carolina Electric & Gas over toxic coal ash storage. SCE&G must now remove all the coal ash from unlined impoundments adjacent to the Wateree River.
August 23, 2012



University of Maryland develops plant-based fish food, helping to reduce aquaculture concerns

articles.baltimoresun



TidewaterCurrent 8.19.12 - To reduce the environmental impact created by demand for forage fish to provide meal for the aquaculture industry, scientists looked at a plant based feed developed for fresh water species and adapted it for salt water species. The key was the inclusion of the amino acid taurine, which fish need but cannot produce for themselves. Cobia, striped bass and sea bream are thriving on the new diet in closed recirculating tanks
August 22, 2012



With Funding Tight, Cities are Turning to Green Infrastructure

e360.yale.edu



TidewaterCurrent 8.23.12 - Numerous examples of green infrastructure projects are highlighted. Diverting stormwater through bioswales, permeable pavement, green roofs, rain barrels and more are often less costly and more efficient in protecting our waterways from polluted runoff. In Sweden, sewage sludge is being treated by nature and pumped onto fields of willows which filter pollutants. When harvested, the willows are chipped and used to generate electricity.
August 23, 2012



Humpback whale rescued outside Chatham Harbor

myfoxboston



TidewaterCurrent 8.19.12 - Tuna boat spots and reports a young whale entangled. Turns out, this same whale was rescued earlier this summer.
August 20, 2012



Can The Oil Sands Make You Sick? Doctors Call For Study

huffingtonpost.ca



TidewaterCurrent 8.15.12 - Canada's Medical Association is calling for more research on the impact of tar sand extraction on human health.
August 19, 2012



Eat them before they eat everything

eatocracy.cnn



TidewaterCurrent Agrowing number of conservations and foodies, including Andrew Zimmerman, promote eating invasive species as food. Considering the high expense of meat, Zimmerman supports collecting invasive species and using that meat to feed people living below the poverty line.
August 19, 2012



Solar-Powered Still Turns Salty Ocean Water Fresh «

earthtechling



TidewaterCurrent 8.17.12 - Access to fresh water is a big problem now in much of the world, and with population growth it will only get bigger. This solar still that can be produced locally looks like a promising technology to supply a much needed resource.
August 19, 2012



Man Single-Handedly Saves Whale Trapped in Net

treehugger



TidewaterCurrent 8.22.12 - Boater off Queensland, Australia alerts authorities to a humpback whale caught in a shark net, but given the dire situation of the creature, the 67 year old swims to and frees the humpback before authorities arrive.
August 22, 2012



Climate change driving Australian fish south

mnn



TidewaterCurrent 8.17.12 - Scientists have found 'striking evidence' of extensive southward migration of tropical fish and declines in other species due to climate change.
August 18, 2012



New oil spill dispersant made from ingredients in peanut butter, chocolate, ice cream

sciencedaily



TidewaterCurrent 8.20.12 - It's unfortunate that there's a demand for this technology, but the edible and benign makeup of the dispersant described in this article would minimize the environmental impact in an oil spill. The dispersant prevents the accumulation of oil in feathers and is made of readily available ingredients.
August 20, 2012



Liquid Robotics Wave Glider And Shark Net App To Help Track Pacific Great White Sharks

redorbit



TidewaterCurrent 8..18.12 - 7 ft. long wave powered gliding robotic device deployed in Pacific Ocean relays positions of tagged sharks in its vicinity. Alive feed of information is available to iphone users.
August 18, 2012



Monarch Butterfly Population Gets A Reprieve From Illegal Logging

redorbit



TidewaterCurrent 8.17.12 - Mexican government created a reserve over 10 years ago and has supported eco-tourism endeavors in the area. Finally, there efforts are paying off and for the first time in years, no detectable logging is occurring in the preserve.
August 18, 2012



52-Hertz song of world's lonliest whale | Earth | EarthSky

earthsky



TidewaterCurrent 8.16.12 - Since 1989 scientist have been listening to a filter feeding whale that sings at an unusual frequency - 52 hertz, unknown to any whale species. Because of the different frequency, it cannot communicate with other whales. Either the whale is the only one of its species or is vocally impaired.

August 18, 2012



Critically endangered bowhead whales sing like birds | Earth | EarthSky

earthsky



TidewaterCurrent 8.17.12 - Weighing 200,000 pounds and possibly living 200 years, the behemoths were accidentally found to spend much of their time singing. With few sightings, researchers at University of Washington were looking to determine if the whales passed through a strait between Norway and Greenland and attached microphones to the sea floor. Audio included.

August 18, 2012



Claire Kremen: Wild bees and the future of food | Feeding the Future | EarthSky

earthsky



TidewaterCurrent Surprising, this research is sponsored by Dow chemicals: Bee researcher reports that native bees could provide all the crop pollination needed, without the necessity of importing european honey bees to do the job, if we just change the way we farm. The farms would need to include a variety of crops, hedgerows, flowers, pastures, meadows and woodlands. Sounds like a reasonable plan - I hope Dow will support this transformation. It's hard to imagine that big Ag will.

August 18, 2012



Provincetown rescue team frees two entangled leatherback turtles

wickedlocal



TidewaterCurrent 8.17.12 - Recreational boaters found the turtles and alerted authorities.

August 17, 2012



Leatherback sea turtle in line for honor

sfgate



TidewaterCurrent The California senate voted to designate the Leatherback as the official state reptile. It is the largest turtle in the sea and the global population has dropped 95% since the 1980s.

August 17, 2012

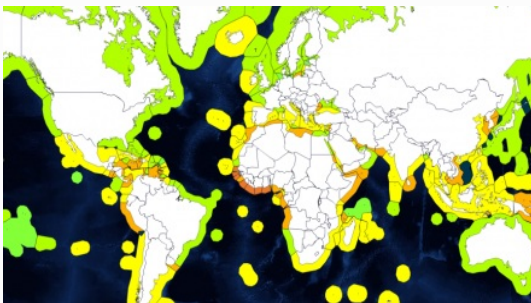


Eagle nests could be relocated | WAVY.com | Norfolk, Va.

wavy



TidewaterCurrent 8.14.12 - Several strikes in the region over the last several years have officials concerned. No word on how they plan to disperse the birds from the airport/botanical garden area. August 17, 2012



The Ocean Health Index will let us measure how horrible we are over time

grist



TidewaterCurrent 8.16.12 - The OHI is being developed by National Geographic, the New England Aquarium and Conservation International to create a measurement index on the health of the oceans. A baseline standard was created for planned follow up and monitoring. Includes explanatory video narrated by Harrison Ford. August 17, 2012



E.U. policy helps air quality in harbors

ecoseed



TidewaterCurrent 8.17.12 - Measurements of air pollutants before and after the adoption of the policy by scientists from the Universities of Genoa and Florence show that where the fuel sulfur content policy was enforced, sulfur content in the air decreased 66 percent. See more in Eco Transport collection. August 17, 2012



Uranium mine study outlined

vannews



TidewaterCurrent 8.15.12 - Virginia Beach study on the proposed Pittsylvania mine finds that any release of radioactive material would put the City's water supply in jeopardy. Although such releases are uncommon, they are not unprecedented and the Pittsylvanis site is susceptible to extreme weather conditions. August 16, 2012



Babylon Village to Install More Stormwater Pipe Filters

babylonvillage.patch



TidewaterCurrent 8.16.12 - Abtech stormwater filtration systems were installed in Suffolk County, NY and effectively removed pollutants, including fecal coliform, from stormwater. Plans to install more at \$5,000- \$6,000 per unit will effectively keep 8,000 pounds of contaminants from entering the Great South Bay annually. The City of Long Beach, CA also installed the filtration systems. Abtech reports that "Over a three-year period, it was estimated that AbTech's Ultra Urban Filters removed over 90,000 pounds of total contaminants (trash, debris, sediment, oil, grease, organics, and heavy metals)."

August 17, 2012

 J.P. Morgan, you there

One hundred years ago you believed in Tesla
and backed him financially.
Honor his legacy and help him out again!

 General Electric:

Thomas Edison founded GE and covered Tesla

Charity looking to renovate Tesla laboratory into a Tesla museum. - The Oatmeal

theoatmeal



TidewaterCurrent Matching funds provided by NY state to buy Nikola Tesla's old laboratory - Donations needed to purchase the Shoreham NY property and renovate it.

August 17, 2012



Study Off Mass. Coast Finds Noise Harming Whales | Science and Space | TIME.com

science.time



TidewaterCurrent 8.16.12 - The results of the study conducted by NOAA and Cornell University researchers were released yesterday.

August 16, 2012



Program Turns to Nature to Manage Pollution, Stormwater Runoff

waterworld



TidewaterCurrent 8.16.12 - Syracuse is building green infrastructure, like the parking lot island made from permeable pavers and lined with trees, that will capture and absorb storm water so it will not carry pollutants to impaired Lake Onondaga.

August 16, 2012



UN Chief Seeks to Strengthen Law of the Sea Treaty

ens-newswire



TidewaterCurrent 8.15.12 - The well over 20 year old Treaty, with 162 signatories includes the European Union and 161 nations, but not the United States. With the opportunity to participate in international law and dispute settlement, the treaty is supported by the US Navy and oil and gas industry. The President supports our participation, but signing requires congressional approval. By not participating we are putting ourselves in disadvantageous position.

August 15, 2012

Pleasure House Point

Open House for Information on Chesapeake Bay Foundation Plans

Thursday, August 23, 2012

6:00 p.m.-7:30 p.m.

Bayside Recreation Center
4500 First Court Road, Virginia Beach

We invite you to an open house to review plans for an

Pleasure House Point Preservation - capehenryshores

capehenryshores



TidewaterCurrent
August 14, 2012



Adidas Unveils First Collection of Waterless Dyed T-Shirts

sustainablog



TidewaterCurrent Perhaps not totally sustainable, but the process is certainly a great improvement over dying processes that consume and pollute great quantities of water. Without genetic alteration, it is possible to grow colored cotton (some years ago several colors were being grown and maybe still are).
August 17, 2012



Drop Empty Oyster Shells at Starbucks

severnapark.patch



TidewaterCurrent 8.6.12 - To rebuild oyster reefs, Chesapeake Bay Foundation partners with restaurants and groups to collect oyster shells. Starbucks in Maryland's support of the endeavor is noteworthy.
August 13, 2012



Mutant butterflies found emerging from Fukushima radiation

mnn



TidewaterCurrent 8.14.12 - "Researchers have discovered that the butterflies' mutations are multiplying at an alarming rate through successive generations."
August 14, 2012



Consider Your Oysters: East Coast Edition

[huffingtonpost](#)



TidewaterCurrent Chincoteague Bay oysters ranked 3rd in taste test. Includes a slide show of the best oysters and a great video by American University, the Chesapeake Bay Foundation and more on sustainable oyster aquaculture operations in the Chesapeake Bay.
August 13, 2012



Bees dying from agricultural chemical: EPA won't act

[examiner](#)



TidewaterCurrent 8.11.12 - 1 in 3 bites of food was produced with the help of a bee. A chemical found to be detrimental to bees has been banned in other countries, but EPA has chosen not to act. Although, they are NOW accepting public comments. Link included.
August 13, 2012

