

Water Conservation



WHAT DOES IT MEAN?

TO PUT IT SIMPLY, IT MEANS **SAVING** WATER.

IT IS WHERE WE ARE REQUIRED TO MANAGE OUR USAGE OF WATER TO PREVENT LOSS OR WASTE BY USING LESS WATER IN OUR EVERYDAY LIVES.

THIS WILL THEN HELP IMPROVE THE USE OF WATER RESOURCES TO BENEFIT PEOPLE OR THE ENVIRONMENT.





Water is Life

SAVE WATER. SAVE LIFE.

A composite image of Earth from space. The top half shows a bright sun with a rainbow-like halo in a dark blue sky filled with stars. The bottom half shows a detailed view of the Earth's surface, including oceans, clouds, and landmasses. A semi-transparent dark blue horizontal band runs across the middle, containing the text.

OUR SOURCE OF WATER

World's Drinking Water

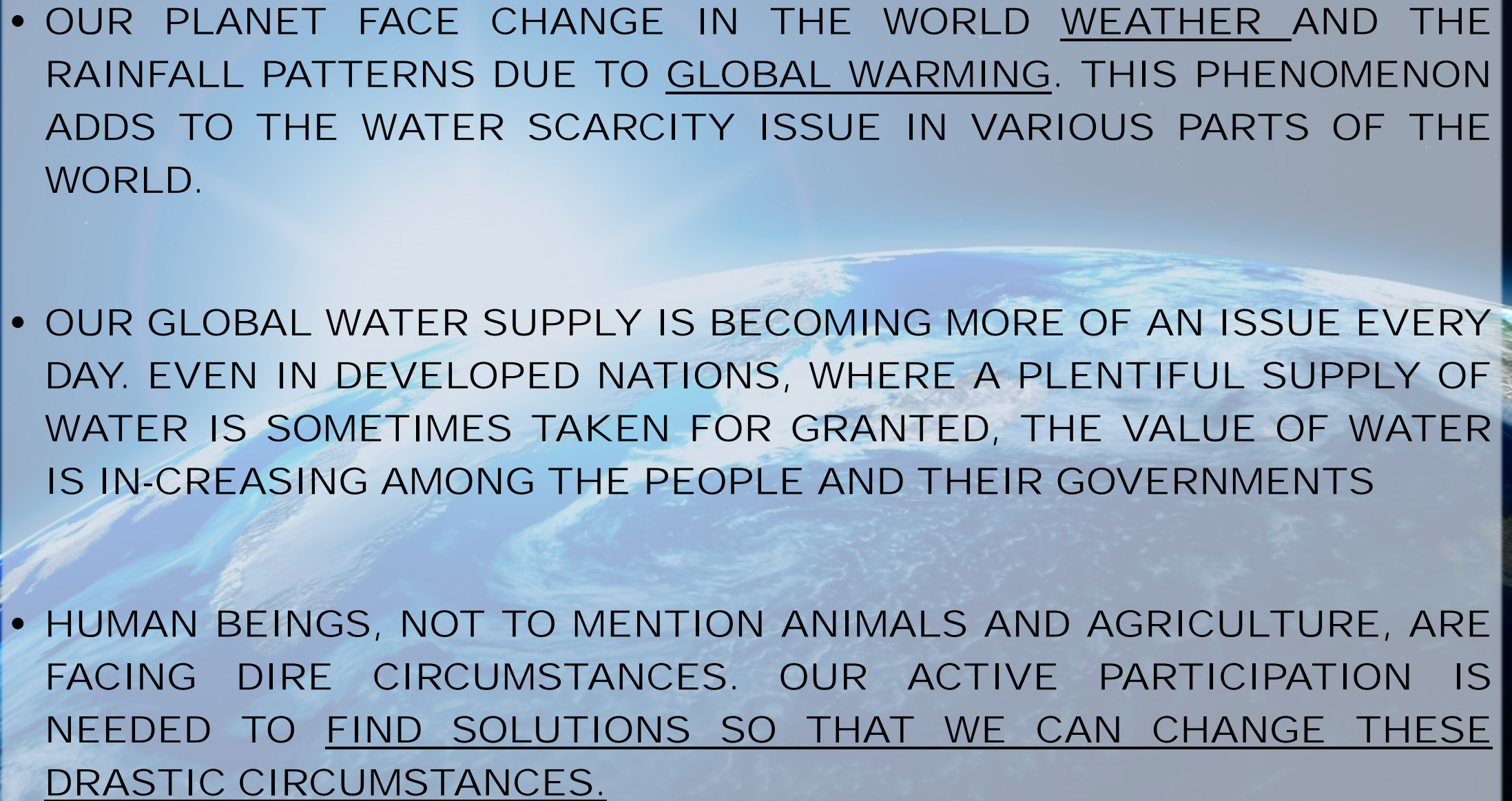
97% of Earth's water is saltwater

3% is freshwater:

2% of freshwater is frozen and unavailable

1% is fresh water for our use of which

1/3 is ground water.

