

The importance of enriching Africa with water while protecting sand in deserts

Male Emperor penguins face winter in Antarctica in a harsh environment. Temperatures can drop to -70 degrees Celsius. They are creatures of survival with minimal food. They get no food and no sun for four months. Male Emperor penguins store eggs for Winter, giving their chicks a head start.

Polar bears come out in Spring and feed on seals, which are eaten by great white sharks. Cub polar bears take their first steps on steep slopes where it is difficult to walk. When they come out of hiding where they are deaf and blind, they are hungry after having been beneath snow. Cubs need shelter underground but it is dark.

Mum polar bears lose weight in winter and preserve milk for cubs. Cubs must stay active. There is no food on the steep slopes. Cubs grow, mature and adapt gaining confidence like children, but with no food their Mum has a sense of urgency.

Summer brings 24 hours of sunlight.

Moreover, 3 million caribou migrate across the Arctic tundra every year in Northern Canada. It is the largest migration on Earth. You need technology - helicopters to appreciate it. Calves need to be up and running from the day they are born. 8 to 10 wolves hunt in packs and feed on calf caribou. Wolves run at the head. Caribou can outrun wolves if they keep their footing, but landscapes have lots of rocks as barriers for caribou.

During midsummer in the tundra, the Sun does not set. Trees cannot grow at high latitudes in the tundra. This is a barrier to climate change and with melting sea ice the situation for planet Earth is precarious. Furthermore, in the Arctic winter snow blankets the land further hampering tree growth.

A third of all trees on Earth are in the Arctic.

Broad leaf trees are easier to digest for animals. But they are damaged in winter. Animals feed on broad leaves and have to hibernate and starve in winter. Snow and ice is on one hand a threat to animal survival in winter, yet ice is melting. Is man really destroying the planet for animals? Trees cannot grow at high latitudes where there is snow and ice, so man might not be destroying the planet. That said, it is still important to look after and care for the environment. All humans and wildlife have a right to exist, live and breathe. We should still strive to go for zero waste as it tidies up the planet, keeps it clean for future generations and helps rare animals survive.

All animals depend on energy from the Sun.

In Japan, the cherry blossom announces the beginning of Spring.

Advance of seasons brings constant change, deciduis forests shutdown for Winter with little Sun.

Whole populations of animals are forced to travel great distances for food and warmth. Animals travel to Korea, yet North Korea suppresses its people.

We need to support jungles. Canopies in jungles have monkeys, birds and millions of species of insects.

In New Guinea, there are 40 different species of animals.

Birds call and communicate like humans to attract females and dance for attraction and affection.

The Sun also influences life in the oceans and all life on Earth.

We need space exploration to research the Sun. We need to keep on advancing science and technology. Governments worldwide should invest in science and technology to make future space exploration affordable.

Great white sharks have immense strength. They are a danger to humans and seals. Seals are agile and quick, yet sharks have power. Sharks feed on seals, which is food for polar bears. Great white sharks migrate thousands of miles across oceans.

The Sun powers weather systems across the world.

Sand in Africa is blown across the world to fertilise Amazon jungle. Sand in Africa is vital to life in jungles. We need to protect Africa and rainforests.

Elephants in Africa travel in desperate search for water, yet desserts in Africa are important to fertilise the Amazon rainforest.

Swamps feed elephants but they are dry in Africa due to dust storms.

Water takes five months to go from desserts in Africa to Angola. When water reaches Africa it is lush, home to African Antelopes. For the sake of African animals and people, it needs water while at the same time desserts and sand should be preserved.

Dogs in Africa are vicious creatures. They force animals that cannot swim into water killing them off.