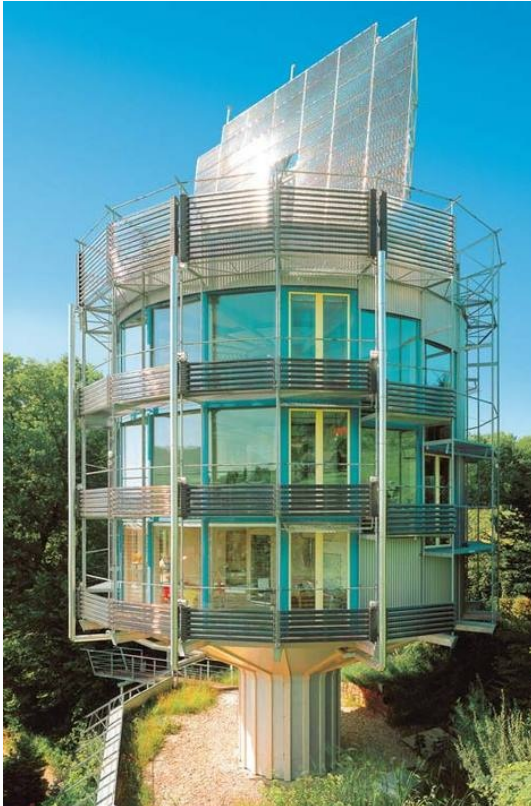


Migrating geese avoid wind farms

[bbc.co.uk](#)



TidewaterCurrent 8.10.12 - After monitoring Pink-footed geese for several years, UK researchers find that they are avoiding offshore wind farms in their travel route.
August 11, 2012



Sustainable Communities for Yesterday, Today and Tomorrow

designbuildsource.com.au



TidewaterCurrent 8.9.12 - Freiburg, Germany known as one of the greenest cities in Europe is a model for sustainable development. In addition to infrastructure and building technologies that save energy, residents rely on wind and solar that is often integrated into building design for much of their energy. More clips on green building can be found in the sustainable design - green building collection.

August 11, 2012



Lobster: Now Available in Multiple Colors

science.time



TidewaterCurrent Lobster is so prolific this year in the North that one author sites it as cheaper than deli meat.

August 11, 2012



Rare 2-headed turtle discovered

standard



TidewaterCurrent 8.9.12 - Jupiter Island, Florida ecologist found the hatchling. It has been released, but the chance of survival is not good. Only 1 in 5,000 hatchlings make it to adulthood.

August 10, 2012



Drink it in: Local residents score big wins for clean water

grist



TidewaterCurrent 8.11.12 - Activism does work. Author highlights several recent success stories in West Virginia, Pennsylvania and Illinois where coal mining related sites are either closing or new applications are being denied.
August 11, 2012



Crews to scoop tons of muck from Portsmouth bay

hamptonroads



TidewaterCurrent 8.11.12 - The polluted river bottom removed will be replaced with clean sand and oyster reefs that will provide habitat and support wildlife. The clean up is one of several in the Elizabeth River and is being paid for by the company that now owns the gas manufacturing plant responsible for the pollution.
August 11, 2012



China buries 40,000 tons of carbon emissions underground

ecoseed



TidewaterCurrent 8.10.12 - Demonstration carbon capture and storage project in underground saline aquifers is touted by the World Resources Institute as an option, if safely deployed, to reduce greenhouse gases and climate change and that it could be used as a bridge to a sustainable future.
August 10, 2012



High numbers of sea turtles nest in Virginia, N.C.

hamptonroads



TidewaterCurrent
August 8, 2012



Alamy

WATCH: Crazy Way Sperm Whales Snooze

[huffingtonpost](#)



TidewaterCurrent 8.9.12 - Video of a pod of sleeping sperm whales.
August 9, 2012



ADOT grants promote biking, walking to school

[azcentral](#)



TidewaterCurrent 8.5.12 - This Arizona program should be expanded nationally. The grants are provided to support infrastructure so that kids can ride and walk safely to school. There are obvious health and environmental benefits as well as economic benefits. Think of how much money school districts can save in avoided bus fuel costs.

August 9, 2012



Humpback whale and calf are injured after colliding with ferry in Sydney Harbour

[dailymail.co.uk](#)



TidewaterCurrent 8.6.12 - The pair are continuing north despite large gashes.
August 7, 2012



Virginia teens learn, have fun in park program | Local News

nvdaily



TidewaterCurrent 8.8.12 - Great program. Youth conservation corps benefits both the kids involved and the park.

August 9, 2012



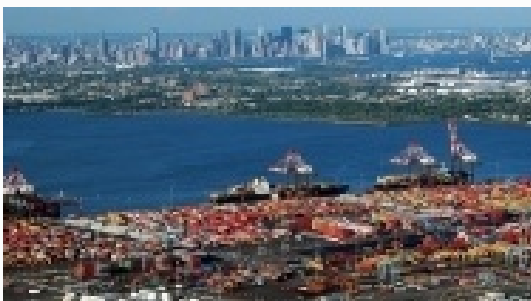
DC Offers Rebates on Green Roof Installation

georgetown.patch



TidewaterCurrent 8.6.12 - To reduce storm runoff and pollution in Chesapeake Bay tributaries, DC is offering \$5 per sq. ft. rebate for green "living" roof renovations.

August 9, 2012



Port of New York and New Jersey to reward 'greener' vessels

porttechnology



TidewaterCurrent 8.2.12 - As reported in LA, Clean Air Strategies work and improve air quality. More on sustainable shipping in Eco Transport collection.

August 5, 2012



Stunning image of whale breaching off SD

utsandiego



TidewaterCurrent 8.6.12 - 18 year veteran nature photographer has been never had a year with more opportunities to capture whale activity in the Pacific.
August 7, 2012



How to Catch Northern Snakeheads and Why You Should Kill this Invasive Species

outdoorlife



TidewaterCurrent 8.3.12 - Maryland Department of Natural Resources is encouraging anglers to seek out Snakeheads. Send in a photo of the dead invasive fish and you can win a \$200 gift cards to Bass Pro Shops, a State Fishing License or discounted use of state park facilities.
August 6, 2012

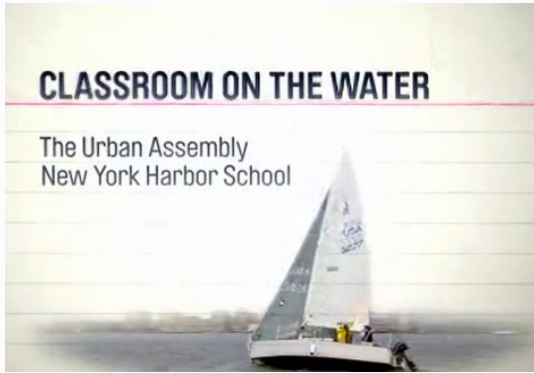


Port of Los Angeles seeing benefits of pollution-reduction strategies

porttechnology



TidewaterCurrent 8.3.12 - "Harmful emissions down 76 percent since introduction of Clean Air Action Plan in 2005"
August 5, 2012



Innovative School Restores Education and the New York Harbor 0A+A-

ecowatch



TidewaterCurrent 8.6.12 - Great read about a passionate educational entrepreneur creating a high school program that teaches environmental stewardship and restoration. The school has set an ambitious goal to restore the oyster free Hudson into a thriving estuary with one billion oysters in the next 20 years.

August 7, 2012



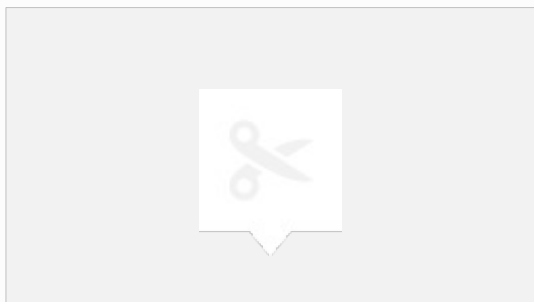
Long Beach entrepreneur has fresh idea for shellfish farm

latimes



TidewaterCurrent 8.6.12 - California regulators are considering a proposed underwater aquafarm far offshore in federal waters. It would be the first ever such farm and the US Army Corps of Engineers has already approved a pilot 100 acre park. This will be interesting to watch as there are certainly some merits to such a facility but also a number of potential concerns.

August 7, 2012



Navy sells parcel to Va. Beach for marine animal center

hamptonroads



TidewaterCurrent 8.3.12 - \$13 million center to be completed in 2018.

August 3, 2012



Thai navy releases 1,000 sea turtles | todaysthv.com

todaysthv



TidewaterCurrent 8.2.12 - Release of the Green and Hawksbill turtles is part of the Thai Navy's campaign to protect them from extinction.

August 3, 2012



Israel helps India clean up the Ganges river | Environment | DW.DE

dw.de



TidewaterCurrent 8.2.12 - Drip irrigation and constructed wetland bypass systems are a couple of the projects to be undertaken in this ambitious endeavor to clean up one of the world's most polluted rivers.
August 4, 2012



Thompson: Bald eagles soaring toward recovery in Virginia

www2.timesdispatch



TidewaterCurrent 8.5.12 - In the 1970s there were only 20 nesting pairs in Virginia and that number has now increased to 800. Territorial in nature, the birds are competing for space and the Virginia Wildlife center is now seeing more injuries consistent with a fight with another eagle. Juvenile release video included.
August 5, 2012



Purple Martins Flock to Va. for Annual Summer Stay

abcnews.go



TidewaterCurrent 8.3.12 - Flocks of these birds stop in a popular restaurant/nightlife section of downtown Richmond every year in preparation for their migration to South America.
August 3, 2012



Gray whale baby boom is noted in Alaska and California

mcclatchydc



TidewaterCurrent 8.3.12 - In Alaska, 57 calves were sighted this year, well beyond the previous record of 18.
August 3, 2012



Fort Monroe Master Plan

ideas.fmauthority



TidewaterCurrent View the plan and submit your comments.
July 31, 2012



American Eels Return to Mountain Streams After Dam Removal - USGS Newsroom

usgs.gov



TidewaterCurrent 7.31.12 - Virginia - Rappahannock River dam removal allows great increase in eel numbers in headwater streams 100 miles away.
August 2, 2012



Colorado activists took on uranium giant and won — for now at least

denverpost



TidewaterCurrent 7.31.12 - By banding together people still can make a difference and protect our land and water.
July 31, 2012



Rep. Markey to IRS: Tar Sands Spills Are Tax Free? 3A+A-

ecowatch



TidewaterCurrent 8.1.12 - Tar sand are not crude oil? So, industry is not required to pay into a fund for their clean up when spilled??? This IRS subsidy to the oil industry needs to be removed. Thanks Rep. Markey.
August 2, 2012



HUMBOLDT RESOURCE ADVISORY COMMITTEE

REQUEST FOR PROJECTS

The RAC is seeking applications to fund projects that improve the maintenance of existing infrastructure; implement stewardship objectives that enhance forest ecosystems; and restore and improve land health and water quality.

