



Printed on 100% post-consumer recycled paper with soy ink.

- December 8 Waves of Action Recap
- NJ Coalition Defines Principles to Recover and Rebuild
- Enjoy Sailing into 2013 with Christopher Cross

January 2013 Highlights

- TAKE 3 ACTIONS TO HELP YOUR OCEAN:**
1. Sign up for the "Wave of Action" Day For the Shore on January 19.
 2. Attend social events to benefit communities effected by Hurricane Sandy.
 3. Support coastal businesses.

Clean Ocean Action
 18 Hartshorne Drive, Suite 2
 Highlands, NJ 07732
 732-872-0111
 www.CleanOceanAction.org
RETURN SERVICE REQUESTED



TRIBUTES

- In honor of Raymond Dodd*
- In honor of John Hughes*
- In honor of Ann and Mark Lythgoe*
- In honor of employees at Metallix Refining, Inc.*
- In honor of Ken Meyers*
- In honor of Irene Montella*
- In honor of Nicole Pavlin's 35th Birthday*
- In honor of Jaclyn Shapiro's Bat Mitzvah*
- In honor of Barbara Yeninas*

- In memory of Dery Bennett*
- In memory of Sue Dunham*
- In memory of Richard Ellwood*
- In memory of Mary Ross*

UPCOMING EVENTS

- Thursday January 17:**
Christopher Cross performing at the Two River Theater in Red Bank
A portion of the proceeds will be donated to COA's work for Hurricane Sandy relief. Tickets are available online at www.trtc.org.
- Saturday January 19:**
Waves of Action Day
Join COA at various locations across New York and New Jersey to help those affected by Hurricane Sandy (See page 4 for more information).
- Saturday January 26:**
Asbury Park Beerfest
Enjoy a beer festival with a portion of the proceeds benefitting Clean Ocean Action at Convention Hall in Asbury Park. Two sessions: 12-4 PM, 6-10 PM. Visit www.asburyparkbeerfest.com for more information.

SEASons Greetings!

2012, the year of the Water Dragon, is coming to a close. What a challenging year it has been defending the ocean. Clean Ocean Action extends our sincerest thanks to all of you for your dedication.

The wake of Super-storm Sandy leaves behind shattered communities and devastated debris-filled shorelines, but the strength, spirit, and tenacity of the people are of the coast are resilient. Already communities are coming back, wiser and with more respect for the power of mother nature. Together we can comeback even better than before.

The inspiring support from around the state, nation and world has been inspiring; tales of volunteerism and generosity are truly remarkable.

Clean Ocean Action has also received an outpouring of support from many of you. Founders have also stepped up support to our plan to help restore the shore (see insert), and we are grateful for their support during this time of need and rebirth.

The work to restore safer and better will be extraordinary and your continued support is essential. You all are the ocean's first line of defense and are essential in protecting the water, marine life, and quality of life of New Jersey and New York. We wish you and your families a happy and healthy New Year and look forward to working with you in 2013!

DECEMBER 8 WAVES OF ACTION A SUCCESS!



After the initial recovery from the devastation caused by Super-storm Sandy will be the long journey toward restoration of the shore. As coastal citizens, businesses and communities move forward, it is essential to implement resiliency and sustainability—restoring safer, better, greener, and bluer coasts. By implementing green development projects, we will ensure cleaner, bluer waters for the future. Clean Ocean Action has launched a program that will provide a long-term forum for such projects. To help, Clean Ocean Action initiated a program called Waves of Action for the Shore, a monthly day of service to match needed projects with volunteers. The website ForTheShore.org was created as a platform to connect people with projects in the aftermath of Sandy.

