

Making Waves

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SPECIAL
OIL
ISSUE

GULF SPILL
COVERAGE INSIDE



SELLING OUR COASTS FOR A TOP-OFF IN 2020

Letter From the CEO

In an over simplistic sense, that's how I look at the recent decision to open up our coastlines for offshore drilling. Let me explain by talking about the two major points in my title. Let me also be clear, I'm going to focus on the economic argument of our coasts. I'd be the first one to state that the true value of our coastlines is not captured in an economic model. That said; let's talk dollars and cents.

First let me address "selling our coasts."

Let's establish the value side of the equation:

\$7.9 trillion

This is the contribution to the Gross Domestic Product of the 673 U.S. coastal counties, this is over half of the total U.S. GDP in 2007.

69 million

Total number of jobs in the coastal counties of the U.S. in 2007

2

This is the global GDP rank (behind the U.S.) of the coastal counties, if considered an individual country.

210,000

The number of gallons of oil a day spilling into the Gulf of Mexico from the Macondo Well; fouling the coasts of at least three states, and impacting an area responsible for 25% of America's total seafood production.

Does that make you pause? It should. We tend to take our coasts for granted. We don't think of them as the second largest valuable entity on the planet as the above statistics suggest.

Ok, so that establishes the value but are we really "selling" our coasts? I define a sale if I can point to a distinct transaction and share details of the transaction itself. Google "offshore drilling rights" and sort the "news" column. You'll quickly get the gist of all the transactions that have taken place and are in the midst of taking place.

One last point on the sales side: today we export some of the oil we drill in the United States. We export between 350 – 400 million barrels of oil AWAY from the U.S. annually. I don't think we should be naïve enough to think that the oil that is drilled here will stay here, as that's not the case today.

Now let me address the second half of my title, "... for a top off in 2020."

Recent government reports are putting the total amount of oil, assuming ALL offshore drilling that is possible takes place, will deliver somewhere between 1 – 4% of our national needs.

So, there is a tiny amount of oil to be gained by putting our massive coastal economy at risk.

The essence of my second point is timing. Our federal government says that new offshore drilling will not yield a single drop of oil for over a decade. Over a decade!

So from my seat this IS a fairly straightforward equation, especially when looking at it as a strictly economics-driven trade off. We're taking one of the most valuable assets we have in the United States, and selling rights to pop oil rigs into the water... in exchange for a tiny return on investment.

For more on this subject and to stay current please visit our offshore drilling blog NotTheAnswer.org

Jim Moriarty

CEO, Surfrider Foundation

Source for stats: NOAA's State of the Coast, 2009 and IMF, 2009; University of Florida, 2005 Cover Photo: taylorspics

OIL SPILL IN THE GULF OF MEXICO



On April 20th an explosion rocked the Deepwater Horizon rig, which was situated 40 miles off the Louisiana coastline. The rig, owned by Transocean and leased by BP, burned for nearly a day before sinking. 11 lives were lost in the disaster.

Almost immediately oil began to spread out from the accident site. While oil company officials initially claimed that the oil was residual fuel from the rig, it soon became apparent that the slick was emanating from breaches in the Macondo Well site, some 5,000 feet below the ocean surface. Eventually U.S. Coast Guard officials would determine that the spill, actually comprised of three separate breaks in the pipeline, was leaking at least 210,000 gallons of oil a day.

The slick grew quickly. Ten days after the explosion the spill was the size of West Virginia and poised to reach the sensitive Louisiana coastline. Response teams tried in vain to control the spill with containment booms, but to no avail. BP tried several different tactics to stop the spread, including lighting the surface oil on fire and dropping a "dome" over the leaks, but nothing worked. By May 10th, twenty days after the accident, the slick had reached three states – Louisiana, Mississippi and Alabama – covering the shorelines with a sheen of light oil and tiny globules of tar-like crude.

Beyond the obvious environmental threats, immediate concern centers on the gulf's commercial and recreational fishing industries. In the days following the spill, NOAA closed significant expanses of the Gulf to fishing, effectively shutting down 25% of country's commercial fishing operations. The closure also impacts the region's tourism and recreational industry, which provides \$41 billion in revenue annually for Gulf States.

While devastating, the Gulf spill has the ability to be a game changer in the offshore drilling debate. Following the February announcement by Interior Secretary Salazar that opened the door to new drilling and exploration, the Surfrider Foundation was facing fighting battles on a state-by-state basis. However with Gulf catastrophe continuing to unfold, there is a renewed opportunity to press President Obama and Congress to restore the federal moratorium on offshore drilling.

For current information on the Gulf spill and Surfrider Foundation's efforts to stop new offshore drilling, visit www.nottheanswer.org.



OIL DRILLING

A National Perspective

By: Chad Nelsen

On March 31st, the Obama administration announced a new plan to allow offshore drilling and exploration in federal waters in the mid-Atlantic, South Atlantic, eastern Gulf of Mexico and the north coast of Alaska. This announcement marked a major rollback in federal ocean protection and the reversal of our domestic offshore drilling policy for the first time in almost 30 years.

In 1982 Congress imposed a moratorium on federal offshore drilling and exploration. An executive oil drilling moratorium was put in place in 1990. The moratoria maintained bipartisan support over the years until gas prices spiked during the summer of 2008 and offshore drilling became a partisan election year issue. During the fall of 2008 both moratoria expired, opening the potential for new offshore drilling.

Offshore oil drilling in federal waters is currently overseen by Secretary of the Interior Ken Salazar and is regulated by the U.S. Department of the Interior (DOI) and Minerals Management Service (MMS) through a 5-year planning and leasing program. On his last day in office George Bush's administration proposed a new MMS 5-year lease plan which included areas on all coasts with the exception of Oregon and Washington.

The new plan announced by Obama affects both the current 2007-2012 lease plan and revises the 2012-2017 plan. The 2007 plan most notably proposed a lease sale off the coast of Virginia (a plan previously halted by our Virginia Beach Chapter in 2006) and a number of locations in Alaska. The 2012 plan includes exploration of the mid and south Atlantic lease areas using seismic testing. It also proposes to open an area 125 miles off the gulf coast of Florida.

