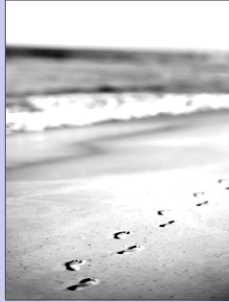


A Clean Ocean = The Gold Coast

New Jersey/New York Clean Ocean Zone:



This ocean region is unique and ecologically rich supporting more than 300 species of fish, nearly 350 species of birds, 7 species of sea turtles, and many marine mammals, such as 17 species of whales and 24 species of seals and porpoises. In fact, "the Bight has one of the highest diversities of marine mammals and sea turtles

reported anywhere in the United States and supports many threatened and endangered species," (USFWS 1997). It is a most sensitive and economically essential marine habitat.

Recreational fishing in 2003: NJ brought in over \$724 million in sales with a total multiplier effect of \$1.3 billion. NY generated over \$1 billion in sales with a total multiplier effect of \$2 billion.

Commerical Fishing: In 2006, Mid-Atlantic Fisheries generated sales of \$2.1 billion in NJ, \$1.9 billion in NY, \$1.4 billion in Virginia; and many jobs: 40,000 in NJ, 42,000 in NY, and 32,000 in VA.

Monmouth County, NJ, residents contributed at least \$10 million to the economy from **surfing** and associated businesses (NJ Chapter *Surfrider Foundation*). Over 144,000 NJ citizens surf (NOAA 2000).



Tourism: NJ tourism is a \$38 billion industry and the second largest private sector employer.

Air: Oceanic phytoplankton, tiny photosynthesizing sealife, produce half the oxygen in the atmosphere.

Just Beachy: According to the NJ Department of Environmental Protection just the *natural value* of beaches provides the highest value per acre of any other habitat by far, with an eco-services value of \$330 million per year.



Every other breath you take is thanks to the ocean —
50% of the planet's oxygen is produced by ocean phytoplankton.

In addition to climate change, excessive carbon dioxide is causing the ocean to become acidic threatening this oxygen source.
US energy policy is the greatest threat to our ocean.
Our nation must make swift and green choices in response.



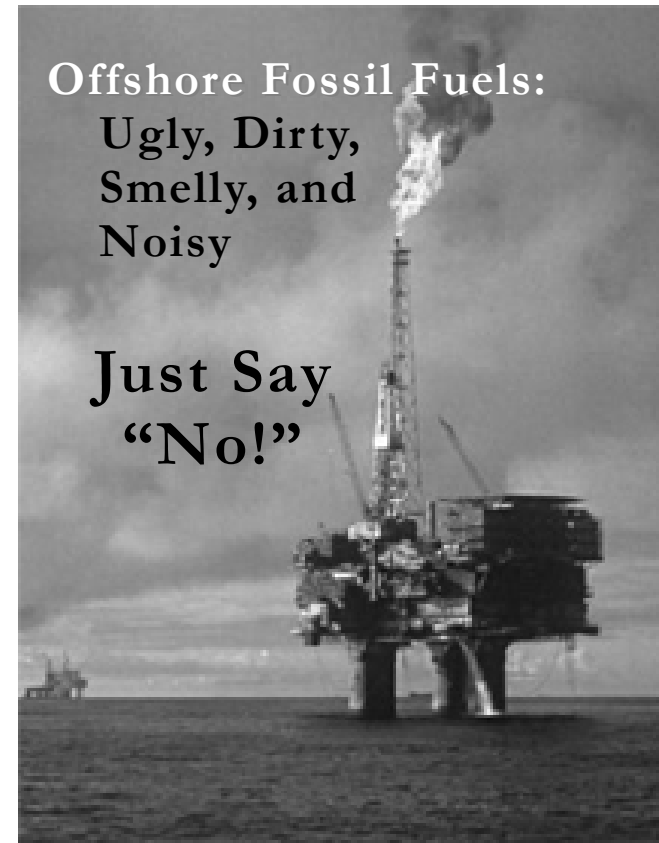
Energy Efficiency and Conservation combined with renewable energy sources are the **Solutions**.

- **Drill for energy** at home, the office, and in your car. By implementing basic cost-effective energy efficiency and conservation measures NJ could save the equivalent energy produced by **8-12 mid-size** power plants (KEMA Report) by 2020. Additional measures will result in even greater savings.
- **Jobs, Jobs, Jobs:** Energy efficiency measures and renewables create domestic high quality long term jobs – especially in the building sector that has been hit hard by the real estate market crash. Modeling studies for New Jersey's Energy Master Plan projected that 6,026 permanent jobs will be created from 2010 to 2020 from energy efficiency audits and installations alone, and the plan will create over 20,000 green jobs.
- **Renewables:** Solar, wind, geothermal, and other sustainable renewable sources of energy should be pursued, enhanced, and supported with protective criteria, rules, and regulations.

Take action at:
www.CleanOceanAction.org
Clean Ocean Action
18 Hartshorne Drive, Suite 2
Sandy Hook, NJ 07732
732-872-0111
April 2009

Offshore Fossil Fuels:
Ugly, Dirty,
Smelly, and
Noisy

Just Say
"No!"