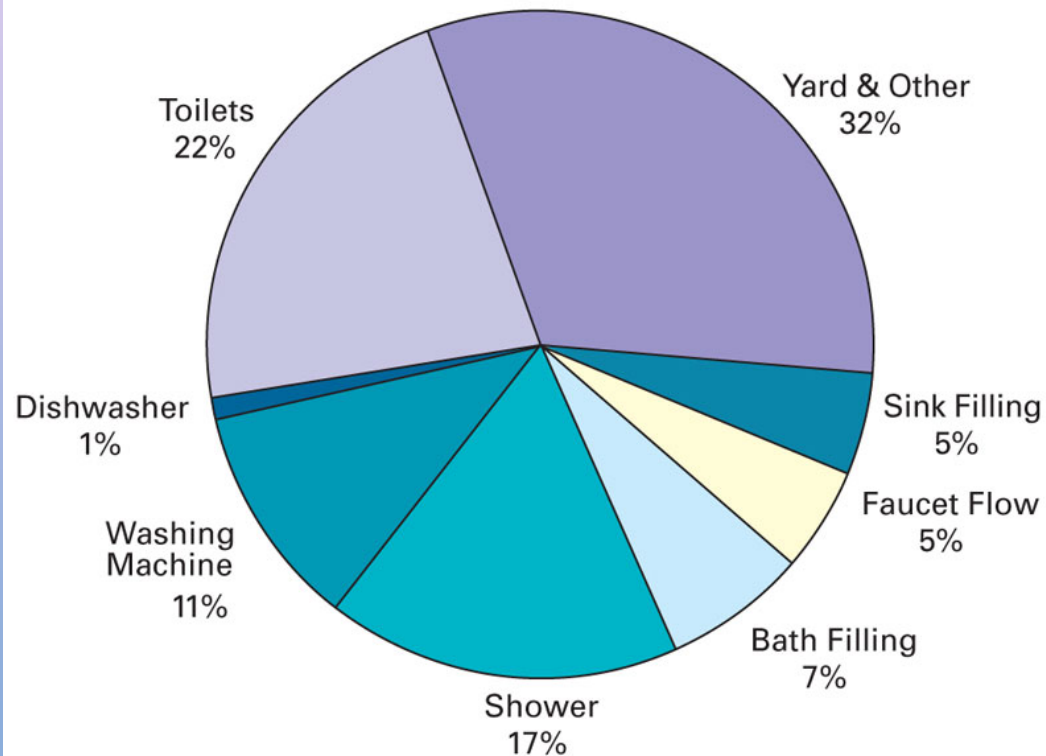
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- OUR PLANET FACE CHANGE IN THE WORLD WEATHER AND THE RAINFALL PATTERNS DUE TO GLOBAL WARMING. THIS PHENOMENON ADDS TO THE WATER SCARCITY ISSUE IN VARIOUS PARTS OF THE WORLD.
 - OUR GLOBAL WATER SUPPLY IS BECOMING MORE OF AN ISSUE EVERY DAY. EVEN IN DEVELOPED NATIONS, WHERE A PLENTIFUL SUPPLY OF WATER IS SOMETIMES TAKEN FOR GRANTED, THE VALUE OF WATER IS IN-CREASING AMONG THE PEOPLE AND THEIR GOVERNMENTS
 - HUMAN BEINGS, NOT TO MENTION ANIMALS AND AGRICULTURE, ARE FACING DIRE CIRCUMSTANCES. OUR ACTIVE PARTICIPATION IS NEEDED TO FIND SOLUTIONS SO THAT WE CAN CHANGE THESE DRASTIC CIRCUMSTANCES.



WHY WE MUST CONSERVE WATER?

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Typical Household Water Usage



- WE USE WATER EVERYDAY.

- **DID YOU KNOW?**

AN AVERAGE PERSON IN BRUNEI USES **450 LITRES** OF WATER A DAY! THAT EQUALS TO **300 BOTTLES** OF A 1.5 LITRES BOTTLE OF WATER!

- EVEN THOUGH THERE IS A DECREASE USAGE OF WATER IN BRUNEI HOWEVER THE PERCENTAGE OF WATER USE IS STILL HIGHER THAN OTHER ASEAN COUNTRIES!

WHY WE MUST CONSERVE WATER?