The first "Wave of Action" was held on December 8th coordinating 40 over 1200 volunteers and 40 projects in 2 states across 30 towns along the devastated NY/NJ coastline. Visit the website ForTheShore.org to see a slide show of the day's events. Some of the highlights include:

- Nearly 200 volunteers gathering in Sea Bright to help clean the beaches and community.
- Over 50 volunteers cleaned flooded houses and were joined in Hoboken by Chadwick Stokes, musician and lead singer of State Radio.
- Over 275 volunteers gathered at Cattus Island to clear debris from its beaches and woods.
- Beach cleanups included: Cape May Harbor, Atlantic City (ocean & bay side), Beach Haven, Cattus Island, Shark River, Manahasset Creek, Bayshore Waterfront Park, Popamora Point, Long Branch, Loch Arbor, Allenhurst, Sea Bright, Maple Cove in Red Bank, and Ideal Beach in Union Beach, New Jersey and Jones Beach and Coney Island, New York.
- Community Cleanup projects included: Seaside Heights, Belmar, Loch Arbor, Elberon, Sea Bright, Highlands, Union Beach, Keansburg, and Hoboken.
- Over 20 residents participated in a dune restoration project in Midway Beach, Seaside Park.
- Over 20 volunteers helped cleanout McLoones Restaurant in Sea Bright.
- Over 30 volunteers helped clean out the devastated Work Opportunity Center for The Arc of Monmouth County. This center provides people with intellectual and developmental disabilities with job opportunities.
- Over 30 volunteers assisted individual homeowners clean out their flooded houses through New Jersey.

The second "Wave of Action" is planned for January 19th. To volunteer or propose a project, sign up at www.ForTheShore.org. For more information please contact Tavia Danch or Zach McCue at (732) 872-0111. Also see the enclosed flyer. Please make copies and share with friends on Facebook or Twitter.

CITIZEN ACTION

Zach McCue, Citizens@cleanoceanaction.org

NJ Bill to Reduce Carryout Bags and Fund Barnegat Bay

The NJ Senate and Environment Committee passed Senate Bill 812, the "Carryout Bag Reduction and Recycling Act." The bill provides financial incentives to reduce the number of paper and plastic carryout bags distributed by stores and directs the funds generated toward improving water quality in Barnegat Bay. While supporting the bill in general, COA urged that for the first 5 years, a substantial portion of the proceeds support removing the massive debris fields throughout NJ's marine environment caused by Super-storm Sandy. For a full story and copy of the bill, go to COA's website; cleanoceanaction.org

The bill, sponsored by Senator Bob Smith, Chairman of the Committee, would require the operator of every convenience store, drugstore, supermarket or retail establishment that provides carryout bags to its customers to implement a \$0.05 fee for every carryout bag distributed beginning January 1, 2014. Additional incentives encourage customers to bring reusable bags as well as other incentives.

Plastic bags are a bane to the environment, and they are harmful to marine life through ingestion or entanglement. COA's Beach Sweeps have collected thousands of bags off beaches, but many end up in the ocean to impact marine life. In 2010, a grey whale stranded in Washington state with over 20 plastic bags and many other plastic items found in its stomach.



Photo Credit: Alejandro Fallabrino of IUCN Marine Turtle Specialist Group, Uruguay

SCIENCE AND POLICY UPDATES

Heather Saffert, Ph.D., Science@cleanoceanaction.org
Sean Dixon, Esq., Policy@cleanoceanaction.org

Oil Still Seeping from Site of BP Drilling Well Blow-out

In September, oil sheens were observed in aerial imagery in the vicinity of the BP oil well that had exploded back in 2010. Testing was done and confirmed that the oil was from the containment dome at the site. Efforts were made to plug the leakage mid-October. However, oil sheens continue to be seen in satellite images.

Document BP Disaster Impact on Marine Life

New laboratory studies following the BP Oil Disaster in the Gulf of Mexico have shown that even very low exposures to oil kill fish embryos and hatchlings or causes major deformities that reduce their ability to function, and affects swimming speeds and ability to survive. Tested fish included tiny killifish to large tuna—which were in their spawning season when millions of gallons of oil gushed into the Gulf. Weathered oil, though less available to sea life, was shown to become more toxic with time.

In addition, the toxic effects of sunlight were intensified by the oil (consider applying baby oil instead of sunblock). The eggs of mahi mahi and blue crab, some of the most sensitive species, had much lower fertilization success in presence of very low amounts of oil and sunlight. The sunlight increased the sensitivity to oil by 20 times which raises concerns that other laboratory studies of oil toxicity may underestimate the actual damage done in the environment. The Gulf and its marshes serve as important nursery areas for sea life and the impacts of the spill will be long-lasting.

SCIENCE AND POLICY CONT.

