# Alina Tomova

# Macintosh HD:Users:tugan:Desktop:144913-004-FFCDAC66.gifCase study: ****Deepwater Horizon oil spill.****

# **Intro:**

* The largest accidental marine oil spill;

# **April-September 2010;**

* **In the gulf of Mexico, near Mississippi River Delta, United States**;

# **Reason:**

# **Deepwater Horizon explosion**

# **Result:**

* 4.9 million barrels of petroleum spilled
* Area of spilled oil - 6,500 to 180,000 km2
* A sea-floor [oil gusher](http://en.wikipedia.org/wiki/Oil_gusher) flowed for 87 days
* 11 men killed and 17 injured.
* 16000 total miles of coastline have been affected, including the coasts of Texas, Louisiana, Mississippi, Alabama and Florida.
* 40000 pound tar mat near Louisiana, approximately 1/3 of Louisiana coast polluted
* Extensive damage to marine and wildlife habitats, the Gulf's fishing, tourism industries
* 80-square-mile "kill zone" surrounding the blown well
* Over 8000 animals died after 6 months

# **Solutions:**

# It was stopped by capping the gushing wellhead

# Skimmer ships, floating containment booms, anchored barriers, sand-filled barricades along shorelines

# 1.84 million US gallons of [Corexit](http://en.wikipedia.org/wiki/Corexit) oil dispersants to protect hundreds of miles of the territories from the spreading oil.

# Over 30000 people responded to the spill, working to collect oil, clean up beaches, take care of animals etc.

* 20 billion dollars spill response fund by the US government.
* All the payments and settlements cost the BP company about $42.2 billion

# Source:

# http://en.wikipedia.org/wiki/Deepwater\_Horizon\_explosion