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**CLEAN WATER
AND SANITATION**



What is Water Pollution?



save trees

LEARNING
JUNCTION



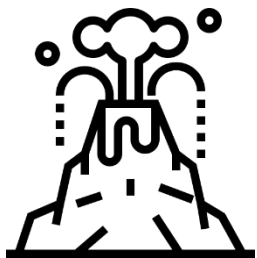
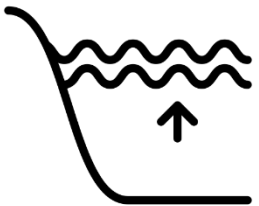
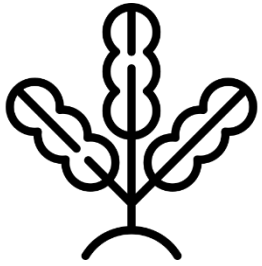
- **Water pollution** occurs when harmful substances— often chemicals or microorganisms — contaminate a stream, river, lake, ocean, degrading water quality and rendering it toxic to humans or the environment.



What Are the Causes of Water Pollution?

**NATURAL
CAUSES**

**HUMAN
CAUSES**



Animal waste

Algae

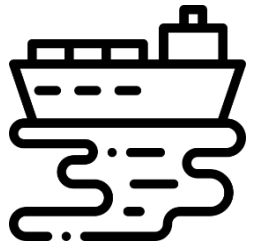
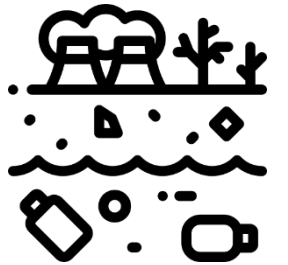
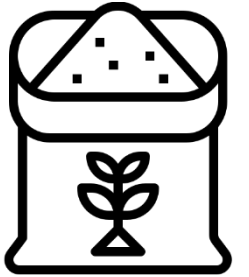
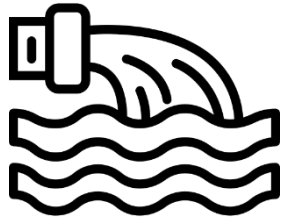
Silt from
floods