The Surfrider Foundation is opposed to new offshore oil drilling and Obama's new plans because the plans pose many environmental threats to our coasts with little to gain.

Oil spills from rigs and pipelines are the most obvious and potentially catastrophic threats from oil drilling. As the massive spills from a brand new rig in the Timor Sea last fall and a recent pipeline spill in Louisiana demonstrated claims that new technology is 100% safe are unfounded.

Further, offshore oil drilling requires a major industrialization of our offshore waters and coasts. Platforms, rigs and pipelines may impact marine life and drilling emits contaminated sediment spoils that contain heavy metals. Coastal infrastructure must also be built to support the drilling and storage of oil, and become pollution threats when hit by hurricanes as was demonstrated in 2005 and 2008 when Hurricanes Rita and Ike came tearing through the Gulf respectively.

Seismic testing for exploration, which is analogous to the controversial military sonar testing that harms fish and mammals, also poses threats to marine life.

For all the risk, new offshore drilling will not reduce prices at the pump or our dependency on foreign oil.

As a coastal environmental organization, we don't believe we should support threats to the coast in the name of political compromise. We remain committed to protection of our oceans, waves and beaches.

Regardless of your position, it's clear we are entering a new era of offshore drilling and exploration, one that will surely drive lively debate. Keep tabs at: <http://www.nottheanswer.org>

The federal waters of the United States extend from 3 miles to 200 miles offshore. This area is also known as the Exclusive Economic Zone (EEZ).

OFFSHORE DRILLING WILL ALLOW AMERICA TO WEAN ITSELF OFF FOREIGN OIL

The United States is far and away the world's largest consumer of oil - churning through 20.7 million barrels a day. By stark contrast, the U.S. only produces 8.3 million barrels a day. According to Robert Kaufmann, Director of the Center for Energy and Environmental Studies at Boston University, offshore drilling will produce at most, an additional 2 to 4 million barrels a day. Meaning that the United States would still need to import approximately 8.4 million barrels a day.

MYTH

1



By: Stefanie Sekich

Some say the massive oil spill that took place off the coast of Santa Barbara in 1969 was the impetus for the modern-day environmental movement. It has been widely written that the spill, and its devastating environmental impacts, turned public opinion against offshore oil drilling and birthed the state's coastal environmental movement.

When the Obama Administration announced earlier this year that they would open up areas along the East Coast, the Gulf Coast, and Alaska for 'exploration and drilling,' many Californians felt relieved that the state was not listed among those areas slated to be opened for new drilling. Still, just because California was not listed under the Obama Administration plan, did not mean its coastlines are immune from the threat of drilling.

In February, Assemblyman Chuck DeVore (R-Irvine) introduced legislation that would allow new offshore oil drilling in California waters. The bill

would "consider [new] lease applications for the extraction of oil in state waters from existing offshore facilities... and/or new onshore facilities." Word of the bill spread quickly through both the state's environmental and business communities. Many community leaders expressed concern that not only would new drilling pose a threat to the marine ecosystems, it directly threatened California's \$43 billion ocean economy, most of which is derived from fishing and tourism.

Fortunately, on the eve of the 40th anniversary of Earth Day, California's leadership sent a strong message that new drilling will not spoil our coastlines. The Natural Resources Committee defeated the DeVore Bill.

Gina Goodhill, ocean advocate with Environment California who is working with the Surfrider Foundation to raise awareness about offshore drilling threats in California, sums it up best following the announcement from the Committee, "We have said it before and we'll say it again: we do not want new drilling in our state."

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VICTORY IN OREGON



By: Gus Gates

In March 2010, the Oregon State Legislature passed and Governor Kulongoski signed HB 3613 into law, restoring the moratorium on offshore oil and gas drilling within Oregon's Territorial waters (0 – 3 nm) through 2020. Championed by Representatives Ben Cannon and Deborah Boone, HB 3613 originally began the legislative session as a permanent ban, but was amended to sunset in 2020 in efforts to broaden support. A diverse coalition of conservationists, fishing groups, businesses and legislators came together to support this bill and reaffirm Oregon's commitment to Statewide Planning Goal 19 to protect ocean ecosystems, conserve biodiversity and important habitats, and give preference to renewable uses of our ocean. The Siuslaw, Newport and Portland Chapters actively supported this bill with many letters to the Legislature, op-ed pieces in local newspapers, and working with businesses and organizations to sign the letter of support. Although the quantity of oil and gas in Oregon's waters is scarce, the passage of this bill makes it crystal clear that offshore drilling in Oregon is not the answer. In a time when many other states are looking at opening up their coastal waters, Oregon is sending a strong message to its Federal delegation that the health of our coastline and environmental legacy is more important than short term economic benefits.

MYTH 2

BY ALLOWING OFFSHORE DRILLING, AMERICANS WILL FINALLY GET SOME RELIEF AT THE PUMP

Not according to a February 2007 report by the U.S. Department of Energy. According to them, we wouldn't see any effects on prices or supplies from offshore drilling for at least ten years ...if ever. What's more, in 2008 the Department of Energy's corroborated findings from the Washington D.C. based think-tank Center for Economic and Policy Research, which found that if Congress "had continued to increase fuel efficiency standards over the last 22 years, we would currently have more than sixteen times the savings in oil consumption than what Senator McCain's plan promised to accomplish in 20 years by drilling offshore in protected areas."

NOT THE ANSWER NORTH CAROLINA

By: Matt Walker

Slowly but surely. Over the past 12 months, the Outer Banks Chapter has chipped away at getting Dare County to restate their position against offshore drilling. Rather than highlight the many environmental concerns, the "Clean Beaches = Healthy Businesses" Campaign sticks to strict economics, answering Big Oil's promises of "more jobs and money" by explaining the revenue and employment opportunities a dirty beach will put at risk. (In 2007, tourism alone accounted for 11,000-plus jobs and \$777 million — that's an extra 5,000 jobs and \$200 million more than Big Oil is promising the entire state after 30 years.)