[CLICK FOR MORE INFO](#)

California Conservation Corps offers jobs to U.S. veterans

times-standard



TidewaterCurrent 8.2.12 - Vets will be hired to collect ecological data in coastal areas to monitor effectiveness of restoration of salmonid habitats.
August 2, 2012



Dead Zone Down: Thank You Drought For Something! : Discovery News

news.discovery



TidewaterCurrent 8.1.12 - With less nutrients entering the Gulf of Mexico, algae growth is reduced, and the area of oxygen deprivation is smaller.
August 1, 2012



Our Mobile Field Guide Apps

audubonguides



TidewaterCurrent \$2.99 Audubon field guide apps - birds, butterflies, insects, trees, fish and more.
July 31, 2012



Sea turtles nesting in big numbers on Ga. coast

news4jax



TidewaterCurrent 7.29.12 - Double the average number of sea turtle nests in Georgia this year.
July 30, 2012



Pollinator Partnership

pollinator



TidewaterCurrent Free app - The Bee Smart™ Pollinator Gardener is your comprehensive guide to selecting plants for pollinators specific to your area. Never get caught wondering what plants to buy again!
July 31, 2012

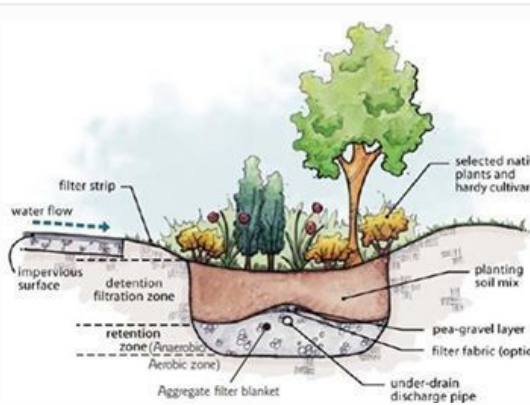


World's largest butterfly disappearing from Papua New Guinea rainforests

guardian.co.uk



TidewaterCurrent 7.30.12 - Loosening regulations devised to protect the species might be needed to save it. The ability to legally sell a controlled number of specimens would encourage species preservation.
July 30, 2012



Construction on Whitehall's first 'green street' to start July 23

mlive



TidewaterCurrent The first green streets projects in Michigan. Porous concrete and bioswales will keep pollutants from entering White Lake.
July 31, 2012



Leafsnap: An Electronic Field Guide

leafsnap



TidewaterCurrent Free iPhone app from Columbia University, University of Maryland and the Smithsonian provides leaf identification.
July 31, 2012



Fort Monroe planners pitch ideas

dailypress



TidewaterCurrent
July 29, 2012



Greenfield uses pervious concrete, garden to capture and purify water

triblive



TidewaterCurrent Pittsburgh
bioswale holds and purifies storm water.
July 30, 2012



Photo gallery | Counting dolphins at the Oceanfront

hamptonroads



TidewaterCurrent 7.29.12 - Virginia Beach. 301 were counted last year.
July 29, 2012



Whale led back into deep waters off South Amboy after nearly washing ashore

nj



TidewaterCurrent 7.29.12 - NJ - Marine mammal stranding team leads 20 ft. long Mink whale out of shallows.
July 30, 2012



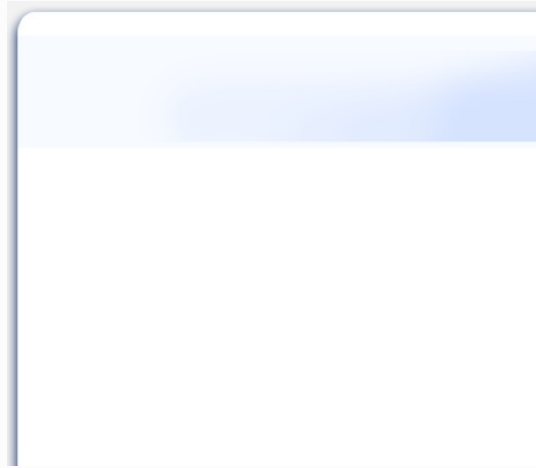
Pesticides Detected in Long Island Sound Lobsters for the First Time

enewspf



TidewaterCurrent 7.27.12 - Lobster harvests have been declining in Long Island Sound. Warmer waters could be contributing to their decline, but with this new evidence, it seems likely that pesticides are playing a role as well.

July 28, 2012



Bicycle repair, chemical-free house cleaning determines 'eco-friendliness'

ecoseed



TidewaterCurrent 7.27.12 - New ranking system for eco-friendly cities developed by internet marketplace Thumbtack lists San Francisco as number 1, Raleigh, NC -as number 4. When comparing the ratio of bike repair to auto repair shops, Virginia Beach was at the top of the list.

July 28, 2012



The great white whale returns

abc.net.au



TidewaterCurrent 7.26.12 - White humpbacks in N. Queensland, Australia.

July 27, 2012



Inseparable whales delight whale watchers off Newfoundland

cbc.ca



TidewaterCurrent 7.28.12 - July 28, 2012



Don't mine uranium in Virginia, member of study group warns - www.roanoke.com

roanoke



TidewaterCurrent 7.27.12 - Member of a research committee that looked at uranium mining in Virginia for the National Academy of Sciences, speaks out personally against the proposed project.
July 27, 2012



Researchers lower the alarm as more whales are snared

watoday.com.au



TidewaterCurrent 7.27.12 - Link to Warning Whales Away Video - A whale alarm is being tested on a mooring off Sydney, Australia to determine if it deters entanglements in shark nets.
July 27, 2012



Action plan to halt bee decline

bbc.co.uk



TidewaterCurrent 7.27.12 - Recognizing pollination is an economically important eco service, Wales will develop a plan to protect bees that will likely make development "pollinator" friendly.
July 27, 2012



Close encounters of the whale kind

[canada](http://canada.com)



TidewaterCurrent 7.26.12 - More on Canadian whale/human encounters (including a surfer's story).
July 26, 2012



Conscious Eating: Ocean Warming Sends Lobsters Northward Global warming threatens the world's supply of seafood - CSRwire Talkback

csrwire



TidewaterCurrent 7.27.12 - Southern lobster populations are declining while northern populations are on the rise. Lobster is plentiful in Maine and in Massachusetts and points south, harvests are lower and disease more prevalent. Author attributes this change to global warming and encourages personal action to limit GHG emissions.
July 27, 2012



Whale shark freeing caught on camera

wanderlust.co.uk



TidewaterCurrent 7.24.12 - Indonesia - Video shows Conservation International successful efforts to disentangle a whale shark.
July 24, 2012

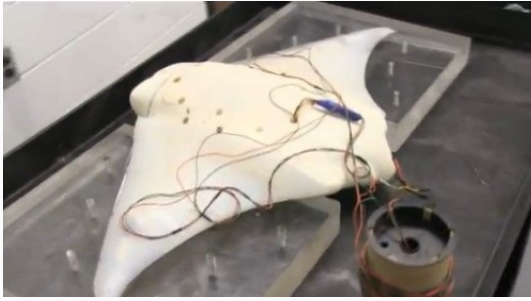


That grey whale bumping into your boat may be no fluke

vancouversun



TidewaterCurrent 7.25.12 - More human and whale encounters - this time off of the Canadian Coast
July 26, 2012



Robotic ray could end up flapping through an ocean near you

gizmag



TidewaterCurrent 7.25.12 - UVA
Mantabot is in development for undersea exploration or surveillance. Video included. While mimicking an actual Manta Ray I'm sure it moves well through the ocean, but I can't help but wonder if it might not be mistaken as a meal for a larger creature.
July 26, 2012



Pollinators: Virginia gardener and bee lover launches Protect Pollinator license plate

dailypress



TidewaterCurrent 7.26.12 - For the plate to become available, Pollinator Plates must meet Virginia's requirement of collecting 450 completed applications and plate fees by this November. Drivers interested in the Pollinator Plates can visit the official website at www.pollinatorplates.com. The plates cost \$10 annually. Once enough applications are collected, the plates will be introduced into the Virginia General Assembly.
July 26, 2012



Shark Attack Survivors Unite to Save Sharks

ecowatch



TidewaterCurrent 7.23.12 - Diverse International group on a somewhat surprising mission.
July 23, 2012



Taking the Ick Factor Out of Recycled Water

nytimes



TidewaterCurrent 7.25.12 - All water is used and reused. Where water resources are scarce, waste water reclamation for potable uses is becoming acceptable. One such reclamation plant will begin operating next year in Texas.
July 25, 2012



University of Maryland purchases 16 foot underwater drone for coastal studies.

tidewatercurrent



TidewaterCurrent
July 21, 2012



Gorillas filmed performing amazing feat of intellectual ability

phys



TidewaterCurrent 7.23.12 - Video documents two young males dismantling a snare set by poachers for small game.
July 23, 2012



NC State veterinarians perform experimental surgery to repair endangered sea turtle's skull

washingtonpost



TidewaterCurrent 7.19.12- Include video of surgery. Doctors used glue, hooks and wires to put the Green Turtles head back together.
July 22, 2012



10 crops that would disappear without bees

foxnews



TidewaterCurrent 7.19.12 - Great review of Colony Collapse Disorder attributing the demise of bees to systemic pesticides. The implicated class of pesticide was banned in France as highlighted in a previous snip and although 1 million have supported an emergency petition to stop use of the pesticide here, the EPA declined to issue and emergency suspension but will open up a 60 day public docket next week to collect comments. Info at <http://www.beyondpesticides.org/dailynewsblog/?p=7723>
July 21, 2012



Whale play on a miserable Manly day

heraldsun.com.au



TidewaterCurrent 7.25.12 - Sydney, Australia - Swimming club enjoys freak whale encounter.
July 24, 2012



50 Tons of Litter Pulled from Pacific

news.yahoo



TidewaterCurrent What a great program -- spring cleaning for the Pacific Ocean around Hawaii -- even better the flotsam is used to generate energy.
July 19, 2012



Marine reserves aid ecosystem recovery after environmental disasters: study

phys



TidewaterCurrent 7.2012 - Stanford University study supports theory that marine reserves help surrounding ecosystems.
July 20, 2012



What It's Like To Live In America's Space Station Under The Sea

fastcoexist



TidewaterCurrent 7.18.12 - Aquarius Reef Base in the Florida Keys National Marine Sanctuary has been operating over 20 years but is losing its funding and may close.
July 19, 2012



America's big drought: Time to rethink water conservation

csmonitor



TidewaterCurrent 7.19.12 - Virginia Farmer Joel Salatin maximizes rainwater retention on his farm. He sees farmers as stewards of land and water and works with nature so he's ready to deal with less than ideal conditions. Water is stored in ponds and he rotates his cattle regularly preserving the grassland.
July 20, 2012



N.Y. Chefs Unite Against Fracking, Hold July 26 Fundraiser at Brooklyn Winery

huffingtonpost



TidewaterCurrent 7.18.12 - There are several partners in the event to be hosted at the Brooklyn Winery. The winery serves locally sourced products and half its grapes come from the Finger Lakes, which is an area threatened by fracking. The group is concerned about the impact on tourism and on the products they rely on.
July 19, 2012



South Korea Backs Away from 'Research' Whaling Plan

ens-newswire



TidewaterCurrent 7.17.12 - Astep in the right direction. The author notes that whale by-catch reported is higher in South Korea than anywhere.
July 19, 2012



Will Fish-Loving Japan Embrace Sustainable Seafood?

e360.yale.edu



TidewaterCurrent Japan imports more seafood than any other country, so it's about time that major environmental groups take up sustainable seafood campaigns there. In the past few years, Greenpeace, WWF and more have launched programs. Educating the population about sustainable production is viewed as a positive way to approach the issue.
July 19, 2012



