



# FINPARK

## NEWSLETTER

**Vol 5  
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December 2022**

**A NEWSLETTER FOR NATURE LOVERS**



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# FINPARK

FINPARK NEWSLETTER

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# CLIMATE CHANGE

Finpak Newsletter



## CLIMATE CHANGE: BRACE UP! BUMPIER FLIGHTS AHEAD

By Chisom

Climate change refers to long-term shifts in weather patterns over a prolonged period. Globally, climate change has been the leading cause of extreme weather patterns and conditions, from Africa to Europe, Asia and North America these weather conditions are not abating soon. A leading cause of increased air turbulence is due to climate change. Most of us have experienced turbulence while travelling: when your plane flies through clashing bodies of air moving at widely different speeds.

Clear air turbulence is invisible. It can't be detected by radar. It's the kind of turbulence where you could be flying smoothly in the sunshine and then suddenly, it starts bumping for no apparent reason. Severe turbulence can put even the most seasoned flier on edge and make five minutes seem like an eternity. Usually, it results in nothing more than a bumpy ride, but in the worst cases, it can cause damages and injuries. About 65,000 aircraft suffer moderate turbulence every year in the US, and about 5,500 runs into severe turbulence. These numbers, however, might be destined to grow. Researchers believe that climate change is modifying turbulence, and started studying the subject in 2013. "We ran some computer simulations and found that severe turbulence could double or triple in the coming decades," he says.

## Newsletter Highlights

A Message of Hope  
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CHRISTMAS/NEW YEAR  
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That doesn't mean, however, that flying will be less safe. "Planes are not going to start falling out of the sky, because aircraft are built to a very high specification and they can withstand the worst turbulence they can ever expect to encounter, even in the future," says Williams. However, the average duration of turbulence will increase. "Typically, on a trans-Atlantic flight, you might expect 10 minutes of turbulence. Climate model projections predict that there would be a rise in clear air turbulence

## CLIMATE CHANGE: BRACE UP! BUMPIER FLIGHTS AHEAD

By Chisom Asoeguw

The findings, which were later confirmed by observations, highlight a type of turbulence called "clear air turbulence," which isn't connected to any visual clues such as storms or clouds. Unlike regular turbulence, it hits suddenly and is hard to avoid. According to the NTSB, between 2009 and 2018, the flight crew had no warning in about 28% of turbulence-related accidents. The analysis predicts that clear-air turbulence will increase significantly around the globe by the period 2050-2080, in particular along the busiest flight routes, and the strongest type of turbulence will increase the most.



## A Message from the Park Manager

As the manager of this beautiful park, I am writing to remind you of the importance of reducing, reusing, and recycling waste, as well as conserving the environment and its biodiversity. Our park is home to a diverse array of plant and animal species, and it is our responsibility to protect and preserve this natural treasure for future generations.

One of the most impactful things we can do to conserve the environment is to reduce the amount of waste we produce. This means using reusable bags, bottles, and containers, and avoiding single-use items whenever possible. Additionally, recycling and composting our waste can help to reduce the amount of waste that ends up in landfills and polluting our natural resources.

In addition to reducing waste, we also encourage you to be mindful of your energy and water usage while you are visiting the park. Try to conserve these resources by turning off lights and appliances when not in use, and by taking shorter showers.

Furthermore, we encourage you to take an active role in preserving the biodiversity of our park. This means respecting all living organisms, not disturbing the natural habitats and ecosystems, and being mindful of your impact on the environment.

We are all responsible for the care and preservation of our natural environment and together we can make a positive impact on the world around us. Thank you for your support and commitment to conservation.

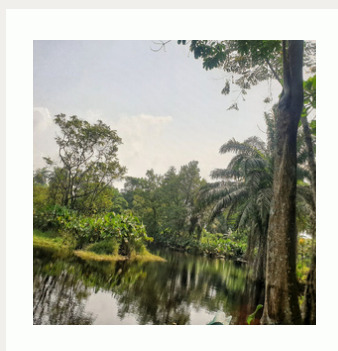
Sincerely,

Dagogo Brown





*prolonged presence of water creates conditions that favour the growth of specially adapted plants and promotes the development of characteristic wetland soils. Wetlands vary widely because of regional and local differences in soils, topography, climate, water, vegetation and other factors, including human disturbance.*



What is a wetland: A wetland is an area where water covers the soil, or is present either at or near the surface of the soil all year or for varying periods during the year, including during the growing season.