So far, the campaign has worked with both natives and visitors. Volunteers signed up more than 2,000 individuals from across the world and 200 Dare County businesses just last summer — all saying offshore rigs would ruin the natural appeal of this pristine stretch of coast. Unfortunately, state, county and local politicians still need some convincing.

Five years ago, the county and all its individual towns wrote strongly worded resolutions opposing drilling and encouraging green technology. Furthermore, Governor Beverly Perdue — a democrat — ran on a no-drilling platform in 2008.

Since then, the county has softened their positions and so has Perdue. Appearing at a wind energy meeting Cape Hatteras, she expressed the urgent need to pursue wind energy — while simultaneously refusing to take drilling "off the table." Instead, she's enacted an energy subcommittee to pursue "all the options."

As a result, formerly opposed entities like the Outer Banks Chamber of Commerce and Town of Kitty Hawk are claiming it is too soon to take a position, preferring to wait for the state to release its findings in the next year. Meanwhile, powerful lobbies like the Farm Bureau are already pushing the state to "drill, baby, drill."

The good news? Towns like Duck and Nags Head — alongside the Outer Banks Visitor's Bureau — all adopted Surfrider's resolution to stop any petroleum exploration off the coast over the past six months. And the chapter is continuing to pursue the surrounding towns in hopes that some "ground up" political action on land can keep Big Oil from pillaging our natural resources — and sinking North Carolina's coastal economies and environments.

In 2008, sales for Exxon Mobil surpassed \$400 billion, helping them post a \$40.6 billion profit (the most of any American business).



THERE IS POWER IN NUMBERS

THE MORE SUPPORT FROM SURFRIDER FOUNDATION MEMBERS THERE IS, THE LOUDER OUR COLLECTIVE VOICE WILL BE TO STOP OFFSHORE DRILLING ON OUR BELOVED COASTS. YOUR SUPPORT TODAY WILL SEND THE MESSAGE THAT OFFSHORE DRILLING IS NOT THE ANSWER AND IT WILL NEVER BE WORTH THE RISK TO OUR COASTS.

WWW.SURFRIDER.ORG/NOOILDRILL

ADVANCES IN DRILLING TECHNOLOGY HAVE MADE OFFSHORE DRILLING SAFER FOR THE ENVIRONMENT

As evidenced by the recent disaster aboard the Transoceans rig Deepwater Horizons in the Gulf of Mexico, and last year's loss of the West Atlas rig in Australia, even the most technologically advanced drilling platforms are susceptible to failure, often with catastrophic results. Moreover, all new or existing offshore drilling efforts along the Eastern and Gulf Coasts remain subject to damage from powerful tropical storms, such as Hurricanes Katrina and Rita, which destroyed a total of 113 platforms in 2005, spilling 741,000 gallons of oil directly into the gulf.

MYTH

3

FLORIDA

OIL



By: Ericka D'Avanzo

Florida's coastline is an essential component of the state's identity and wellbeing. With 8,500 miles of tidally influenced coastline and 825 miles of sandy beaches, much of Florida's economy is dependent upon its coastal environment. However, this environment is facing enormous threats from two years of proposed state legislation that would allow drilling within Florida state waters. Beginning in April 2009, a full court press was made on Florida's Legislature to allow oil and natural gas companies to drill between 3 and 10 miles off of Florida's coastline, reversing a 19-year-old ban on drilling. While they didn't succeed out right, these companies in 2010 are back again, continuing to build momentum with the support of the incoming 2011 House and Senate Leadership.

Currently, 90 million acres of federal lands are leased to oil companies with less than a quarter being used for oil and gas production. The U.S. Energy Information Administration has stated that increasing "access to the Atlantic, and eastern Gulf regions would not have a significant impact on domestic crude oil and natural gas production or prices before 2030." The entities that are proposing drilling have concurred that the price at the pump will most likely be unaffected even 20 years down the road.

Any potential impacts of drilling off our coasts would be detrimental to a multitude of industries. Florida's tourism numbers show that, in 2008, visitors spent \$65.2 billion, and Florida collected \$3.9 billion, in total tourism sales tax revenues. The proposed \$3 billion dollar oil drilling revenue is speculative at best, and not worth jeopardizing these industries and the fragile coastal and estuarine environments. Florida, like Gulf Coast states, is in the direct path for hurricanes and must also consider the impact of these storms on oil rigs and pipelines.

Hurricanes Katrina and Rita damaged or destroyed 113 oil platforms, 457 oil pipelines, and caused 124 offshore oil spills in the

Gulf

of Mexico.

More than 9,000,000

gallons of oil were spilled

from onshore tanks and pipelines as a result of just these two storms. Recovery from these spills will take years and cost millions of taxpayers' dollars.

On Feb. 13, 2010, to help bolster public awareness on this heated debate, Surfrider chapters and other partnering organizations hosted "Hands Across the Sand," the largest gathering against any proposed legislation allowing oil drilling in the history of Florida. It was a statewide opportunity to "draw a line" in the sand against the devastating effects that oil drilling would have on our beaches, tourism, and way of life. In addition, dozens of city and county governments – from Cocoa Beach to Clearwater and the Keys to Destin – continue to pass resolutions against opening Florida state waters to oil drilling.

A closer look at all the facts proves hands-down that drilling is shortsighted, reckless, and simply not worth the economic or environmental risk. We are currently optimistic that the oil lobby can be held off for one more year, but the 2011 Legislative Session will be the fight of our life to hold off these efforts.

Please share this with other citizens and with elected representatives who may be studying the issue. Visit www.notttheanswer.org and www.protectfloridasbeaches.org to learn more how you can get involved by letter writing, calling, help pass local resolutions and stay tuned for the next Hands Across the Sand event in your area.

MYTH 4

OFFSHORE DRILLING ONLY POSES A THREAT TO THE ENVIRONMENT IF THERE IS A SPILL

Offshore drilling poses a threat to marine environments in many ways, including the introduction of drilling fluid additives into the environment, which can harm or kill fish and other marine life. Drilling muds also routinely discharge toxic metals such as lead, mercury and cadmium into marine environments, and produced water contains dangerous levels of radioactive materials and carcinogens. Another point of concern is the seismic testing associated with offshore drilling exploration, the impacts of which can be devastating to marine mammals and other sea life.