Baby whale born in Sydney Harbour

smh.com.au



TidewaterCurrent We tend to think that wildlife keeps a distance from populous areas, but clearly it's not the case. Take a look at the video of a mother and calf Southern Right Whale that ferry commuters in Sydney Harbor enjoyed yesterday.
July 18, 2012



Scientists channel bird brains to prevent aircraft collisions | SmartPlanet

smartplanet



TidewaterCurrent 7.18.12 - Installing lights that emit ultraviolet light, visible to birds but not humans, could reduce the high number of bird plane collisions. Perhaps this technology could be applied to wind turbines too.
July 18, 2012



Tropical butterfly discovered in Quebec a sign of warming

news.yahoo



TidewaterCurrent 7.16.12 - Giant Swallowtail caterpillars indicate they are breeding in Canada, far north of their traditional breeding areas of South and Central America.
July 18, 2012



12-Year-Old Takes on 'Big Plastic' With Popular Petition

ens-newswire



TidewaterCurrent 7.17.12 - Worth a read! Concerned about the impact of plastic bags on wildlife, an Illinois youth worked to create a local ban on single use shopping bags in her community. Big corporations got involved and got state legislation introduced that would prevent local communities from banning the bags. Petition at Change.org.
July 19, 2012



Federal Funding in Green Infrastructure: Cleaning Waterways and Creating Jobs

switchboard.nrdc



TidewaterCurrent 7.17.12 - Green infrastructure for storm water management reduces pollution in our waters and creates jobs. Numerous examples are cited in this article.
July 18, 2012



Wham, bam, goodbye dam: Fish get down after river opens up

grist



TidewaterCurrent 7.16.12 - Washington State - Steelhead make a speedy return upstream after part of the Elwha dam is removed.
July 17, 2012



The Nature Conservancy and Toyota USA Foundation Create One Hundred Green Summer Jobs for High School Students

nature



TidewaterCurrent 7.16.12- Urban youth in 22 states are working to preserve nature. Links provided to upcoming Virginia and Maryland endeavors as well as the LEAF program.
July 17, 2012



These beautiful bridges are just for animals

grist



TidewaterCurrent Data shows that wildlife overpasses are being used.
July 17, 2012



Wetlands experiment in Oxnard raises restoration hopes

vcstar



TidewaterCurrent 7.16.12 - Experimental program on 2 acres constructed wetland developed to treat waste water from desalination plant so it can be used to nourish restored wetlands.
July 18, 2012



Part Science, Part Art, Pollinator Pathway Connects Seattle Green Spaces : NPR

npr



TidewaterCurrent Seattle planted corridor creates a pollinator pathway that connects green spaces.

July 18, 2012



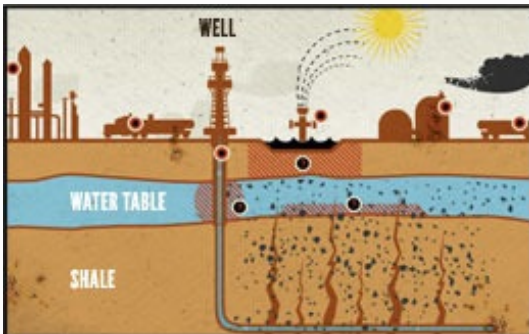
Virginia Beach OKs deal to preserve 122 acres

hamptonroads



TidewaterCurrent 7.12.12 - City closes \$13 million deal and is preserving the Pleasure House Point parcel.

July 16, 2012



Yoko Ono and Sean Lennon Launch Artists Against Fracking 0A+A-

ecowatch



TidewaterCurrent On the Jimmy Fallon Show, artists perform "Don't Frack my Mother" (video link included) and announce the formation of "Artists Against Fracking" which includes a number of noteworthy members.

July 17, 2012



Vermont's Waste Management Advancement

sustainablecitiescollective



TidewaterCurrent 7.15.12 - Vermont is the first state to pass a law requiring the recycling of organic matter in addition to traditionally recycled materials.

July 16, 2012



Can Solar And Wind Power Save Our Rivers? «

earthtechling



TidewaterCurrent 7.10.12 - Report by River Network emphasizes the large negative impact of fossil, nuclear and hydroelectric power on water resources, whereas PV and wind have a negligible impact.
July 15, 2012



Groups Take Legal Action against Alpha Natural Resources to Protect Waterways from Coal Pollution 0A+A-

ecowatch



TidewaterCurrent 7.16.12- Sierra Club, Ohio Valley Environmental Coalition and West Virginia Highlands Conservancy seek protection from coal mining pollution under the Clean Water Act.
July 16, 2012



Virginia Beach welcomes new place to study wildlife

hamptonroads.com.nyud



TidewaterCurrent 7.17.12 - Biology teachers toured the recently preserved waterfront parcel of Pleasure House Point on the Lynnhaven River. They are looking forward to bringing students to the site to learn about the unique coastal environment,
July 17, 2012



The Latest Weapon in the War on Cancer: Honey Bees

theatlantic



TidewaterCurrent 7.9.12 - University of Chicago Medical Center researchers found that Propolis compound suppresses tumor growth in mice
July 14, 2012

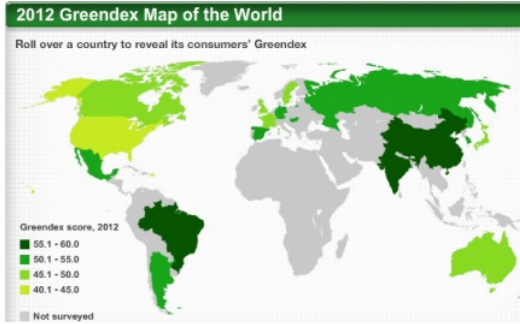


San Francisco Bay Whales: Feds To Reroute Ships For Marine Protection- PHOTOS: Whales In The Bay!

huffingtonpost



TidewaterCurrent 7.13.12 - A move in the right direction for marine mammal protection. In addition to rerouting shipping traffic, San Francisco will establish a whale monitoring network that is supported by industry. Trained sailors on commercial vessels will be on the look out for whales and report sightings to other ships in the vicinity so they can reroute or slow down.
July 15, 2012



The U.S. is the most environmentally sustainable country in the world, except all the others

grist



TidewaterCurrent 7.13.12 - Based on a National Geographic survey, US consumers are the least sustainable in the world and we feel the least guilty about our environmental impact. We're slightly ahead in one Greendex category, we're more energy efficient than our Canadian neighbors.
July 14, 2012



Sheep keep Saskatoon grasslands free of invasive plants

cbc.ca



TidewaterCurrent 7.8.12 - Saskatchewan. Another another critter now employed to eat invasive species. Apparently the sheep prefer the non-native plants.
July 13, 2012



Ken Plum: Uranium mining in Virginia

augustafreepress



TidewaterCurrent 7..12.12 - Great editorial by a Virginia Delegate on efforts to lift the ban on uranium mining in Virginia. Thank You Ken - Please continue to represent the people of the Commonwealth and not industry and lobbyists.
July 14, 2012



Texas judge rules that the atmosphere is protected under the public trust doctrine

grist



TidewaterCurrent 7.10.12 - In a monumental decision, the Public Trust Doctrine is upheld in a petition seeking action on climate change filed by Our Children's Trust. The judge found that the atmosphere, like water resources, should be protected under the doctrine. The author notes that the decision is likely to be challenged.
July 11, 2012



Agency awards Va. grant to fight fatal bat disease

sfgate



TidewaterCurrent 7.10.12 - USFWS awards \$30,000 for monitoring bat habitat and response plans for White Nose syndrome in Virginia and other states.
July 10, 2012



Fairmont hotel prevents stinging situation with honeybees

travel.usatoday



TidewaterCurrent 7.6.12 - Washington, D.C. - Recognizing the importance of pollinators, a number of hotels now boast rooftop beehives. Beekeepers at the Fairmont harvest some 300 pounds of honey per year from their rooftop hives and recently demonstrated that they can successfully managed a swarm.
July 14, 2012



A 'Mussel Raft' Tackles Bronx River Pollution

green.blogs.nytimes



TidewaterCurrent 7.5.12 - NOAA experiments with mussels to remove nitrogen from the water. The mussel are not edible and therefore unlikely to be poached. The mussels can be used for fish food.
July 7, 2012



The Sky Hive Is a Towering High Rise for Bees in Downtown Maastricht

inhabitat



TidewaterCurrent 7.10.12 - Innovative urban system protects both bees and humans and increases awareness about the benefit provided by pollinators.
July 11, 2012



OpenROV, an underwater drone for marine exploration | SmartPlanet

smartplanet



TidewaterCurrent 7.8.12 - Developed through an open source software platform, makers are selling the ROV kit on Kickstarter for a mere \$775 (compared to government developed drones that cost many thousands of dollars).
July 9, 2012

Saving an Ocean Giant Atlantic Bluefin Tuna

An infographic titled "MEET THE BLUEFIN" with a silhouette of a bluefin tuna. It lists three facts: "Grows up to 10 FT. LONG and weighs 1,500 LBS.", "Makes transoceanic MIGRATIONS and dives deeper than 4,000 FT.", and "Lives up to 40 YRS. and is warm-blooded like mammals".

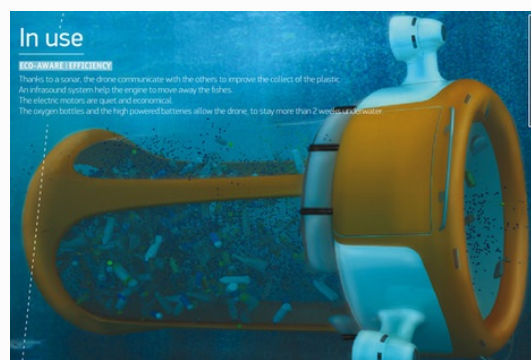
Grows up to 10 FT. LONG and weighs 1,500 LBS.	Makes transoceanic MIGRATIONS and dives deeper than 4,000 FT.	Lives up to 40 YRS. and is warm-blooded like mammals
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Show Your Support for Atlantic Bluefin Tuna by July 15 « EcoWatch: Uniting the Voice of the Grassroots Environmental Movement

ecowatch



TidewaterCurrent 7.7.12 - NRDC encouraging comments to NOAA re major changes for managing Atlantic Bluefin Tuna. NOAA link included as well as one to the Pew Environmental Group Infographic on the Bluefin Tuna.
July 7, 2012



Marine Drone

yankodesign



TidewaterCurrent Great Idea!
July 5, 2012



Navy Admits Whales and Dolphins in Harm's Way : Discovery News

news.discovery



TidewaterCurrent 7.6.12 - July 10 is the deadline to submit comments regarding the Navy's request for exemption from the marine mammals protection act and endangered species act. The author notes that there is an online petition against the request with a link included and that the Navy has done extensive analysis in order to limit worse case scenarios.
July 8, 2012



Army rebuilds island with Baltimore mud

foxnews



TidewaterCurrent 7.7.12- Baltimore Harbor Dredge spoils used to rebuild eroding Chesapeake Bay Island that is now a wildlife sanctuary, providing nesting grounds for Diamondback Terrapins and sea birds including eagles. NASA satellite images show the transformation.
July 7, 2012



