



## How offshore oil drilling rigs help fish populations

The study also revealed that as oil rigs drill deeper into Gulf of Mexico waters, platforms in all depths of water provide habitat for marine life. ...

There is strong opposition to offshore drilling, and the negative perceptions of oil companies and their intentions is a big obstacle in the path of Rigs-to-Reefs programs ...

The majority of offshore oil and gas production has occurred in two areas of the United States Outer Continental Shelf (OCS); the GOM, and Southern California. Exploration ...

Thousands of offshore oil and gas structures are approaching the end of their operating life globally, yet our understanding of the environmental effects of different ...

Offshore oil platforms make fantastic artificial reefs creating a thriving marine environment. The support structure for the oil rig provides a ...

While offshore oil drilling is a serious environmental hazard, when platforms end their operational life, many are left in place or partially dismantled or toppled, in a so-called &quot;rigs to reef&quot; program.

The article delves into the impact of offshore drilling on marine ecosystems, focusing on environmental concerns arising from pollutants, drilling waste, and oil spills. It ...

Petroleum exploration and production technologies evolved from 1890s platforms on piers and lakes. The U.S. offshore drilling for oil began in the late-19th ...

The role of artificial structures in ocean ecology has been brought into focus by questions about the future sustainable management of new and ...

Petroleum exploration and production technologies evolved from 1890s platforms on piers and lakes. The U.S. offshore drilling for oil began in the late-19th century on lakes and at the ends ...

Food chain disrupted Each year, U.S. offshore drilling rigs are responsible for dozens of spills of crude oil, natural gas liquids, diesel and hydraulic fluids into the environment. Oil breaks down ...

Most of the time, human infrastructure and wildlife mix about as well as seabirds and plastic. Our highways carve up animals' habitat. Our dams block them from spawning ...



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Offshore oil drilling in the Arctic comes with more risk due to inclement weather, ice conditions, and isolation, leading to an increased ...

Oil and natural gas drilling rigs now operate in water as deep as two miles. Offshore oil and natural gas production is much more expensive than onshore (land-based) production.

This productivity helps counter concerns that rigs converted into reefs are drawing fish away from other habitats--instead, this research ...

with the states and people directly affected by their operations," said Bureau of Safety and Environmental Enforcement Director Scott Angelle. ...

First shipwrecks. Then oil rigs. Now, it's offshore wind turbines that are becoming artificial reefs for creatures from haddock to lobster.

Moreover, the rigs can scare the birds away from their usual feeding sites or increase the likelihood of oil exposure. These possibilities ...

Offshore rigs are among the most productive fish habitats in the world, according to marine biologist Milton Love who has spent 20 years studying fish populations around oil and ...

Offshore oil rigs, symbols of fossil fuel extraction, are finding new life as artificial reefs. Marine ecosystems can flourish around cleaned and ...

Much ongoing research is working to better elucidate the role of these artificial reefs as fish habitat, in light of recent U.S. government ...

Deepwater coral distribution and abundance on active offshore oil and gas platforms and decommissioned Rigs-to-Reefs platforms. U.S. Dept. of the Interior, Bureau of Ocean Energy ...

Since the underwater portion of many offshore oil and gas platforms often provides a habitat to a large number of fishes and invertebrates, some stakeholders have called for ocean ...

Offshore drilling, the process of extracting petroleum from rock formations beneath the ocean floor, is a practice that has sparked significant debate due to its potential effects on marine life. ...

An oil spill negatively impacts the fishing industry by contaminating seafood with harmful chemicals like polycyclic aromatic hydrocarbons (PAHs). These toxins accumulate in ...

A quarter of global oil production comes from offshore fields and about 60% of internationally-traded oil



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travels by tankers. The relationship between oil, fisheries, and coastal ...

Here, we review the existing research on bird interactions with offshore oil and gas platforms, including production platforms, drilling rigs, and associated support vessels ...

Offshore drilling is a double-edged sword. Extracted crude oil and natural gasses help turn the gears of society, from powering the most common forms of ...

The oil industry has shaped our modern world in countless ways, including by impacting the previously unblemished habitats of wildlife in national parks and protected areas. ...

While there are potential economic benefits to offshore oil drilling, there are also associated negative impacts. The processes of offshore drilling and the transport of oil to and ...

Offshore drilling operations typically require complex platforms, rigs, and subsea systems to drill and extract oil from deep beneath the seabed. Many of these platforms are ...

Fish populations may increase around rigs due to the abundance of food and shelter, transforming these areas into hotspots for marine biodiversity. This phenomenon is ...

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