Say "Yes" to
Green and Clean Energy
Energy Conservation and Efficiency
and Renewable Energy

Speak out!

The Obama Administration is considering opening the Atlantic Ocean to oil and gas drilling. Visit www.cleanoceanaction.org to send comments to the Department of the Interior. Deadline is September 21, 2009.





**Exploring for Oil and Gas can Blow Out
Your Ears ...
..if you're a whale or dolphin or fish!**

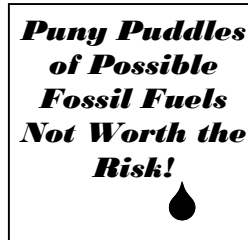
- Noise pollution can interfere with vital animal communication functions, cause loss of hearing, cause stress, injure, and in severe cases be fatal to sealife.
- Acute noise and multiple sonar use has led to whale strandings and mass beachings. Air gun blasts can damage fish hearing organs that can affect fish populations to the degree that it can decrease commercial fishing catches.
- Unexploded ordinance from military activities litter many areas of the Mid and North Atlantic seafloor. Seismic activities there may pose grave risks to marine life and workers.

**What happens on the rig doesn't stay
on the rig — pollution spreads.**

- Routine releases of "produced waters" from offshore activities have very substantial amounts of oil and grease, heavy metals, toxic organics, and a variety of highly toxic additives.
- Common releases of air pollutants (carbon dioxide, carbon monoxide, nitrogen oxides, sulfur oxides, VOCs, and particulate matter) from drilling and vessels used for exploration, support, and transportation contribute to smog, foul-smelling air, acid rain, and global warming.
- Every year, the oil and gas industry violates environmental and safety regulations – polluting our air and water. Last year, there were at least 31 violations of the Outer Continental Shelf Lands Act that resulted in \$2.2 **million** in fines.
- Shorelines with offshore rigs have beaches loaded with tar-balls and industrial debris.

Like Finding a Needle in the Haystack...

- According to Minerals Management Service 2008 data, the amount of oil and natural gas **potential** in the Atlantic Ocean from Maine to Florida would only last approximately **229 and 562 days, respectively**.
- The Atlantic Ocean region proposed for drilling is roughly 400,000 square miles.

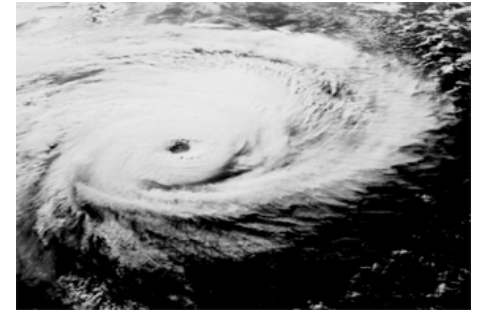


The Oil Industry is Greedy

- The Minerals Management Service estimates that 80% of the proven oil and gas reserves left in the US are in areas **already open** to drilling – mainly in the central and western Gulf of Mexico.
- What's produced in the US doesn't always stay in the US. Last year with gas prices at \$4+ per gallon a record amount of US crude oil and petroleum products were shipped overseas — nearly 670 million barrels.

**Spills Happen, Spread, and Effects
Last a Long Long Time**

- The infamous *Exxon Valdez* spill killed 300 harbor seals, 900 bald eagles, 2,800 sea otters, and 250,000 sea birds almost immediately.
- Oil from the Valdez spill is still fouling Alaskan beaches and continues to be toxic to marine life - 20 years later.
- Drilling **anywhere** in the Atlantic Ocean must not be allowed. Spills and pollution will travel with the Gulf Stream, contaminating beaches along the entire coast.



**The Ocean is a risky place for Clunky,
Teeter Totter, Vulnerable
Drilling Rigs—especially during Hurricanes**

Hurricanes Katrina and Rita in 2005 destroyed 113 oil platforms, damaged 53, and ripped 19 from their bases sending them adrift, and there were 600 pipeline damage reports. Over 9 million gallons of petroleum products spilled from 11 major and moderate spills and even more from 5,000 minor spills.

Hurricanes Ike and Gustav in 2008 destroyed 60 platforms and damaged 124. The Coast Guard reported 154 oil spills after Hurricane Ike. Hurricane Gustav resulted in at least 33 spills.

Liquefied Natural Gas—More Fossil Fuel-ishness

Three proposals are looming off the NJ/NY coast to build LNG importation facilities. LNG is a dirty, expensive, foreign fossil fuel that is antithetical to our goal of clean, green, cheap, domestic, sustainable energy. LNG facilities will:

- devastate important fish habitat, and impact endangered and threatened species,
- destroy vast quantities of marine life by refilling huge emptied tankers with billions of gallons of seawater,
- create navigational hazards,
- be exposed to hurricanes nor'easters other storms, and
- LNG is not needed - 97% of natural gas is supplied by North American sources and US produces 84% of supply. Supplies are projected to last 120 years.