How fan-plastic! Eco-friendly family ban plastic from their home

express.co.uk



TidewaterCurrent 7.4.12 - Concerned about the environmental impact of plastics, an Austrian family banned them from their home 3 years ago. A book about their adventure has now available.
July 5, 2012

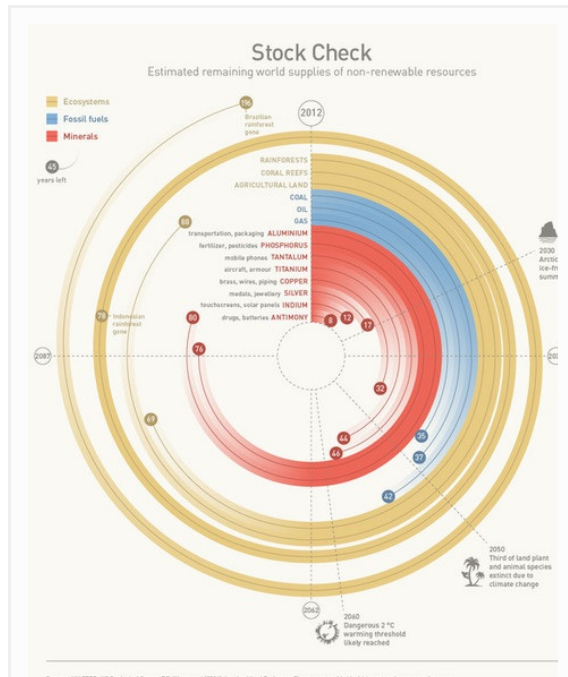


Slimy Seaweed Bacteria Works Better than Toothpaste to Keep Your Teeth Pearly White

inhabitat



TidewaterCurrent 7.5.12 - Seaweed contains an enzyme that removes plaque and bacteria easier than can also be employed to organically clean other materials like bacteria and zebra mussels off the bottom of ships.
July 6, 2012



Visualizing All The Non-Renewable Resources We Have Left

fastcoexist



TidewaterCurrent 7.6.12 - BBC infographic on non-renewable resources.
July 6, 2012



French PM Reiterates Pledge to Cut Reliance on Nuclear Power

online.wsj



TidewaterCurrent 7.3.12 - France plans to increase renewable energy production while reducing reliance on nuclear energy.
July 3, 2012



Whales to gain canal protection

bbc.co.uk



TidewaterCurrent 7.6.12 - Whale watching has become increasingly popular in Panama and Humpbacks in and around the Panama Canal will likely be protected. There is a breeding ground in the vicinity of the canal and a proposal has been made to funnel ships into narrow lanes as well as slow them down.

July 6, 2012



Conservation is patriotic in U.S., poll finds

mnn



TidewaterCurrent 7.3.12 - 4 out of 5 Americans favor conservation. Two independent polls found that no matter what the respondents political affiliation, most Americans favor protecting natural resources.

July 5, 2012



Bee-Killing Neonicotinoid Pesticide Thiamethoxam Banned in France - Beyond Pesticides Daily News Blog

beyondpesticides



TidewaterCurrent 7.2.12 - Canada is re-evaluating the pesticide and the EPA was petitioned in March to suspend the registration of pesticides containing clothianidin.

July 3, 2012



Build It...and They Will Come Back: Construction begins on the Lafayette's largest oyster reef yet

elizabethriver



TidewaterCurrent This summer conservation groups are adding 1 million oysters a created reef in the Lafayette River. The oysters filter up to 50 gallons a day each of water, removing pollutants and excess nutrients.

July 3, 2012



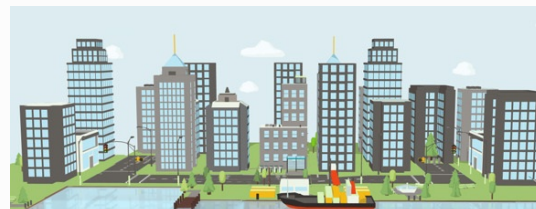
Celebrities Rally to Stop Fracking and Promote Renewable Energy

ecowatch



TidewaterCurrent 7.3.12 - First Ever "Stop the Frack Attack" Rally in DC July 28. Since, congress has exempted the oil and gas industry from Clean Air and Water provisions, environmental leaders including celebrities are gathering to protest fracking and promote renewable energy.

July 4, 2012



Eight Solutions to Address Climate Change – in 3D...

newswatch.nationalgeographic



TidewaterCurrent 6.28.12 - C40 infographic highlights problems and solutions developed in participating cities. C40 is a network of the world's megacities committed to addressing climate change Link to info-graphic included. More info at

<http://www.c40cities.org/>

July 2, 2012



Delegate raising money to keep ban on uranium mining in placeYourGV.com

yourgv



TidewaterCurrent 6.28.12 - Virginia - Why is this mine needed? Japan and Germany are phasing out nuclear as have other European countries. And now France, once a staunch proponent of nuclear is changing its tune and has announced that it too will reduce nuclear capacity. Who will be buying what is mined???? Only one nuclear plant has been commissioned in the US in recent years and many are aging and should be shut down.
July 3, 2012



Water buffalo help rid Brandywine park of invasive plants

delawareonline



TidewaterCurrent 7.3.12 - Delaware Park experiments using Water Buffalos to remove invasive plants. The Bull Calves eat and crush the invasives. The State Department of Natural Resources and Environmental Control will monitor the experiment. If successful, they will re-employ the Bulls next year.
July 3, 2012



Lawmakers override Perdue's budget, fracking vetoes :: WRAL.com

wral



TidewaterCurrent 7.3.12 - Although fracking was vetoed by the North Carolina Governor, the State legislature overturned the veto with unfortunately one mistaken vote.
July 3, 2012



San Francisco Airport Employs Goats In Its Wetlands (PHOTOS)

huffingtonpost



TidewaterCurrent 7.2.12 - Goats: Organic Weed Abatement. The wetlands around the airport are home to endangered species. The goats remove dry shrubs reducing fire risk without harming the endangered species.
July 3, 2012

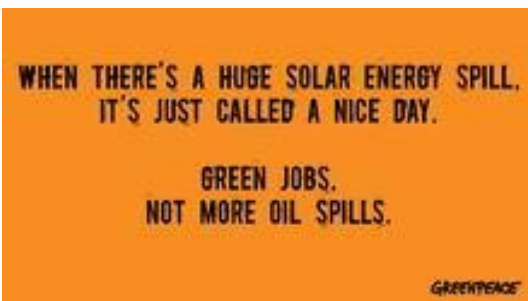


Loggerhead turtle picks Oceanfront beach for nest

hamptonroads



TidewaterCurrent 7.3.12 -Virginia Beach - Every year there are usually a few sea turtle nests along Virginia shores, normally in less developed areas. This nest was unusual along the heavily developed North End. at 57th St. The eggs were collected by volunteers and will be relocated and watched.
July 3, 2012



Greenpeace denied Edmonton billboard space for oil spill ad

theglobeandmail



TidewaterCurrent Vote Solar's Slogan was to be used with permission by Greenpeace on an Edmonton billboard. At the 11th hour, the billboard company backed out on the deal without explanation.
<http://www.theglobeandmail.com/report-on-business/industry-news/marketing/greenpeace-denied-edmonton-billboard-space-for-oil-spill-ad/article4351183/?cmpid=rss1>
July 3, 2012



Los Angeles Joins Fight Against Climate Change

huffingtonpost



TidewaterCurrent 7.2.12 - 12 million people represented by two dozen municipalities including Boone, NC and Los Angeles have approved resolutions calling for action on global warming. While her in Virginia, our Attorney General, Ken Cuccinelli, challenged EPA's authority to act regarding GHG emissions under the Clean Air Act. Fortunately, the Court just upheld EPA's authority to act.
July 2, 2012



Old Dominion University Researcher helps Team Produce TickID App

odu.edu



TidewaterCurrent Old Dominion University Researcher helps Team Produce TickID App - Photos, descriptions, diseases carried and proper removal techniques are available in this new application for iphones and ipads at <http://itunes.apple.com/app/tickid/id531348104?mt=8> .
<http://www.odu.edu/ao/news/index.php?todo=details&id=32244>
June 28, 2012



Debunking the "War On Coal"

switchboard.nrdc



TidewaterCurrent 6.29.12 - Finally 20 years after the Clean Air Act mandated protecting human health, the EPA acted to limit mercury pollution from power plants. An effort to block the ruling was made in the Senate last week, but fortunately it was defeated. Even Jay Rockefeller of West Virginia stood up against the effort to risk our health, but not Virginia representatives.

http://switchboard.nrdc.org/blogs/paltman/editorial_page_roundup_debunk_i.html

July 2, 2012



Fixing Wind Power's Bat Problem

spectrum.ieee



TidewaterCurrent July 2012 - Author explores research into mitigating bat deaths at wind farms. Some interesting ideas on technologies that might cut the death rate are noted. Biologist and engineers are working together this summer on a wind farm in Wisconsin to collect data to help formulate potential solutions.

<http://spectrum.ieee.org/energy/renewables/fixing-wind-powers-bat-problem>

June 28, 2012



Turning Sea Trash into Boat Fuel

nbcbayarea



TidewaterCurrent 6.27.12 - Mining our landfills and oceans for plastic could make sense. Rendering plastic into its oil base via pyrolysis has been feasible for years, but expensive. Now that we are wasting so much landfill space on it and our oceans are full of it, the benefits attained by removing it from the ocean and reducing demand on increasingly expensive landfill space, could outweigh the costs. <http://www.nbcbayarea.com/news/local/Turning-Sea-Trash-into-Boat-Fuel-via-App-160553715.html>
June 27, 2012



Anglers' equipment spells trouble for wildlife | HamptonRoads.com | PilotOnline.com

hamptonroads.com.nyud



TidewaterCurrent 6.27.12 - Anglers' equipment spells trouble for wildlife . Conservation groups are working together with the City of Virginia to educate the public and remove fishing line and angling debris from waterway. The first clean up is scheduled for July 14. More info here: <http://www.recycleyourline.com/Pages/aboutus.aspx> . <http://hamptonroads.com.nyud.net/2012/06/anglers-equipment-spells-trouble-wildlife>
June 28, 2012



Shaka turns your iPhone into a wind-speed-measuring machine

gizmag



TidewaterCurrent 6.21.12 - Need to know the wind speed? Sailors take note. This \$59 anemometer that connects to your iPhone is expected to be available soon.

<http://www.gizmag.com/shaka-iphone-wind-meter/23050/>

June 22, 2012



At Freshkills Park, Borrowing Goats to Tackle a Weed Problem

nytimes



TidewaterCurrent 6.21.12 - Staten Island, NY - Goats are employed to eat invasive phragmites at Freshkills Park. One biologist quoted is not enthusiastic about the goats eradicating the phragmites, he is a proponent of caterpillars. But the goats are eating it, and even if they don't eradicate, it totally, they will weaken the plants making them less tolerant to pesticides.

http://www.nytimes.com/2012/06/22/ny-region/at-freshkills-park-borrowing-goats-to-tackle-a-weed-problem.html?_r=3

June 25, 2012



Denver Zoo Elephant Passage (Powered by Poo) Takes LEED «

earthtechling



TidewaterCurrent 6.20.12 - Biomass gasification system converts elephant poo and 90% of zoo waste into energy that powers the elephant exhibit (reducing annual landfill contributions by 1.5 million pounds annually). Most of the water in the exhibit is also recycled for use in other exhibits and irrigation.