- WATER IS **PRECIOUS!**
- *“A SHORTAGE OF WATER RESOURCES COULD SPELL INCREASED CONFLICTS IN THE FUTURE... POPULATION GROWTH WILL MAKE THE PROBLEM WORSE. SO WILL CLIMATE CHANGE. AS THE GLOBAL ECONOMY GROWS, SO WILL ITS THIRST. MANY MORE CONFLICTS LIE JUST OVER THE HORIZON.”*

- BAN KI-MOON, SECRETARY-GENERAL OF THE UNITED NATIONS, JANUARY 2008

WHAT HAPPENS WHEN THERE IS A SHORTAGE OF WATER?

- CROPS WILL DIE AND THIS MAY LEAD TO SHORTAGE OF FOOD NOT ONLY AFFECTING ANIMALS BUT HUMANS TOO. IF THERE IS NOT ENOUGH FOOD FOR THE FARM ANIMALS THEN THERE WILL BE LESS FOOD SOURCE FOR US TOO!



• [VIDEO]

WHAT HAPPENS WHEN THERE IS A SHORTAGE OF WATER?

- FARMERS WHO LOST THEIR CROPS AND ANIMALS MAY MOVE TO CITIES TO FIND JOBS. THIS LEADS TO AN INCREASE OF WATER USAGE AS POPULATION INCREASED.
- POLLUTION WILL ALSO INCREASE THROUGH THE GROWTH OF INDUSTRY BECAUSE OF THE INCREASE OF CHEAP LABOR.
- THE POLLUTED WATER SUPPLY WOULD THEN KILL AQUATIC LIFE, FURTHER REDUCING FOOD SUPPLY.
- WATER-BORNE DISEASES SUCH AS DIARRHEA WOULD ALSO SPREAD.

WHAT HAPPENS WHEN THERE IS A SHORTAGE OF WATER?

"THE WARS OF THE NEXT CENTURY WILL BE FOUGHT OVER WATER"

- PRESIDENT ISMAIL SERAGELDIN, 1995

- IN 2003, IN DARFUR, SUDAN, A CONFLICT OVER DIMINISHING WATER SUPPLY BROKE OUT WHERE 400,000 AFRICANS WERE KILLED.
- SHORTAGE OF WATER IN AFRICA HAS ALSO STRAINED RELATIONS BETWEEN NEIGHBORING COUNTRIES.
- A SIMILAR CONFLICT ALSO HAPPENS IN AMERICA FOR 20 YEARS BETWEEN 3 DIFFERENT STATES DUE TO SHORTAGE OF WATER SUPPLY.
- TRYING TO PROVIDE WATER TO PEOPLE COST A LOT OF MONEY!

[*VIDEO 2*]

WHAT CAN WE DO TO CONSERVE WATER?

- WE START FROM OURSELVES.
- EVERYONE MUST WORK TOGETHER TO SPREAD AWARENESS OF THE IMPORTANCE OF SAVING WATER.



Every
DROP
counts

WAYS TO CONSERVE WATER

WASHING YOUR HANDS

Turn off the tap while you lather your hands with soap.

BRUSHING YOUR TEETH

Turn off the tap while you are brushing your teeth. Use a cup. Collect water in the cup and use the water to rinse your mouth.

SHOWERING

While you are showering Turn off the tap while you lather yourself with soap or shampoo. Only turn it on when you need to rinse yourself from the soap and shampoo!

WASHING DISHES

When washing dishes by hand, don't let the water run. Fill one basin with wash water and the other with rinse water.

CHECK FOR LEAKS

One drip every second adds up to five gallons per day! Check your faucets and showerheads for leaks.

CLEANING OUTDOORS

Use a broom instead of a hose to clean patios, sidewalks and driveways, and save water every time.

WATERING PLANTS

Put water in watering cans/jugs instead of using hose. This way you don't overuse water.

CATCH RAIN WATER

Catch rain water in large barrels to reduce use of pipe water. The rain water can be used for cleaning outdoors and watering plants!

DON'T PLAY WITH WATER

Avoid toys that uses a lot of water or a constant flow of water a home such as water slides/bouncers.

OTHER WAYS TO HELP CONSERVE WATER

- EDUCATE YOURSELF AND OTHERS ON THE IMPORTANCE OF CONSERVING WATER.
- PUT UP POSTERS AND NOTICES TO REMIND PEOPLE NOT TO WASTE WATER.
- MAKE A WATER CONSERVATION DIARY TO KEEP TRACK OF YOUR PROGRESS AT HOME TO SEE HOW MUCH YOU HAVE DONE TO HELP CONSERVE WATER.
- VIDEO ADVERTISEMENTS PLAYED ON TELEVISION.

UN WATER
WORLD
WATER
DAY



2014 & water
energy

22.03.2014

[VIDEO 3]



QUESTION AND ANSWER SESSION