WHAT CAN YOU DO?

Help circulate 'action alerts' directed at decision makers
<http://www.surfrider.org/action.asp>



Work with Surfrider Foundation to help pass local city resolutions opposing oil drilling; and help us identify businesses and Chambers of Commerce that oppose offshore drilling.



Call your local elected officials and ask them to oppose offshore oil drilling.



Set up district meetings with elected officials to constantly apply pressure.



Write Letters to the Editor, blogs, Twitter, and Facebook about the threats of offshore oil drilling (become armed with the information: <http://www.surfrider.org/nottheanswer/factsheet.pdf>)



Motivate your friends and family to think critically about offshore drilling



Contact your local Surfrider Foundation Chapter to learn about other ways you can get involved.



YOU'VE HEARD THE ISSUE, NOW GET INVOLVED

THE ECONOMIC IMPACTS OF OFFSHORE DRILLING OUTWEIGH THE RISKS

Our nation's coastlines are huge economic engines that drive large sectors of the national economy, including fishing and tourism. Domestically, beach traffic drives in excess of \$30 billion annually. Coastal recreation and fishing add another \$10 and \$26 billion, respectively. Can you imagine what the impacts would be if we saw a spill akin to the 1969 Santa Barbara event along the Florida coastline?

Drill Virginia? No Way, No How!

By: Eileen Levandoski
of the Sierra Club

Our beloved Atlantic coast is the backbone of our coastal economies, generating billions of dollars in revenues from tourism, recreation and commercial fishing. For nearly 30 years, Congress and successive Presidents have recognized the value of our coasts and maintained a ban on new drilling in the Atlantic.

Unfortunately, politics were behind President Obama's decision to open up to drilling the southern portion of the Atlantic Ocean from Delaware south. But while the "Drill, baby, drill" crowd in Virginia celebrates today, it will be the Obama administration's ultimate decision - returning science to policy making - that will prevail before any drilling starts.

In the heated debate over offshore drilling, Virginia policy makers have only considered pie-in-the-sky dreams of alleged revenues and jobs. They have largely ignored the coastal environment and economies that would be subjected to potential harm from selling off Virginia's coast. Lost in the rush to auction off Virginia by 2011 is the realization that information on the possible effects of Atlantic drilling is "30 years out of date," as Interior Secretary Ken Salazar points out.

Large data gaps exist when it comes to endangered and protected species, fish and fisheries, the biology of the ocean floor, the diverse ecosystems found in Virginia's offshore ocean canyons and coral reefs, as well as the physical and geological oceanography.

The need for this essential analysis has already pushed back the timeline for Virginia's potential lease sale from 2011 to 2012. "Environmental studies are needed, as well as more input from the military about the possible impact of drilling for oil and natural gas in waters used for Navy training," said Sec. Salazar recently.

The more we get to know about Virginia's sensitive coastal environment the less likely we are to see any drills. That study will take time, which allows us to build larger coalitions united in opposition to drilling. We need to re-double our efforts and see thousands more Virginians united in our call for "No Drilling Virginia! No Way, No How!"

Join Sierra Club and Surfrider Foundation in drawing a human line in the sand to protest drilling off our Virginia coast. Mark your calendar now for "Hands Across The Sand" on **Saturday, June 26th in Virginia Beach.**

People of all walks of life are coming together to draw a human line in the sand, coming together to lock "Hands Across the Sand" in protest to offshore drilling. This movement is not about politics; it is about protection of our shoreline, our waterways, our tourism, our coastal military missions and our valuable properties.

"Hands Across the Sand" is quickly growing as a movement across the U.S. after first starting in Florida earlier this year when over 10,000 Floridians locked hands over 75 beaches in protest to drilling. We need our Virginia "Hands Across the Sand" event on June 26 to be just as successful to send a strong and mighty message to both Richmond and Washington, DC that Virginians don't want drilling.

Our national treasure that is the Chesapeake Bay, our sensitive coastal wetlands, and our highly lucrative tourism and fishing industries are completely dependent on clean beaches and healthy ocean waters. We must appreciate the bounty we have in coastal Virginia and how much we stand to lose if oil drilling were to occur.

The modern method of oil drilling was invented by Edwin Drake in 1859 and is still being used today.

MYTH

5

East Coast

By Ed Mazarella

The **Connecticut Chapter** is gearing up for its Rise Above Plastics campaign with the generous support of a \$4,000 grant from Patagonia. The campaign kicked off with a RAP presentation by chapter members for Lyman High School's senior class, and in the next phase, students are training to do RAP presentations for peers at other schools. Funding will provide free reusable shopping bags with the RAP pledge and stickers, as well as purchase reusable canteens to discourage the use of plastic water bottles. The Chapter strives to help reduce the enormous amount of plastic bags and bottles that are polluting Connecticut waterways including Long Island Sound. For more information on ways to volunteer for the chapter RAP Campaign please visit www.surfrider.org.



Osprey ice sculpture @Brown Uni.

The **Rhode Island Chapter** brought the Rise Above Plastics campaign to Providence in a most interesting way. Plastics found during local beach cleanups were embedded in ice sculptures of coastal birds. After the birds melted, all that remained was the plastic, which brought the message home to the thousands who viewed these sculptures downtown and on Brown, and Johnson & Wales campuses that plastic does not go away. A TwitPic contest added to the buzz in the social media realm. Art in Ice created the sculptures and **Tori Deetz** organized the events.

The **South Jersey Chapter** did a beach clean up with the Pick Up Posse in Ventnor with almost fifty people in attendance. The Chapter continues their Big Wednesday series of events with a fun filled night at Hibiscus in Somer's Point. The Chapter is emphasizing their campaign to ban plastic bags in Ocean City at all of their events.

