

World's Most Harmful Environmental Disasters

**Hi, the following slides deal with
the most harmful environmental
disasters in history worldwide.
Let's start!!!**



#5 - THREE MILLES ISLAND

- Where: Three Mile Island - Dophin Country - Pennsylvania - USA
- When: 1979 March,28th
- What: It was the meltdown of reactor number 2 of Three Mile Island Nuclear Generator
- Environmental impact: Release of radioactive material



Three Mile Island was the first nuclear disaster in history, as well as the most important accident in a USA power plant in history. Considerable quantities of radioactive material were released into the air for a problem in reactor Number 2. Luckily the area was almost uninhabited and there were no victims.



#4 - DEEPWATER HORIZON

- Where: Gulf of Mexico
- When: 2010 April, 20th
- What: World's largest oil loss
- Environmental impact: the killing of all fauna and flora in a radius of 7km



**An explosion on the Deepwater Horizon in the Gulf of Mexico on April 20th, 2010 near New Orleans - Louisiana, killed 11 men. In the 87 days that followed it is estimated that 4.9 millions of oil were spilled in the sea which killed all animals and plants.
It took 5 years to stop oil spilling.**



#3 - Union Carbide - Bhopal

- Where: Bhopal
- When: 1984 December, 2nd
- What: Toxic losses from a chemical factory
- Environmental impact: Killing of more than 2850 people



A poisonous gas leak from a pesticide factory in the central Indian city of Bhopal in December 1984 cost more than 2,850 lives. The gas killed all the people with whom it came into contact in addition to the animals present in the area. The animals that didn't die were slaughtered to prevent them from entering the food chain.



#2 - Fukushima

- Where: Fukushima, Japan
- When: 2011 March, 11th
- What: Tsunami breaks the emergency generators of the cooling system
- Environmental impact: Various deadly radiations were dispersed in the air, in the ground and in the ocean.



A huge tsunami in North Eastern Japan in March 2011 knocked out the emergency generators apt to cool the reactors of the Fukushima Dai-Ichi nuclear power plant. It was the second most severe nuclear disaster and the second to be given the level 7 classification of the International Nuclear Event Scale.

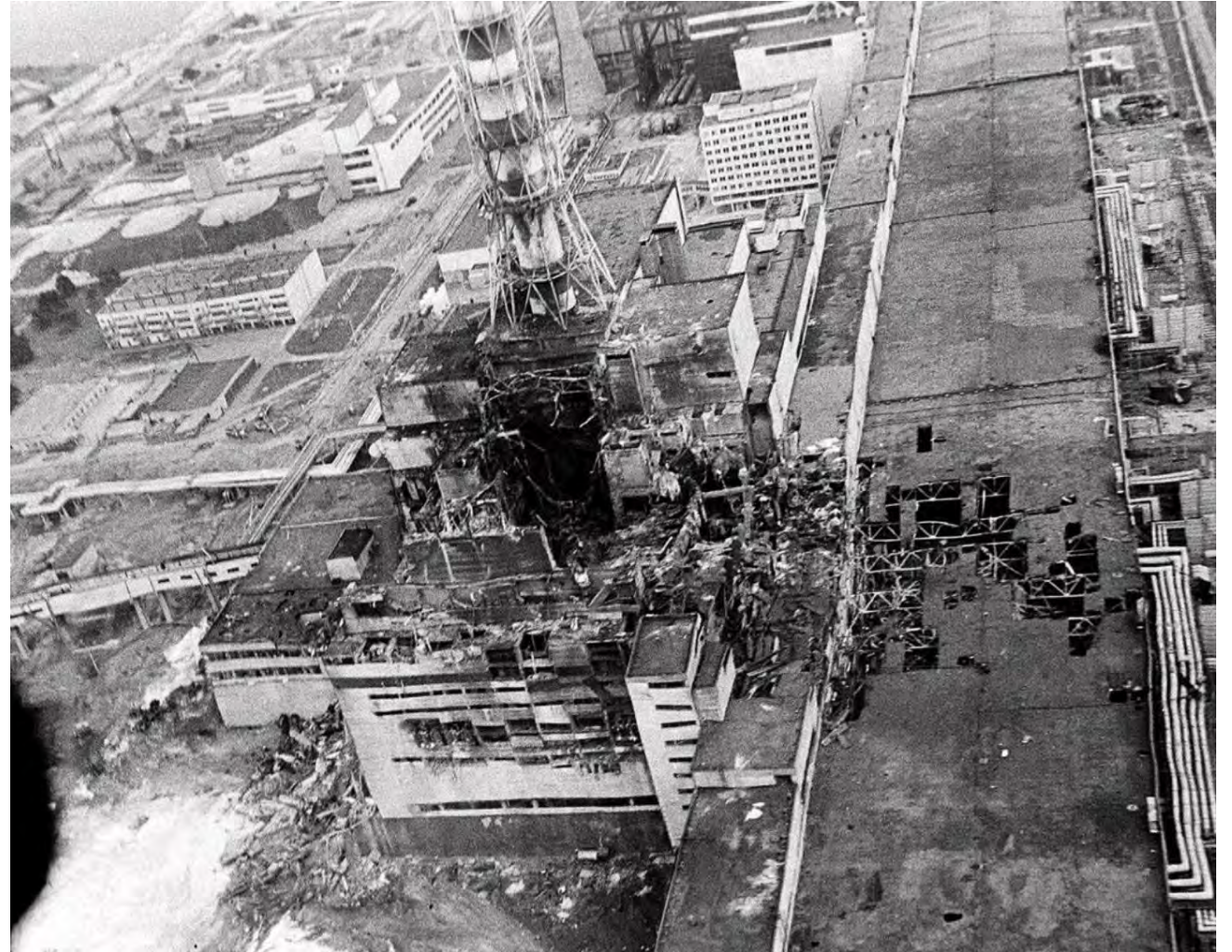
The plant had experienced multiple mergers over the following three weeks causing major evacuations and concerns about food and water supplies.

The consequences due to contaminations happen to be countless and devastating.



#1 - Chernobyl

- Where: Prypiat, Ukraine
- When: 1986 April, 26th
- What: Explosion of N°4 reactor
- Environmental impact: In addition to the about 100 victims immediately after the disaster, it is estimated that more than 7 million people have reported very serious problems from radiation, such as long term extra cases of cancer



It is estimated that seven million people in the former Soviet Republics of Belarus, Russia and Ukraine have suffered from the physical and psychological effects of radiation related to the catastrophe of 26th April 1986, when reactor no. 4 exploded and caught fire.

An area of half of Italy has been contaminated, forcing hundreds of thousands of people to resettle and ruining some of the most fertile lands.





ErasmusPlus Project *Let's Help Our Precious Planet*

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