Sewage

Fertilizers

Waste from
factory

Oil spillage



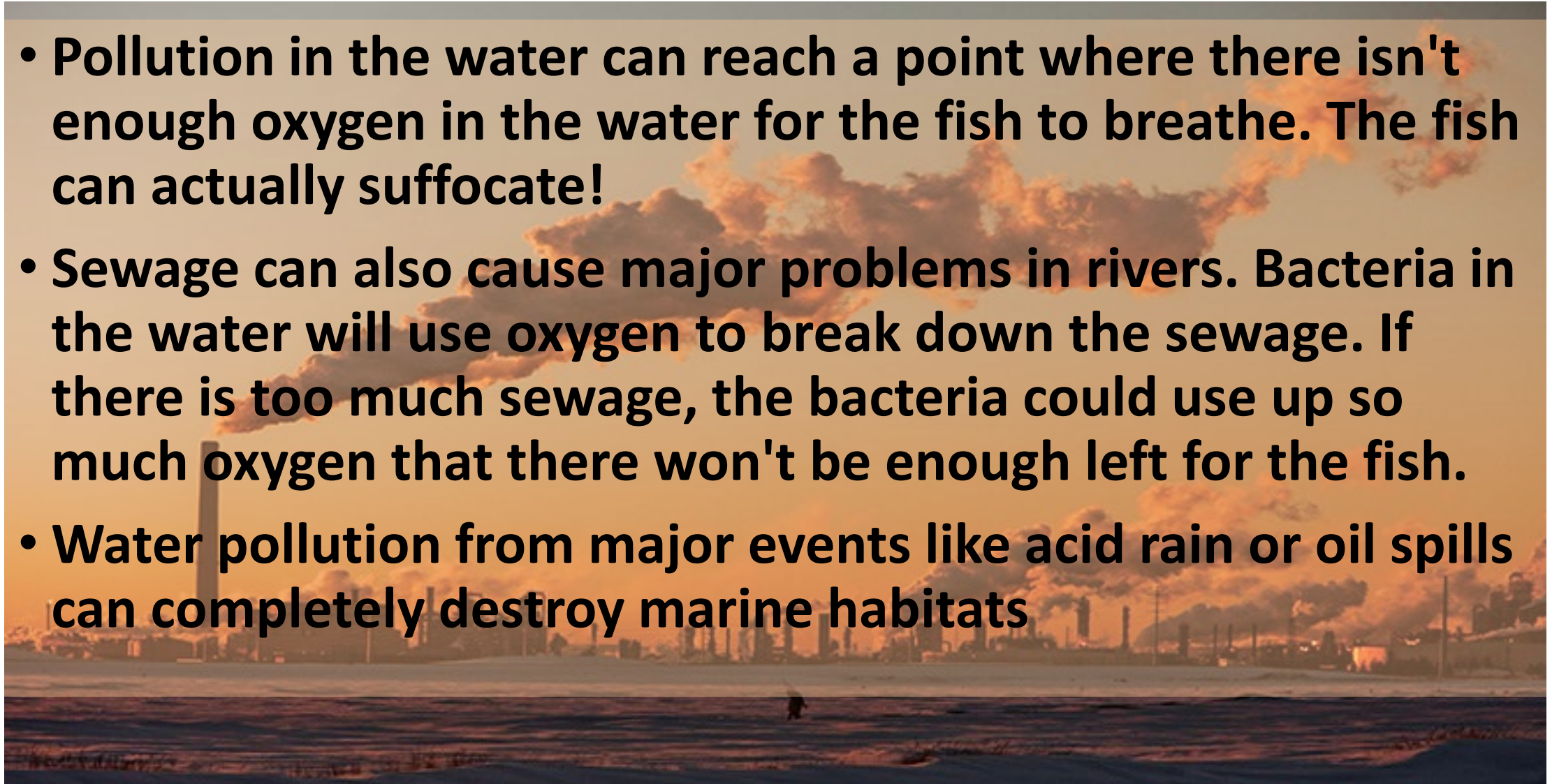
Types of Water Pollution

- Sewage
- Farm animal waste
- Pesticides and herbicides
- Construction and floods
- Factories



Effects on the Environment

- **Pollution in the water can reach a point where there isn't enough oxygen in the water for the fish to breathe. The fish can actually suffocate!**
- **Sewage can also cause major problems in rivers. Bacteria in the water will use oxygen to break down the sewage. If there is too much sewage, the bacteria could use up so much oxygen that there won't be enough left for the fish.**
- **Water pollution from major events like acid rain or oil spills can completely destroy marine habitats**

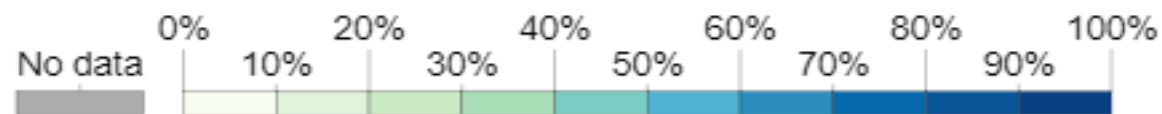
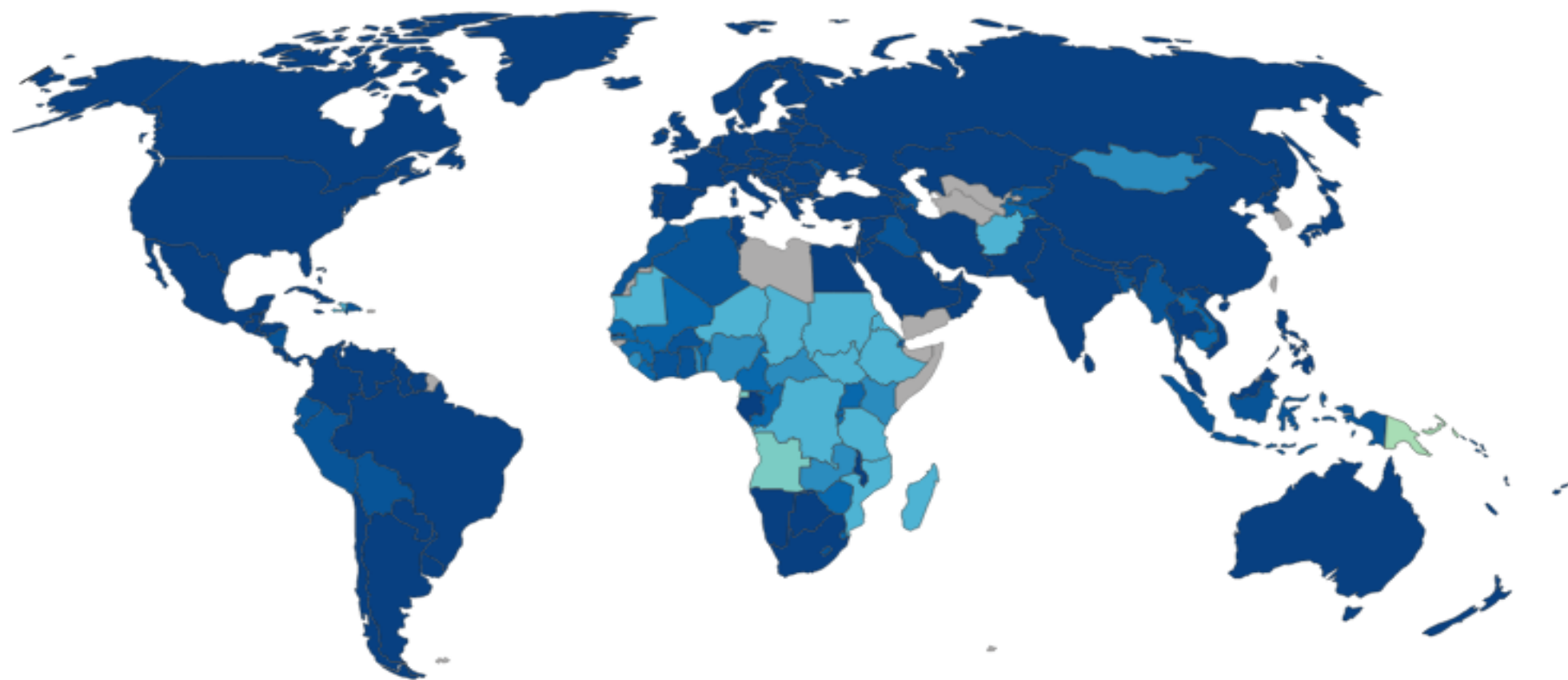