In the fall of 2009, high school sophomore **Chris Rusbuldt** founded one of Surfrider Foundation's first High School Clubs at the Collegiate School of Richmond, Virginia. Despite being 125 miles from the coast, 52 students joined the club in its inaugural year, raising over \$1,000 in membership dollars for the Surfrider Foundation. This March, the **Collegiate School Surfrider Foundation Club** brought the award winning environmental awareness film "Fuel" to campus, which was attended by over 130 students, faculty, and parents. The club also meets twice a month to discuss coastal environmental issues, and plans are in the works for the club to travel to Virginia Beach this spring for beach cleanups in addition to local cleanups along the James River. Thank you to Collegiate School faculty advisor, **Alex Peavey** for his assistance in establishing the club.

Late last year we celebrated our **Washington DC Chapter's** plastic bag fee campaign victory. The legislation created a 5-cent fee on all plastic bags used in the District. The first assessment of how the new law is working is now available. The D.C. Office of Tax and Revenue estimated that food and grocery establishments gave out about 3 million bags in January. Before the bag fee took effect Jan. 1, about 22.5 million bags were being issued each month in 2009. That's an 86% drop in usage per month while still generating \$150,000 to the newly created Anacostia River Cleanup Fund, which will spend the revenue on various clean up projects.

The **New York City Chapter's** Core Volunteer Training – the first one ever on the East Coast – was a great success, drawing in twenty-three people and signing up five new members. Sadly, the Chapter bids farewell to **Adam Weiner** and **Lauren Winters**, who served as treasurer and merchandise czar respectively. They moved out west, and we suspect they will appear again in the West Coast Chapter News soon.

The **Jersey Shore Chapter** recently held their biggest and best "Stokefest" ever at the Stone Pony in Asbury Park. **Kate Catinella** organized this year's event, which is the Chapter's way to usher in spring. Six bands helped the cause this year donating their time and music to make the night successful: The Verdict, The Glimmer Grass Band, P-Dub Assassins, Matt O'Ree, and Quincy Mumford. The Chapter also used the event to kickoff their new campaign regarding ocean illness (www.njcoastillness.org), as well as highlighting the local campaign to halt development on Asbury Park beach (www.saveasburypark.com).



Quincy Mumford (left) plays Stokefest

Pacific Northwest

On the first day of spring the **South Sound Chapter** along with the Tacoma Sports Commission, the City of Tacoma, and Metro Parks, hosted the 1st Annual Great Place Paddle Race along Tacoma's famed Ruston Way. The purpose of the event was to raise awareness of water quality issues and raise funds for the chapter's new BWTF lab. In the past there have been various oil and sewage spills that have wreaked havoc on the Thea Foss Waterway. Local businesses were in full support of the day's paddle race; donating food, swag and hotel stays for participants. Twenty-seven paddlers entered the race. We had kayakers, prone paddlers, and stand up paddlers of all abilities enjoying the day. To view the entire list of sponsors and see pictures from the race visit www.surfrider.org/southsound/gppr.php. Thanks to member **Darren Brewster** and his group for building and maintaining the site for the chapter.

All six **Washington Chapters** and **Organizing Committees** participated in this spring's Makah Kids Camp in Hobuck on April 10th. This was the second year for the camp that aims to get area youth in the water. Volunteers came from Washington, Oregon and, even as far away as British Columbia to share their stoke with the Makah youth. Thanks to the Makah Nation, all the amazing volunteers and donors! Thanks also to Ryan Cruse and his non-profit A Warm Current for donating much needed additional gear for the kids to use and the Sperry Family for always making the surf gear available to us.

If you want to get involved, join us at the 7th Annual Surfing and Traditions on July 10th in La Push. This event is aimed at getting the Forks and Quileute youth in the water. Email sserrano@surfrider.org for more information and ways to be involved.

The **Portland Chapter of Surfrider Foundation** is plugging away at their Ban the Bag campaign. Portland Mayor Sam Adams' plastic bag task force is narrowing in on a policy and the chapter's campaign committee is working in close partnership to keep the effort moving forward. Congratulations to newly elected Portland Chapter executive committee: **Chair Staj Pace**, **Vice Chair Ryan Cruse**, **Secretary Lisa Lynch**, **Treasurer Mason Brock**, and **Volunteer Coordinator Tristan Fields!**

Congratulations, **Olivia Ponce**, **Mechell Bailey** and **Tonie Vinson** on completing this year's **Newport Chapter** and **Oregon Coast Aquarium** youth volunteer team project! Each year the youth volunteer water quality team works on a community project linking our Blue Water Task Force Program and messaging to the broader community. This year, the team worked on a storm drain art project inspired by a similar project done last year in Port Orford. Painting a whale at the Nye beach turnaround, while incorporating the storm drain as the mouth, was chosen to demonstrate that what goes into

the storm drain goes into our oceans. Sealing the deal on ocean monitoring for the Georgia Pacific Pulp Mill campaign, the chapter is working with the City of Newport on implementing a monitoring plan. After applying multiple strategies at the state and local level, a mechanism for monitoring was finally realized through an annual fee Georgia Pacific will pay on a license agreement for effluent line right of way.

Coming up this summer is the annual Otter Rock n Roll Youth Surf contest on June 19-20 in celebration of International Surfing Day. To volunteer or sign up for the event, contact **Ken Wilson** at: kendogwilson@yahoo.com!

The **Siuslaw Chapter of Surfrider Foundation** is gearing up for their annual river to sea cleanup this July along the Siuslaw River and nearby beaches of Florence. To volunteer contact **Melissa Buckwald** at surflivelove@yahoo.com. Working in partnership with the Siuslaw Watershed Council, the chapter has been developing ways to make better land-sea connections with their joint Blue Water Task Force Program. Additionally, these connections are important for the chapter's marine reserve initiative and broader ecosystem based management for the area. Recently the chapter helped advocate the council to adopt the nearshore environment formally, making watershed and ocean connections to help inform decision-making. To get involved with the chapter's Blue Water Task Force and watershed initiatives, contact **Mark Chandler** at m.chandler@charter.net.