Heather Saffert, Ph.D., Science@cleanoceanaction.org
Sean Dixon, Esq., Policy@cleanoceanaction.org

President Obama Establishes a Hurricane Sandy Rebuilding Task Force

In early December, President Obama took action to ensure that federal agencies recognize the dangers and risks inherent in living along vulnerable coastlines, by creating a Hurricane Sandy Rebuilding Task Force. This Task Force was formed "to provide the coordination that is necessary to support" objectives like updating infrastructure, making communities more resilient, and preventing similar devastation from future storms. This Task Force, which will be mostly comprised of the President's Cabinet, was committed by the President "to support economic vitality, enhance public health and safety, protect and enhance natural and manmade infrastructure, and ensure appropriate accountability." The Task Force will complete a report by next summer, written by federal agencies with the input of state government, that lays out the federal government's plans for rebuilding the NY/NJ region.

NJ Coalition Defines Principles for How to Recover and Rebuild

Environmental groups in New Jersey came together in the weeks after Hurricane Sandy as one unified voice to call for a safe recovery, a green rebuild, and a thorough restoration of New Jersey's communities and ecosystems. Recent extreme weather exposed the vulnerabilities of many communities and the inappropriateness of many building codes, land use plans, infrastructure programs, and regulations. Under the Coalition's guiding principles – released alongside a letter to Congress demanding that "green" strings be attached to rebuilding funding – the New Jersey environmental community called for transparent decision-making, an involved public, resiliency targets, public health protections, improved communication, and the consideration of widely-known climate and environmental projections in all reconstruction decisions, among other things. As one of the lead members of this Coalition, Clean Ocean Action is using these principles to ensure that chronic pollution sources (like stormwater systems and debris) are reduced, and that new pollution points (like offshore oil drilling and LNG ports) do not threaten the ocean.



Rain Garden. Photo Credit: http://www.stewardshippartners.org/raingarden_central.html

Sandy's Pollution Wake

COA is concerned about the toxins that were released into the environment through the impacts of Sandy. The largest spill in a decade occurred in the Arthur Kill with the release of 380,000 gallons of diesel fuel that affected many marshes in the area. Sheens were visible throughout the waterway and seepage from contaminated land areas were also evident. There were numerous boats and fuel tanks that were set adrift or marooned along the shoreline or in coastal waters. Cars were flooded and oils that accumulated in tunnels and subways were pumped into the Hudson Estuary. COA is seeking more government assessments about where contamination likely occurred and more monitoring to identify polluted areas where possible. Although very different than the BP disaster, Sandy's storm surge did result in the release of fossil fuels from many sources. Also, the post-BP studies, that show even low amounts of oil can be damaging, raise concerns for sea life in our coastal waters.

EVENTS

Emily Hackett, events@cleanoceanaction.org

Enjoy Sailing Into 2013

Waves of thanks to Music Works for organizing this wonderful event. Visit trtc.org to purchase tickets.


ASBURY PARK BEERFEST

AT CONVENTION HALL
January 26, 2013

CHEERS TO BEERS
please drink responsibly

**AN INTIMATE EVENING WITH
5 TIME GRAMMY WINNER**

**CHRISTOPHER
CROSS**



**THURSDAY
JANUARY 17**

Two River Theater
21 Bridge Ave. Red Bank, NJ

Hit Singles Include:
"Sailing,"
"Ride Like the Wind,"
"Best That You Can Do"
"Never Be the Same"

Tickets Available At
www.trtc.org, 732-345-1400
or at the box office.



Sponsor and VIP Tickets
Rusty@musicworks-ent.com

MUSICWORKS
MAKING A DIFFERENCE THROUGH MUSIC

TWO SESSIONS
12p-4p \$30 ADVANCE
6p-10p \$35 DOORS

TICKETS available @ Ticketmaster.com, State Pony and AP Boardwalk box offices.

MORE INFO APBoardwalk.com
AsburyParkBeerfest.com

PRESENTED BY  

**A PORTION OF THE TICKET SALES
WILL BE DONATED TO SANDY RELIEF.**

Give the gift of
a clean ocean.
Make your yearly
donation in a memory
of a loved one.
Donate today.

Clean Ocean Action
18 Hartshorne Drive, Suite 2
Highlands, NJ 07732
www.CleanOceanAction.org