<http://www.earthtechling.com/2012/06/denver-zoo-elephant-passage-powered-by-poo-takes-leed/>

June 20, 2012

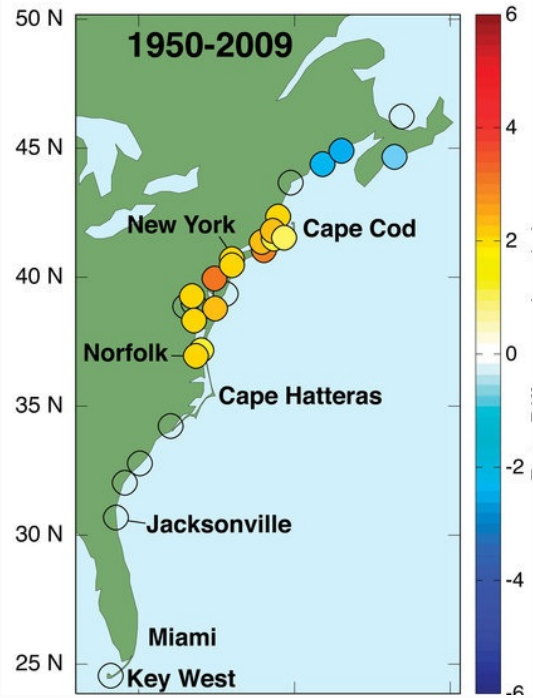


Endangered turtle ventures to Duck, N.C. (and VB), to lay eggs | HamptonRoads.com | PilotOnline.com

hamptonroads



TidewaterCurrent 6.22.12 - Normally Kemp's Ridley nest along the Gulf Coast. This one oddly laid her eggs during the day, allowing confirmation of the specie. Also this week a Kemp's Ridley nest was discovered at Dam Neck in Virginia Beach. Perhaps these turtles are more able to adapt than we thought. They may be attracted to the warmer waters this year on the East Coast or simply staying away from the Gulf Coast. <http://hamptonroads.com/2012/06/kemps-ridley-sea-turtle-nest-discovered-duck>
June 23, 2012

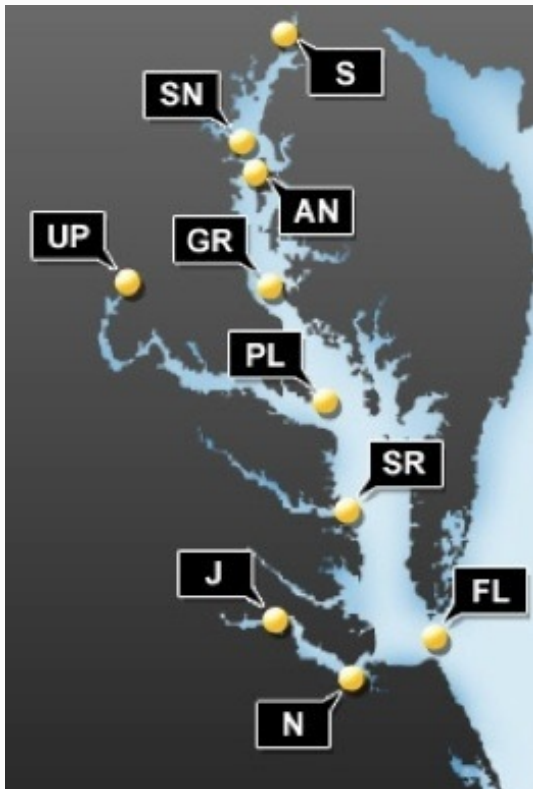


Study finds sea level rise accelerating along Atlantic coast

baltimoresun



TidewaterCurrent 6.25.12 - The largest rates in sea level rise in the study were found in Norfolk, VA where sea level has been rising 6 millimeters per year. <http://www.baltimoresun.com/features/green/blog/bal-bmg-study-finds-sea-level-rising-faster-along-atlantic-coast-20120625,0,3214285.story>
June 25, 2012



Chesapeake Bay "smart buoys" give real-time wind and weather information

tidewatercurrent



TidewaterCurrent 6.24.12 - NOAA's system of smart buoys provide data on current conditions in 10 locations around the bay as well as interpretive data relating to the first water based national trail in the country. Smartphone apps are available to download.
<http://tidewatercurrent.com/summer2012/Features.html#smartbuoy>
 June 25, 2012



Brazil court ruling will cost Monsanto \$billions

redgreenandblue



TidewaterCurrent 6.19.12 - Justice served. Monsanto was collecting patent money on seeds they sold even though the patents had run out in Brazil. Farmers sued and won big.
<http://redgreenandblue.org/2012/06/19/brazil-court-ruling-will-cost-monsanto-billions/>
 June 20, 2012



Floating wetlands to treat sewage

hawkesbaytoday.co.nz



TidewaterCurrent 6.18.12 - New Zealand - Floating wetlands to pull pollutants from water treatment oxidation ponds. The final effluent quality is expected to comply with stringent standards.
 June 18, 2012



World's largest man-made floating wetland for Rotorua | Voxy.co.nz

voxy.co.nz



TidewaterCurrent 6.19.12 - New Zealand - 4,0000 sq. meter floating wetland with 20,0000 native plants being constructed at Lake Rotorua. The systems is expected to significantly reduce nutrients in the lake as the floating systems have been demonstrated to filter more water than land based wetlands. <http://www.voxy.co.nz/national/worlds-largest-man-made-floating-wetland-rotorua/5/126730>
June 19, 2012



The SeaOrbiter: Futuristic Marine Research Vessel to Begin Construction

inhabitat



TidewaterCurrent 6.19.12 - According to the article, funding is in place for the \$52 million dollar project and construction will begin in the fall for the floating research station powered by the wind, sun and waves. <http://inhabitat.com/the-seaorbiter-futuristic-marine-research-vessel-to-begin-construction/>
June 20, 2012



Bay Daily: The Return of Underwater Meadows Full of Life

cbf.typepad



TidewaterCurrent 6.14.12 - Efforts to restore sea grasses in Virginia's Atlantic Coast Bays have been very successful. Through research and volunteer efforts and led by VIMS, the Nature Conservancy and the Chesapeake Bay Foundation and more, 350 acres of eel grass provide home to all kinds of creatures including the once prolific Bay scallops, extinct for the last 80 years. http://cbf.typepad.com/bay_daily/2012/06/i-slip-beneath-the-waves-wearing-a-snorkeling-mask-in-a-bay-along-virginias-atlantic-coast-and-its-like-swimming-back.html#more
June 15, 2012



More green water systems might be on tap for SFPUC | Amy Crawford | Local | San Francisco Examiner

sfexaminer



TidewaterCurrent 6.18.12 - New headquarters for the SF public utilities has constructed waste water treatment plant known as a living machine designed by Virginia Co. Worrell Water. In addition to using 60% less water than other buildings and recycling and reusing waste water, the building also boast integrated solar and wind systems to provide 7% of energy needed. More info about the building can be found [here](http://216.119.104.145/bids/projectDetail.aspx?prj_id=269)
<http://www.sfexaminer.com/local/2012/06/more-green-water-systems-might-be-tap-sfpuc>
June 19, 2012



Stranding team to release turtle from Va. Beach

hamptonroads



TidewaterCurrent 6.13.12 - Rehabbed Green Sea Turtle to be released into the Chesapeake Bay at First Landing State Park at 11 a.m. Thursday (June 14).
<http://hamptonroads.com/2012/06/stranding-team-release-turtle-va-beach>
June 13, 2012



Barnesville resident gives storm drains a bit of flair

gazette



TidewaterCurrent 6.13.12 - Simple, cheap grate keeps trash out of storm water drains and watersheds. A chemical sponge can also be installed to trap pollutants.
<http://www.gazette.net/article/20120613/NEWS/706139565/1007/barnesville-resident-gives-storm-drains-a-bit-of-flair&template=gazette>
June 14, 2012



Rehabbed Green Turtle released today at First Landing State Park

tidewatercurrent



TidewaterCurrent 6.14.12 - Cold stunned Makahiki was rescued by the Virginia Aquarium Stranding team in January and released today on the shores of the Chesapeake Bay.
<http://tidewatercurrent.com/spring2012/naturalresources.html>
June 14, 2012



Area Managers Schedule Sustainable Fisheries Meeting In Annapolis - CBS DC

washington.cbslocal



TidewaterCurrent 6.11.12 - Annapolis, MD - Today and tomorrow officials will meet to discuss seafood fisheries in the Chesapeake Bay including the land sea connection. <http://washington.cbslocal.com/2012/06/11/area-managers-schedule-sustainable-fisheries-meeting-in-annapolis/>
June 11, 2012

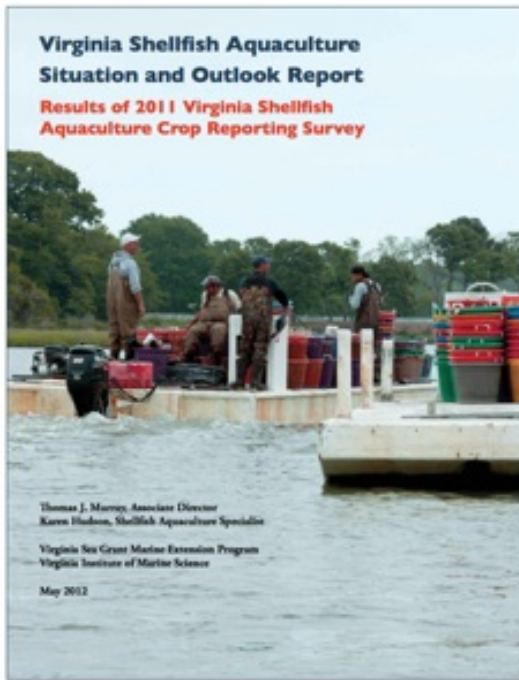


Virginia's dying marshes and climate change denial

bbc.co.uk



TidewaterCurrent 6.5.12 - Very interesting read on the impact of rising sea level in Virginia from BBC news. A bipartisan effort is being made by the Lower House of Delegates to fund a comprehensive study on the economic impact of flooding, something that can be addressed by politicians as there is little political will to address global warming. <http://www.bbc.co.uk/news/magazine-17915958>
June 13, 2012



Virginia Institute of Marine Science - Shellfish aquaculture a bright spot in weak economy

vims.edu



TidewaterCurrent 6.11.12 - Virginia Institute of Marine Sciences releases 2011 report on shellfish aquaculture in the State. The oyster industry is growing (up 38% from 2010) while the clam industry is holding steady and continues to be the the largest in the nation. A downloadable link is included.

http://www.vims.edu/newsandevents/topstories/shellfish_aquaculture_report_2012.php

June 12, 2012



Fishing Column: House vote hurts Clean Water Act

stamfordadvocate



TidewaterCurrent 6.8.12 - Fishing and conservation groups are concerned about House passed legislation that puts headwaters and wetlands at risk. Trout Unlimited notes the importance of protecting these valuable resources and appreciates the efforts of Rep. Jim Moran of Virginia, among others in their fight against the provision that would diminish clean water act protection.