The **Curry County Organizing Committee of Surfrider Foundation** had another extremely successful Port Orford Water Festival in partnership with the Port Orford Ocean Resource Team, reaching over 300 adults and children through this annual K-5 educational event. Want to learn how to throw your own water festival or get involved with next year's planning? Contact **Briana Goodwin** at briana@oceanresourceteam.org.

The **Clatsop County Organizing Committee of Surfrider Foundation** has been making serious progress with the City of Cannon Beach on source identification efforts for the high bacteria readings at Ecola Court outfall. An issue identified by their Blue Water Task Force Program and presented to city council last fall, the activists are excited for the city's efforts and work at developing a plan and a public works task force to hone in on sources. And not to be missed is the great work by **Mike Manzulli**, **Katie Sokolowski** and **Beth Phillips** on the Cannon Beach Rise Above Plastics initiative. Outreach to local schools, beach cleanups and event lectures on the issue have really sparked and interest from the community on some plastic policies. Interested in getting involved and volunteering? Contact manzulli@hotmail.com.

Southeast

After three years of effort, the **Palm Beach County Chapter** succeeded in stopping the construction permit of 11 emergent breakwaters at Singer Island. Similar structures have been shown to cause severe erosion south of the breakwaters, as the structures would essentially steal the sand that would naturally flow south. Surfrider members attended numerous meetings with County officials, legislators, condominium owners, and agency staff. Key players included

Mike Walther, **Steve Weiss**, **Greg Lyon**, **Todd Rimmel**, and **Tom Warnke**.

Donny Barley, **Ed Cronin** and **Paul Hayden** represented the **First Coast Chapter** for the third straight year at the Water Education Festival event. They held a mock beach cleanup where the kids got to sort through and identify items in a beach bucket and discuss their effects on the beach and the animals of the sea.

West Coast

Chapter activists from the **San Luis Bay, Monterey, Santa Cruz, San Mateo County, and San Francisco** chapters descended on Monterey to attend the second annual Central California Chapter Summit on March 13, 2010. The Summit provided leadership, training, learning and networking opportunities for chapter leaders and core volunteers through peer-led discussion groups, interactive presentations and a trip to the Monterey Bay Aquarium to get first-hand training on running a water quality monitoring program.

The **Isla Vista Chapter** along with other groups has been working to limit the use of plastic bags on campus and in surrounding areas. The chapter hosted a weeklong event from April 11th to April 18th to educate students, faculty, community members, and business owners about the negative effects of plastic on the ocean. They are also working to convince business owners to either charge for single use plastic bags or adopt a policy in which customers will be more aware of their option to choose reusable instead of single use bags. Their larger campaign goals including getting a tax on single use plastic bags on the fall ballot in the City of Santa Barbara.

In February the Trancas Property Owners Association (TPOA) on Broad Beach in Malibu began installation of a 4,100 foot-long rock revetment under emergency conditions. The City of Malibu reports this is part of a long-term program to restore Broad Beach and its dune system. The TPOA has 18 months to submit a complete application to the CA Coastal Commission. The **West Los Angeles/Malibu Chapter** will continue to monitor the situation and support actions that promote long-term beach preservation. www.surfriderwlam.org/savebroadbeach/



The rock revetment at Broad Beach in Malibu

day "Hackers Fest" golf tournament at the Meadowlark Golf Course. Around 45 golfers attended the event and banquet to support Surfrider. The following evening, Dave Robinson from Sealife Conservation spoke at the Chapter's general mixer about the dangers of plastic waste in the ocean. The Huntington/Seal Beach Chapter consistently draws hundreds of volunteers to their bi-monthly beach cleanups. Check out the Chapter's website, www.hsbsurfrider.org to learn more.

South Orange County Chapter kicked off the first quarter of 2010 in a huge way with the Disney Give a Day, Get a Day program logging in over 4,000 hours of volunteer service from over 1,200 Southern California participants at Salt Creek, Doheny State Beach, T-Street and Poche Beach cleanup and restoration projects. At Strands Beach in Dana Point, the Capo Valley High Surf Team, led by Coach Shultz held four 30-minute cleanups, collecting 210 pounds of trash. Great job guys!

Three-hundred people, including representatives from regional water agencies, filled The Loft at UC San Diego on World Water Day, March 22 for the premiere of *Cycle of Insanity, The Real Cycle of Water*. Written and produced by **San Diego** and **West Los Angeles/Malibu** chapter volunteers with support from chapters throughout California, the informative and provocative animated film dives into controversial problems and solutions related to water management and serves as a practical outline of solutions for citizens curious about water issues. You can view the film in its entirety online at www.knowyourh2o.org.



Central Coast Chapter activists come together at their Chapter Summit

The **West LA/Malibu Chapter** is also looking for volunteers to help make presentations or assembling sea monsters. Yes, you read it correctly. The chapter is participating in an eco-art project targeting preschool and elementary school aged children and their families called "Plastic: The Real Sea Monster." The goal is to raise awareness about the danger of plastic in the marine environment. www.amyblountlay.com/abl_plastic.html

Visit www.lbsurfrider.org and check out the winning entries to the **Long Beach Chapter's** "Sink the Breakwater Film Contest."

The **Huntington/Seal Beach Chapter** hosted their first annual St. Patty's



This sculpture was part of the "Plastic: The Real Sea Monster" program



"The enormous demand for plastic bags ties into the surging global demand for oil -- plastic bags are made from ethylene, a petroleum byproduct. In the United States alone, an estimated 12 million barrels of oil is used annually to make plastic bags that Americans consume."



Mark your calendars California Chapters! Surfrider Foundation's annual California Chapter conference is slated for August 6th - 8th. We hope you can join us!

International

After attending a **Surfrider Foundation Tofino Chapter** beach clean up, ten year-old **Hana Dixon** wanted to get more involved so she decided to organize a Surfrider Foundation Club. Hana now has a poster up at Wickaninnish Community School about Surfrider Foundation and there are also several videos posted to her junior Surfrider club Facebook page showing how plastic affects sea creatures. She's already hosted an information booth at Breakers Deli where she conducted a membership drive, organized an Earth Day beach clean-up, had a booth at the Saturday markets on Tofino's Village Green and is also planning several classroom sessions about ocean issues, with Hannah Stevenson from Pacific Surf School.