Effects on Health

- One of the most precious and important commodities for life on planet Earth is **clean water**. For over 1 billion people on the planet, clean water is nearly impossible to get. Dirty, polluted water can make them sick and is especially tough on young children. Some bacteria and pathogens in water can make people so sick they can die.

Share of the population with access to improved drinking water, 2015

An improved drinking water source includes piped water on premises (piped household water connection located inside the user's dwelling, plot or yard), and other improved drinking water sources (public taps or standpipes, tube wells or boreholes, protected dug wells, protected springs, and rainwater collection).



LET'S THINK...

- **Where is your country? Where is it on the clean water map?**
- **Where are the countries with good access to clean water?**
- **Where are countries with less access to clean water?**

Facts

- **Fresh water in the world is only 2.5% of the total water available on this planet. Make sure the water you drink is clean by using a water filter on your refrigerator.**
- **Around 70% of the industrial waste is dumped into the water bodies where they pollute the usable water supply.**
- **According to UNICEF, more than 3000 children die everyday globally due to consumption of contaminated drinking water.**

Facts

- **80% of the water pollution is caused due to domestic sewage like throwing garbage on open ground and water bodies.**
- **According to the survey done by Food & Water Watch cites that approximately 3.5 billion people in 2025 will face water shortage issues. This will be mainly due to water pollution. This is likely to happen because the [world pollution](#) is increasing tremendously with more water sources getting contaminated as a result of water pollution.**

**What Can You
Do to Prevent
Water Pollution?**



Generalways.com

- **Save water** - Fresh and clean water is a precious resource. Don't waste it! Take shorter showers, ask your parents not to water the lawn, make sure the toilet isn't running, and don't leave the faucet running.
- **Don't use weed killer** - Ask your parents if you can pull the weeds in the yard so they don't need to use weed killer (an herbicide).
- **Scrape your plates clean into the trash** and don't put grease into the kitchen drain.
- **Trash** - Always pick up your trash, especially when at the beach, lake, or river.
- **Reduce your plastic consumption** and reuse or recycle plastic when you can.
- **Properly dispose of chemical cleaners, oils, and non-biodegradable items** to keep them from ending up down the drain.

1 NO POVERTY



2 ZERO HUNGER



3 GOOD HEALTH AND WELL-BEING



4 QUALITY EDUCATION



5 GENDER EQUALITY



6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



10 REDUCED INEQUALITIES



11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



14 LIFE BELOW WATER



15 LIFE ON LAND



16 PEACE AND JUSTICE STRONG INSTITUTIONS



17 PARTNERSHIPS FOR THE GOALS



THE GLOBAL GOALS
For Sustainable Development