<http://www.stamfordadvocate.com/sports/article/Fishing-Column-House-vote-hurts-Clean-Water-Act-3621008.php>

June 9, 2012



Oyster Castles – Like building reefs with Legos (The Nature Conservancy – Virginia Coast Reserve)

Oyster Castle Reef constructed in Virginia Beach - Tidewater Current | Spring 2012

tidewatercurrent



TidewaterCurrent VB students help restore the Lynnhaven River. This week the students built castle structures that provide habitat for oysters which remove potentially harmful pollutants.
<http://tidewatercurrent.com/spring2012/naturalresources.html>
June 8, 2012



World Oceans Day: Don't mess with them or they'll mess with you

grist



TidewaterCurrent 6.7.12 - Just in time for World Oceans Day, tomorrow, California established a series of marine sanctuaries (link provided in article). Other noteworthy ocean news includes a report from Climate Central naming Norfolk, VA as one of the top 5 most vulnerable cities to hurricanes (as sea level rise is particularly evident in the Chesapeake Bay region). Happy World Oceans Day!!!
June 7, 2012



Oyster gardeners plant their first crop | The Suffolk News-Herald

suffolknewsherald



TidewaterCurrent 6.8.12 - Suffolk, VA - While learning science, students help the environment. Elementary, middle and high school students in Suffolk raised oyster in floats, conducting analysis of water quality and monitoring growth. Now mature, some 33,000 oysters were submerged at 1 site in the Nansmond and 2,500 located on an intertidal reef in Chuckatuck Creek. The students will monitor how the oysters fare in the two different environments.
<http://www.suffolknewsherald.com/2012/06/08/oyster-gardeners-plant-their-first-crop/>
June 9, 2012



NEAQ Staff Plans 10-Hour Drive To Release 17 Endangered Sea Turtles - CBS Boston

boston.cbslocal



TidewaterCurrent 6.10.12 - Today New England Aquarium staff are making a 10 hour drive to the Eastern Shore of Virginia to release 15 Kemp's Ridley and 2 Loggerhead sea turtles that were rescued last winter suffering from hypothermia. The waters off the Massachusetts coast are still too cold.
<http://boston.cbslocal.com/2012/06/09/neaq-staff-plans-10-hour-drive-to-release-17-endangered-sea-turtles/>
June 10, 2012



N.C. group joins uranium watch

www2.godanriver



TidewaterCurrent 6.4.12 - Concern over the downstream impact of a Virginia uranium mine has compelled North Carolina citizens to ban together against the proposed project.
<http://www2.godanriver.com/news/2012/jun/04/nc-group-joins-uranium-watch-ar-1965546/>
June 6, 2012



Navy seeks exemption from the Marine Mammals Protection Act and Endangered Species Act to conduct sonar and explosives testing- Tidewater Current | Spring 2012

tidewatercurrent

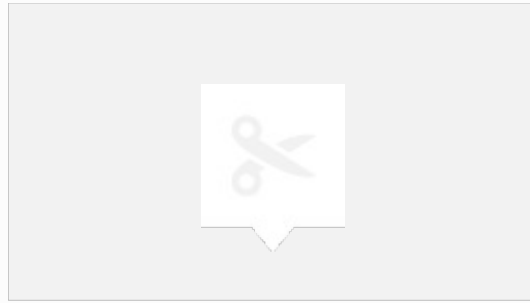


TidewaterCurrent 6.7.12 -

Information is being provided and comments sought at a public open house in Virginia Beach on June 11. The author provides links to the draft EIS, a project fact sheet and the locations and dates of the VB and other public meetings in North Carolina and Florida. Comments will be accepted at the public meeting or you can submit them electronically. Comments will be accepted until July 10, 2012.

<http://tidewatercurrent.com/spring2012/naturalresources.html>

June 7, 2012



Wildlife Center of Va to release 3 patients

northjersey



TidewaterCurrent 6.6.12 - A rehabbed VB Peregrin Falcon will be released this week in Hampton. In addition a Golden Eagle and a Bald Eagle are to be released in Nelson and Warsaw counties.

http://www.northjersey.com/news/national/157411475_Wildlife_Center_of_Va_to_release_3_patients.html

June 6, 2012



Seattle group creates 'Pollinator Pathway' for bees, birds, butterflies

king5



TidewaterCurrent Great idea. Group in Seattle is creating native plant strips through urban areas to link natural areas in Seattle. Info at <http://www.pollinatorpathway.com/http://www.king5.com/news/Seattle-group-creates-a-path-to-pollination-152795185.html>

June 7, 2012



Giant Umbrellas Turn a Public Space into a Water Cleaning Art Garden

treehugger



TidewaterCurrent 6.3.12 - Sustainable Design - Portland Oregon Stormwater is diverted into bioswale which filters pollutants. <http://www.treehugger.com/urban-design/giant-bronze-umbrellas-turns-public-space-portland-water-cleaning-art-garden.html>
June 5, 2012



Home gardeners raise Chesapeake bay grasses

www2.timesdispatch



TidewaterCurrent 6.4.12 - In the Chesapeake Bay grasses once covered 600,000 acres but now grown on just 64,000 acres. To replenish grasses, Chesapeake Bay Program scientists are recruiting citizen gardeners to grow bath tub grasses for planting in the Bay and it's tributaries. <http://www2.timesdispatch.com/news/virginia-politics/2012/jun/04/tdmain01-masses-helping-bay-grasses-learn-more-ar-1963266/>
June 4, 2012



A rare sea turtle nests on Ossabaw

savannahnow



TidewaterCurrent 6.1.12 - Kemps Ridley nests on Georgia Sea Island instead of the Western Gulf of Mexico. Another report from N.C. indicates that Loggerhead turtles have started nesting earlier than usual (http://www.witn.com/home/headlines/NC_Sea_Turtles_Nesting_Early__151972295.html). Maybe it has something to do with the warmer than usual winter or the Gulf Oil spill. <http://savannahnow.com/news/2012-06-03/rare-sea-turtle-nests-ossabaw#.T8z43i7WrHM>
June 4, 2012



Lawsuit Filed to Protect Crayfish Threatened by Mountaintop-removal Mining in Kentucky, Virginia and West Virginia

biologicaldiversity



TidewaterCurrent 5.30.12 - The US Fish and Wildlife Service is being sued by the Center for Biological Diversity for failure to protect the Big Sandy Crayfish considered keystone species. Found only in Appalachia populations are threatened by pollution from mountain top removal coal mining and logging in W. Virginia, Virginia and Kentucky. http://www.biologicaldiversity.org/news/press_releases/2012/big-sandy-crayfish-05-30-2012.html
May 31, 2012



The Greatest Threat to Seagrass is the Very Phenomenon It Counteracts, Global Warming

earthisland



TidewaterCurrent A lot of snips recently highlighted the news that Seagrass Meadows are Underwater Carbon Sinks More Efficient Than Forests. It's just unfortunate that warm temps kill the grasses - a large part of the reason they no longer flourish in the Chesapeake Bay.

http://www.earthisland.org/journal/index.php/elist/eListRead/seagrass_meadows_underwater_carbon_sinks_more_efficient_than_forests

June 2, 2012



Expert Links Dolphin Deaths to Sonar Testing

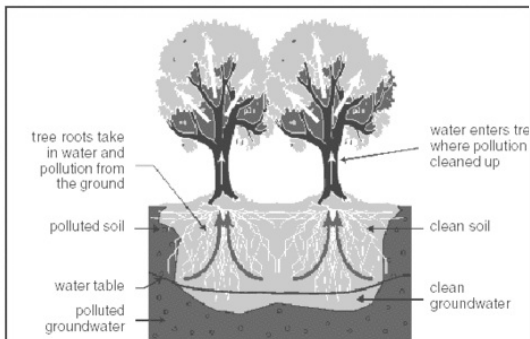
green.blogs.nytimes



TidewaterCurrent 5.28.12 - If sonar was indeed involved in the mass deaths in Peru, the US Fish and Wildlife will need to look closely at the circumstances of this event before allowing the Navy to have an exemption from adhering to the Marine Mammal Protection Act for sonar testing. (See:

<http://snip.it/snips/172520>
<http://green.blogs.nytimes.com/2012/05/28/expert-links-dolphin-deaths-to-sonar-testing/>

June 1, 2012

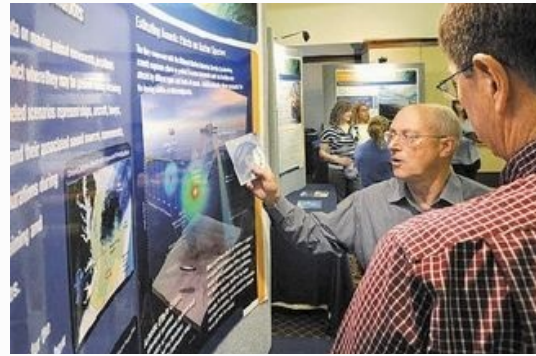


EPA lends support to Altavista's plan to clean up PCBs

www2.wsls



TidewaterCurrent 5.30.12 - Altavista, VA- EPA supports bioremediation plan to remove PCBs from wastewater pond. The alternative method, removal, is too costly estimated at \$4.5 million. Instead Poplars and willow trees will be planted and microbial activity in the root system will break down the compounds rendering them inert. Phytoremediation tests are underway. <http://www2.wsls.com/news/2012/may/30/epa-lends-support-altavistas-plan-clean-pcb-ar-1954109/>
May 31, 2012

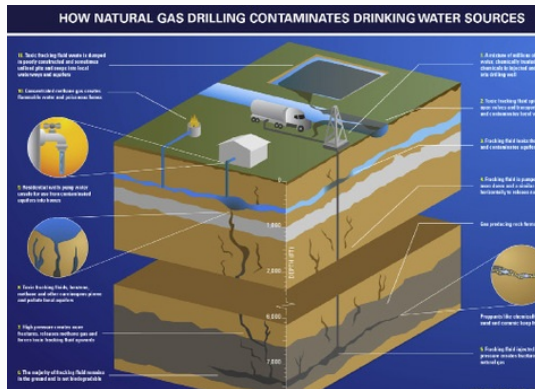


Navy: Three times more sonar testing

capecodonline



TidewaterCurrent 5.31.12 - Navy to hold informational meetings on permit request from the National Marine Fisheries Service granting them an exemption from the Marine Mammal Protection Act. They plan to increase their use of sonar testing new ships and equipment. The author notes that the Navy has done their homework and it appears that they are taking great strides to protect marine mammals. Nevertheless, there is likely to be an impact. The article includes links to the EIS and links to a site where comments can be submitted. One of the meetings is to be held soon in Virginia Beach - will include something in the Events sections when that is determined. <http://www.capecodonline.com/apps/pbcs.dll/article?AID=/20120531/NEWS/205310336>
May 31, 2012



Vermont Bans Fracking, Citing Injury Concerns

reuters



TidewaterCurrent 5.23.12 - Good on VT for banning fracking. The author notes that without significant shale deposits in state, it was not a controversial or difficult decision. Virginia has not banned fracking and it would appear that the McDonnell administration is in favor of it, as it recently encouraged a Rockingham County Board to approve a project. Nevertheless the controversial method is not utilized in the state. A special land use permit necessary from the Board of Supervisors in Rockingham never even came to a vote as so much concern was expressed over the project. One concern cited was the increased risk of earthquakes. Meanwhile, North Carolina is now considering allowing fracking in the State.