The **Tofino Club Surfrider** Facebook page is the place to watch for events, which will include beach clean-ups and barbecues this summer. To locate the page search "**Junior Surfrider Foundation Tofino**." Anyone looking for more information can contact Hana through the Facebook page.

Shannon Serrano our Washington State Regional Manager, lead a group of 30 Canadian and Washington State chapter activists in a two-day workshop in Canada. They covered topics such as implementing a Rise Above Plastics Campaign, Know Your H2O, chapter support resources and local environmental campaign updates among a host of other issues. Our Canadian Chapters are working on campaigns ranging from implementing a single use plastic bag ban in Vancouver and water quality issues to stopping illegal seawalls in Tofino. In a



The Tofino crew heading out for a surf.

recent victory for them, two Tofino resorts, without any formal permits or planning put up sea walls below the high tide line. The local chapter immediately took action with the city, which resulted in the city placing a halt on the process and ordering immediate removal. The chapter anticipates the resorts will appeal this decision, but as a result chapter activists have been asked to sit on a city planning committee to discuss best practices for this issue. Shannon stated that one of the best aspects of the workshop, "was seeing the connections being made between our WA and BC activists because we share such an important body of water." Connecting our activist base through conferences, workshops, electronically and personal interaction is a major role for Surfrider Foundation Headquarters. These types of networks remind people, that while they work locally, they are part of something global with knowledge and resources available to them from around the world.

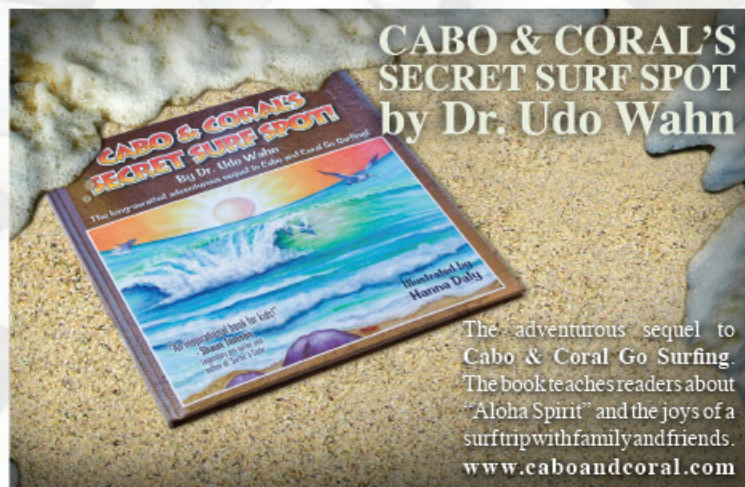


CA SMOKING BAN CAMPAIGN

Surfrider Foundation recently lost a campaign that would have banned smoking at all California state parks and beaches when Governor Arnold Schwarzenegger vetoed the measure, saying the bill crossed the line of government intrusion.

"We're very dismayed to see the governor has not prioritized clean and healthy beaches, especially since our coastlines are a driving force to California's economy," said Angela Howe, Surfrider Foundation's Legal Manager.

The bill's author, Senator Jenny Oropeza (D-Long Beach), had argued that the measure would help reduce litter, along with the threat of wildfires and second-hand smoke. She crafted the legislation so smokers would be allowed to light up in parking lots and campsites at parks. "I am sorry the governor did not agree with this widely supported effort to increase public awareness about the environmental threats carelessly tossed cigarettes are doing to our marine life and to the great outdoors," she said in a statement.



CABO & CORAL'S SECRET SURF SPOT by Dr. Udo Wahn

The adventurous sequel to Cabo & Coral Go Surfing. The book teaches readers about "Aloha Spirit" and the joys of a surftrip with family and friends.
www.caboandcoral.com

Recycling Wastewater

A Sensible Alternative to the Cycle of Insanity

By: Joe Geever and Rick Wilson

All water is recycled water. Chances are, most if not all of the water we drink has passed through a sewage treatment facility or septic system at some point, and often in the not-too-distant past. In addition, all water on earth has been recycled countless times by the natural "hydrological cycle" of evaporation and precipitation, ending up in our drinking water supply.

While the natural recycling system at one time supplied all we needed with plenty to spare for wildlife and rivers, we now tend to use up water faster than it can be replenished. The solution – use water more efficiently. Part of that is conserving water through a variety of means. Ocean friendly gardens don't require much water, and are designed to capture rainwater on-site to mimic the natural replenishment system and reduce polluted runoff. We can also do our part by installing water-conserving appliances such as showerheads, and low flush toilets.

An equally important part of the solution is reusing the water we have.

Treating wastewater with new technologies and recycling it creates a safe and reliable source of freshwater that eliminates ocean discharges (a major plus). This treated wastewater is often referred to as reclaimed water and can be used to irrigate parks, golf courses and other landscaping.

Even more can be done. We can purify water to a point where it is cleaner and safer than what we're drinking now in most places. This recycling is not as expensive as you might think because we're using wastewater that has already been partially treated before we dump it into the ocean. In a sense, we're dumping water and energy in the current process – both resources we can't afford

to waste. The "marginal" energy needed to polish this water to safe drinking water standards is often much cheaper and more energy efficient than constantly replacing it with water pumped to our communities from far away.

Understanding and implementing water recycling requires a paradigm shift from thinking of "used" water as wastewater (something to get rid of as cheaply as possible) to thinking of it as a valuable resource. Existing technology can be used to purify wastewater that comes from your toilet and reuse it.

Water recycling is also feasible at the community or neighborhood level. In fact, small local systems have advantages over large centralized ones by avoiding the use of long and costly conveyance systems.

Water recycling simultaneously addresses water supply, waste disposal, ocean pollution and energy waste problems. That energy part is important. Wasting energy is exacerbating climate change and sea-level rise, threatening our coastal water sources because the saltwater is "intruding" into our drinking water aquifers and surface sources. If we don't start implementing water supply solutions that reduce energy demand, we will put ourselves in an endless cycle of compensating for lost water resources from sea-level rise with more energy intensive solutions. You see, the problem is a cycle of behavior with no end in sight. It is what we call the "Cycle of Insanity."

