



The Earth is in danger

**We must save the planet**

*Prepared by the pupil of 8th-A  
form Serhiy Marchuk*

# It's Our Home

**Earth** is the third planet from the Sun, the densest planet in the Solar System, the largest of the Solar System's four terrestrial planets, and the only astronomical object known to harbor life.

Different people, with different traditions, with different culture, with different views on life, but we are inhabitants of one planet- **Earth**.



# Humanity

Humanity always have needs, that must be satisfied. There was a need for deforestation, mining electricity, food. This has led to environmental pollution. Further contamination can lead to environmental disaster



# Air emissions

Air pollution is the introduction of particulates, biological molecules, or other harmful materials into Earth's atmosphere, causing diseases, death to humans, damage to other living organisms such as animals and food crops, or the natural or built environment.

Indoor air pollution and urban air quality are listed as two of the world's worst toxic pollution problems in the 2008 Blacksmith Institute World's Worst Polluted Places report. According to the 2014 WHO report, air pollution in 2012 caused the deaths of around 7 million people worldwide.





# Wastewater

Wastewater, also written as waste water, is any water that has been adversely affected in quality by anthropogenic influence.

Wastewater can originate from a combination of domestic, industrial, commercial or agricultural activities, surface runoff or stormwater, and from sewer inflow or infiltration.

Municipal wastewater (also called sewage) is usually conveyed in a combined sewer or sanitary sewer, and treated at a wastewater treatment plant. Treated wastewater is discharged into receiving water via an effluent pipe. Wastewaters generated in areas without access to centralized sewer systems rely on on-site wastewater systems. These typically comprise a septic tank, drain field, and optionally an on-site treatment unit.

# Municipal solid waste

Municipal solid waste (MSW), commonly known as trash or garbage in the United States and as refuse or rubbish in Britain, is a waste type consisting of everyday items that are discarded by the public. "Garbage" can also refer specifically to food waste, as in a garbage disposal; the two are sometimes collected separately.

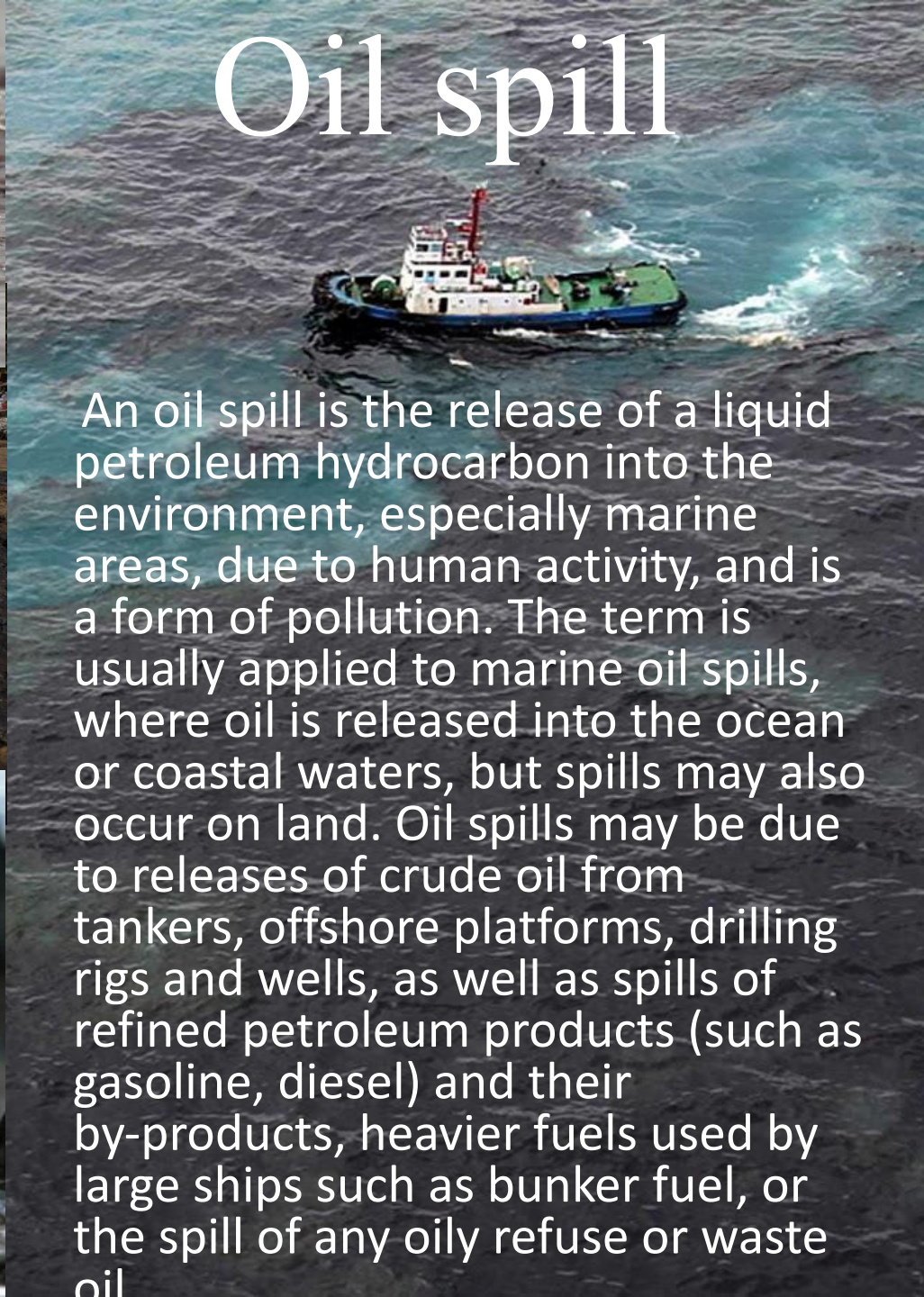
The composition of municipal solid waste varies greatly from municipality to municipality (country to country) and changes significantly with time. In municipalities (countries) which have a well developed waste recycling system, the waste stream consists mainly of intractable wastes such as plastic film, and unrecyclable packaging materials. At the start of the 20th century, the majority of domestic waste (53%) in the UK consisted of coal ash from open fires.



# Oil spill




© Jon Hrusa



An oil spill is the release of a liquid petroleum hydrocarbon into the environment, especially marine areas, due to human activity, and is a form of pollution. The term is usually applied to marine oil spills, where oil is released into the ocean or coastal waters, but spills may also occur on land. Oil spills may be due to releases of crude oil from tankers, offshore platforms, drilling rigs and wells, as well as spills of refined petroleum products (such as gasoline, diesel) and their by-products, heavier fuels used by large ships such as bunker fuel, or the spill of any oily refuse or waste oil

# The Earth is in danger

The Earth is our home. It gives us everything: food, clothes and houses. But our Earth is in danger because people don't care of it. We want to see blue seas, green trees that are why we must protect our Earth.

A glowing blue Earth seen from space, with the Americas visible. The Earth is centered in the frame, showing the continents of North and South America. The background is a dark, starry space.