June 3, 2012



Radioactive bluefin tuna crossed the Pacific to US

phys



TidewaterCurrent 5.29.12 - Fukushima source of radioactivity found in Bluefin tuna caught in US waters. Researchers plan to look at other migratory species. <http://phys.org/news/2012-05-radioactive-bluefin-tuna-pacific.html> May 29, 2012

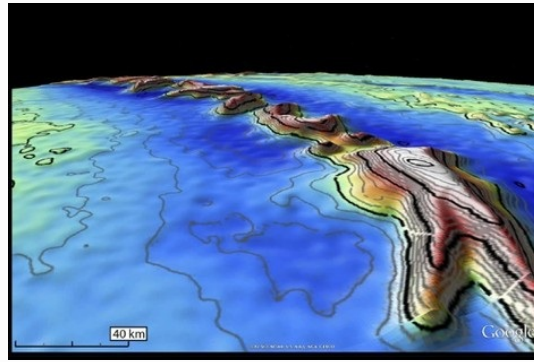


Potomac snakehead fishing tournament offers \$1,500 for biggest haul of invasive species

washingtonpost



TidewaterCurrent 5.30.12 - In an effort to rid the waters of the invasive Snakehead, a Tournament has been organized for this weekend on the Potomac in Maryland. Local chefs will prepare and serve what is considered a highly valued fish in Asia. Cash prizes up to \$1500 and all proceeds go to Maryland Dept of Natural Resources to fight invasive species. http://www.washingtonpost.com/local/potomac-snakehead-fishing-tournament-offers-1500-for-biggest-haul-of-invasive-species/2012/05/30/gJQAMQX00U_story.html
May 30, 2012



CryoSat Maps The Ocean Floor

redorbit



TidewaterCurrent 5.29.12 - CryoSat launched to monitor sea ice thickness is providing data on the topography of the ocean floor. Little is known about the bathymetry of the ocean. According to one expert this new data will revolutionize our understanding of ocean floor tectonics and reveal thousands of previously unknown undersea volcanoes. Without this data, it would take years and billions of dollars to create comparable maps. <http://www.redorbit.com/news/space/112543446/cryosat-maps-the-ocean-floor/>
May 29, 2012



Bees in Times Square: InterContinental Hotel Unveils New Rooftop Beehive

inhabitat



TidewaterCurrent 5.27.12 -This is a great program to help bees. 10,000 honey bees have a new rooftop home in Time Square. With 30 pounds of honey expected this year, the Hotel will harvest it for use in beverages and menu items. Two other Intercontinental Hotels sport bee hives here in the US and there are rooftop hives on the White House and hotels elsewhere.
<http://inhabitat.com/nyc/bees-in-times-square-intercontinental-hotel-unveils-new-rooftop-beehive/>
May 29, 2012



As Virginia Looks At Whether Uranium Can Be Mined Safely, Critics Voice Concern (Richmond, Va.) | oregonlive.com

oregonlive



TidewaterCurrent 5.28.12 - With the Nation's largest know uranium mine, Virginia considers lifting ban on mining. Study commissioned by the Governor (not the state legislature) to be completed by the end of the year. Meanwhile another study conducted by the National Academy of Science and released in December notes that there are many hurdles to be jumped, including measures to protect the environment and the public. The NAS is holding a meeting in Virginia Beach Thursday to discuss its findings. Info at <http://snip.it/snips/162024>.
<http://www.oregonlive.com/newsflash/index.ssf/story/as-virginia-looks-at-whether-uranium-can/c6d71a748c652be33f1c3dcf1890b1bf>
May 29, 2012



Can fungi clean up a Superfund site? They're giving it a try

msnbc.msn



TidewaterCurrent 5.29.12 - Interesting article on bioremediation. In this case, Oyster mushroom floats are being deployed to decompose pollutants in a Brooklyn waterway. Mycoremediation can remove toxic materials including metals like mercury and cadmium as well as dangerous microbes. The floating mycobooms are completely experimental and could take years to have any impact, but superfund cleanups using more traditional methods can also take years, so this will be an interesting experiment to track.

http://www.msnbc.msn.com/id/47603496/ns/technology_and_science-science/#.T8YLzpiLHww
May 30, 2012



Taking the solar powered boat out for a spin | todaysthv.com

todaysthv



TidewaterCurrent 5.22.12 - While enjoying a trip down the Eerie Canal, New York sailors are testing their sun powered (only) vessel on a 10 day 363 mile trip. With battery power, the boat can run after the sun goes down. The price for a basic model is comparatively reasonable at \$45,000. <http://www.todaysthv.com/news/article/211614/70/Taking-the-solar-powered-boat-out-for-a-spin>
May 24, 2012



DNA evidence shows that marine reserves help to sustain fisheries

phys



TidewaterCurrent 5.24.12 - Protected areas benefit commercial fishing. Larvae from marine reserves build fish stocks (even outside the reserves). This study was conducted by researchers in Australia but should apply everywhere.

<http://phys.org/news/2012-05-dna-evidence-marine-reserves-sustain.html>

May 24, 2012



Oysters save you taxes while saving the Chesapeake

wtop



TidewaterCurrent 5.29.12 - Live in Maryland? Buy an oyster float and you'll help clean the Bay and get your money back in a tax credit. You can grow your own oysters if you happen to live on the water and if not, Circle C ranch will grow them for you. At the end of the season, you can eat your oysters or donate them to a conservation reef.

<http://www.wtop.com/41/2881812/Oysters-save-Chesapeake-taxes-and-you-can-eat-them-too>

May 29, 2012



An Earth Shelter For The Ages In Michigan «

earthtechling



TidewaterCurrent 5.28.12 -
Biodynamic farm hosts earth shelter home and barn complex that operates completely off the grid. The earth insulated passively designed home maintains a comfortable winter temp with solar hydronic heating and PV panels for electricity. Article includes links to video series documenting construction.

<http://www.earthtechling.com/2012/05/an-earth-shelter-for-the-ages-in-michigan/>
May 28, 2012



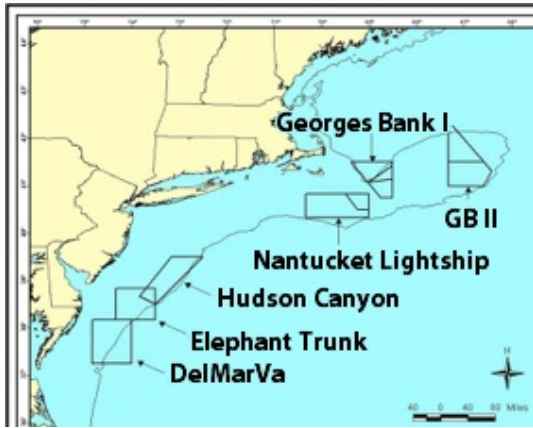
Chesapeake Bay oysters get new housing

dailypress



TidewaterCurrent 5.26.12 -
Chesapeake Bay Foundation volunteers manufacture hollow concrete balls for oyster restoration projects in the Lafayette and Piankatank Rivers. Oyster spat attaches to the balls and within months the balls are completely covered with oysters. Oysters filter pollutants from the water and the balls can also be used stabilize shorelines.

<http://www.dailypress.com/news/gloucester-county/dp-nws-cp-oyster-reef-balls-0526-20120521,0,1211589.story>
May 26, 2012



Virginia Institute of Marine Science - VIMS reports record number of young scallops in mid-Atlantic

vims.edu



TidewaterCurrent 5.23.12 - VIMS scallop survey finds unprecedented growth in Virginia's top commercial fishery. The fishery once over exploited, is now managed on a rotating basis, where some beds are closed when adult populations are below a predetermined threshold or there a a significant number of young scallops. It appears that management has been successful.
http://www.vims.edu/newsandevents/topstories/seed_scallop_record.php
May 25, 2012



Fish kills grow in algae-tainted waters

baltimoresun



TidewaterCurrent 5.23.12 - Baltimore, MD - Mass die off associated with Mahogany Tide (algae bloom) caused by worsening pollution of the Chesapeake Bay.
<http://www.baltimoresun.com/features/green/bs-gr-algae-fish-kill-20120523,0,5817762.story>
May 24, 2012



Trust for Public Land - Park Score -CITY RANKINGS - Virginia Beach #7

parkscore.tpl



TidewaterCurrent 5.22.12 - The City of Virginia Beach ranks number 7 in the Trust for Public Land's National Park Score Rankings (just behind Portland and before San Diego). Check the website for details.
<http://parkscore.tpl.org/rankings.php>
May 23, 2012



Petition is the first of many steps toward helping the Susquehanna River

pennlive



TidewaterCurrent 5.24.12 - Homeschooler posts petition to the US Senate to limit pollution in the Susquehanna River. Link to petition: <http://www.change.org/petitions/the-u-s-senate-declare-the-susquehanna-river-impaired-under-the-federal-clean-water-act#>
May 24, 2012



Edmonton Airport Unveils Massive Air-Cleaning Living Green Wall!

inhabitat



TidewaterCurrent 5.23.12 - 8000 hydroponic plants comprising 32 different species planted vertically over 1420 sq feet improve indoor air quality. <http://inhabitat.com/edmonton-airports-beautiful-new-living-green-wall-works-to-clean-the-air/>
May 24, 2012



How a White or Green Roof Can Keep Your Building Up to 84% Cooler This Summer

inhabitat



TidewaterCurrent 5.24.12 - Study conducted by Columbia University and the University of New York finds that a living roof was 60 degrees cooler than a black roof. They also improve air quality, reduce storm runoff, provide habitat and area aesthetically pleasing.
<http://inhabitat.com/nyc/how-a-white-or-green-roof-can-keep-your-building-up-to-84-cooler-this-summer/>
May 24, 2012



Net Zero Construction - Phipps Conservatory Opening Celebration of the Center for Sustainable Landscapes Today

phipps.conservatory



TidewaterCurrent May 23 - The new Center for Sustainable Landscapes opens today at the Phipps Conservatory in Pittsburgh. Lauded as one the greenest buildings on earth, the facility is utility independent. Capturing all it's energy and water and treating wastewater via constructed wetlands. The building has attained the highest green standards, including LIVING, LEED and SITES. - <http://www.post-gazette.com/stories/local/neighborhoods-city/center-for-sustainable-landscapes-at-hipps-conservatory-to-open-in-july-637162/> - View Photo Tour:
<http://www.popcitymedia.com/features/photophippsbldg052312.aspx> - Listing of all the green innovations at...
May 23, 2012



Chesapeake Bay watermen reel in 'ghost pots'

video.msnbc.msn



TidewaterCurrent 5.21.12 - MSNBC news clip - 60,000 crab pots are lost a year in the Chesapeake Bay and become death traps. A federal program is paying fishermen to remove the ghost pots. After 4 years, tens of thousands of pots have been removed and crab number are on the rise in the Bay.

<http://video.msnbc.msn.com/nightly-news/47505134#47505134>
May 21, 2012



Bluefin tuna protection is on the agenda for NOAA meeting

nola



TidewaterCurrent 5.21.12 - NOAA is considering fishery management of Bluefin Tuna. Meetings have been scheduled up and down the East Coast and the Gulf of Mexico to discuss tighter quotas, area closures or seasonal fishing policies.

http://www.nola.com/environment/index.ssf/2012/05/bluefin_tuna_protection_is_on.html
May 21, 2012