The word "waste" should never be used along with "water." We need to apply the three R's to water – reduce, reuse and recycle. Nature has recycled water since the dawn of time. We can too! www.knowyourh20.org

100% RECYCLING IS POSSIBLE



Cape Coral, Florida recycled all of its wastewater last year. five years ago the city launched a half-billion dollars worth of water and sewer treatment plant expansions to treat wastewater and pump it back through the city's irrigation system. This protects their waterways and assures the city has a reliable water source all year.



Orange County is leading the charge in water recycling in California. The Groundwater Replenishment System treats roughly 70 million gallons per day of secondary treated wastewater from Orange County Sanitation District's "Plant 1" in a "state of the art" facility operated by the Orange County Water District. There, the water is processed through three additional purifying steps, using microfiltration, reverse osmosis, and advanced oxidation. At that point, water is pumped about 15 miles to spreading basins where it is allowed to percolate through natural sand into underground aquifers. Wells then draw water out of the aquifer to be used as a fresh water supply. This system can be thought of as a continuous loop or "man made" water cycle.

BLUE NOTE KARAOKE

A 2009 report by the Commodity Futures Trading Commission found that speculation was the primary driving force behind the spike in oil prices, not supply and demand.



Clean water comes down to one thing: the individual. And what better way to celebrate the individual than to host a live band karaoke event educating attendees about the importance of clean and healthy coastal waters, and inspiring them to make a difference? That is exactly what the Surfrider Foundation and Emergen-C BLUE did on May 6th at The OC Tavern...the second annual Blue Note Karaoke event with heavy metal act KNAC/DC. Attendees not only channeled their inner Axl Rose, they learned how to make simple changes in their lives that will have a big effect on our coastal waters.

Photos: Kyle Lishok

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-MENS**
100% organic cotton; light blue or natural
\$24.00 • (S, M, L, XL, XXL)

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-WOMENS**
100% organic cotton; WHITE
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131 victories since 1/06. The Surfrider Foundation is striving to win 150 environmental campaigns by the end of 2010. For a list of these victories please go to: www.surfrider.org/whoweare6.asp

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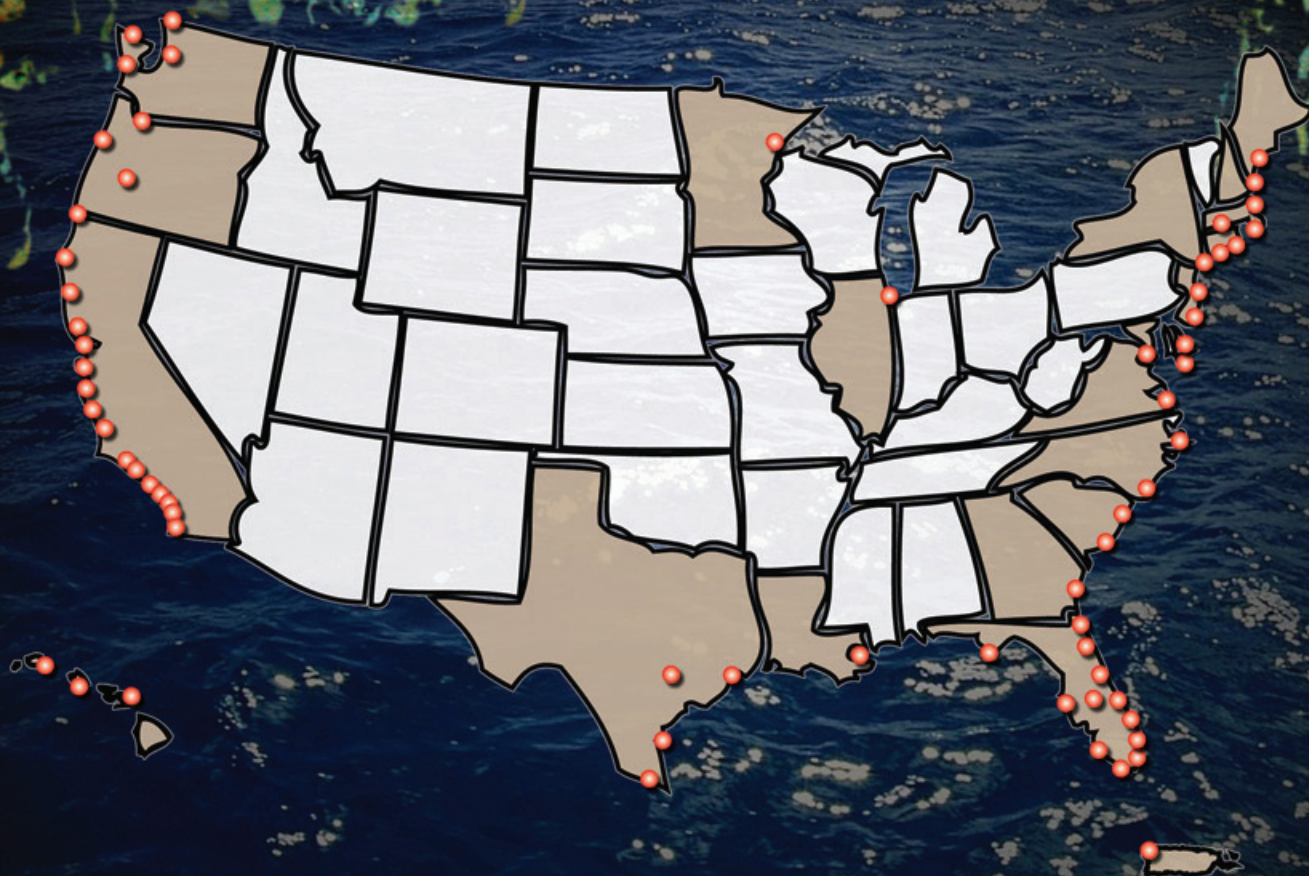
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