Water largely determines how the soil develops and the types of plant and animal communities living in and on the soil. Wetlands may support both aquatic and land species.



5.6k+



2.6k+



3.9k+





Indeed, wetlands are found from the tundra to the tropics and on every continent except Antarctica. Two general categories of wetlands are recognized: coastal wetlands and inland wetlands.



Wetland performs numerous valuable functions such as recycling nutrients, purifying water, attenuating floods, and recharging groundwater and also serves in providing drinking water, fish, fodder, fuels, and wildlife habitat, controlling the rate of runoff in urban areas, buffering shorelines against erosion and recreation to society.

Due to anthropogenic activities and urbanization, they have been declining at an alarming rate.

Often called “nurseries of life,” wetlands provide habitat for thousands of species of aquatic and terrestrial plants and animals. Although wetlands are best known for being home to water lilies, turtles, frogs, snakes, alligators, and crocodiles, they also provide important habitats for waterfowl, fish, and mammals. Migrating birds use wetlands to rest and feed during their cross-continental journeys and as nesting sites when they are at home. As a result, wetland loss has a serious impact on these species. Habitat ruin since the 1970s has been a leading cause of species extinction.



# Why are Wetlands Important?



[www.finimanaturepark.com](http://www.finimanaturepark.com)



**"IF WE SAVE  
WETLANDS NOW  
THEN WE CAN  
SAVE OUR PLANET  
TOO"**

A magazine is a periodical publication, which can either be printed or published electronically. It is issued regularly, usually every week or every month, and it contains a variety of content. This can include articles, stories, and photos of Wetlands are some of the world's most biologically productive natural ecosystems, comparable to tropical rain forests and coral reefs in their productivity and the diversity of species they support.

Aquatic plant life flourishes in the nutrient-rich environment, and energy converted by the plants is passed up the food chain to fish, waterfowl, and other wildlife and us as well. In addition to the biological productivity of wetlands, an acre of wetland can store 1–1.5 million gallons of floodwater. Although wetlands keep only about 5% of the land surface in the conterminous United States, they are home to 31% of our plant species and support one-third of all endangered species. Wetlands are found on all continents except Antarctica and their diversity is as broad as their geographic occurrences.



## WHY ARE WETLANDS IMPORTANT?

Wetlands can reduce the frequency and intensity of floods by acting as natural buffers, soaking up and storing a significant amount of floodwater. A wetland can typically store about three-acre feet of water or one million gallons. An acre-foot is one acre of land, about three-quarters the size of a football field, covered one foot deep in water. Three acre-feet describe the same area of land covered by three feet of water. Coastal wetlands serve as storm surge protectors when hurricanes or tropical storms come ashore. In the Gulf coast area, barrier islands, shoals, marshes, forested wetlands and other coastal landscape features can provide a significant and potentially sustainable buffer from wind wave action and storm surges generated by tropical storms and hurricanes.



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# OUR ACTIVITIES AT FINIMA NATURE PARK

Newsletter



## SCHOOL VISITS

In the last quarter, 61 schools were visited by Finima Nature Park. FNP has continually embarked on sensitization to different schools to educate the students and pupils on the need to carry out safe environmentally friendly practices. There have also been recorded successes on different projects being carried out at schools such as tree planting, recycling plastic waste and making crafts using non-combustible waste.

## SOCIAL GROUPS

Social groups form a major part of socialization and acculturation therefore Finima Nature makes periodic visits to social clubs to create awareness of environmental sustainability



## DO YOU KNOW:

Social groups form a major part of socialization and acculturation therefore Finima Nature makes periodic visits to social clubs to create awareness of environmental sustainability



## *Church Visits*

In the last quarter, 61 schools were visited by Finima Nature Park. FNP has continually embarked on sensitization to different schools to educate the students and pupils on the need to carry out safe environmentally friendly practices. There have also been recorded successes on different projects being carried out at schools such as tree planting, recycling plastic waste and making crafts using non-combustible waste.

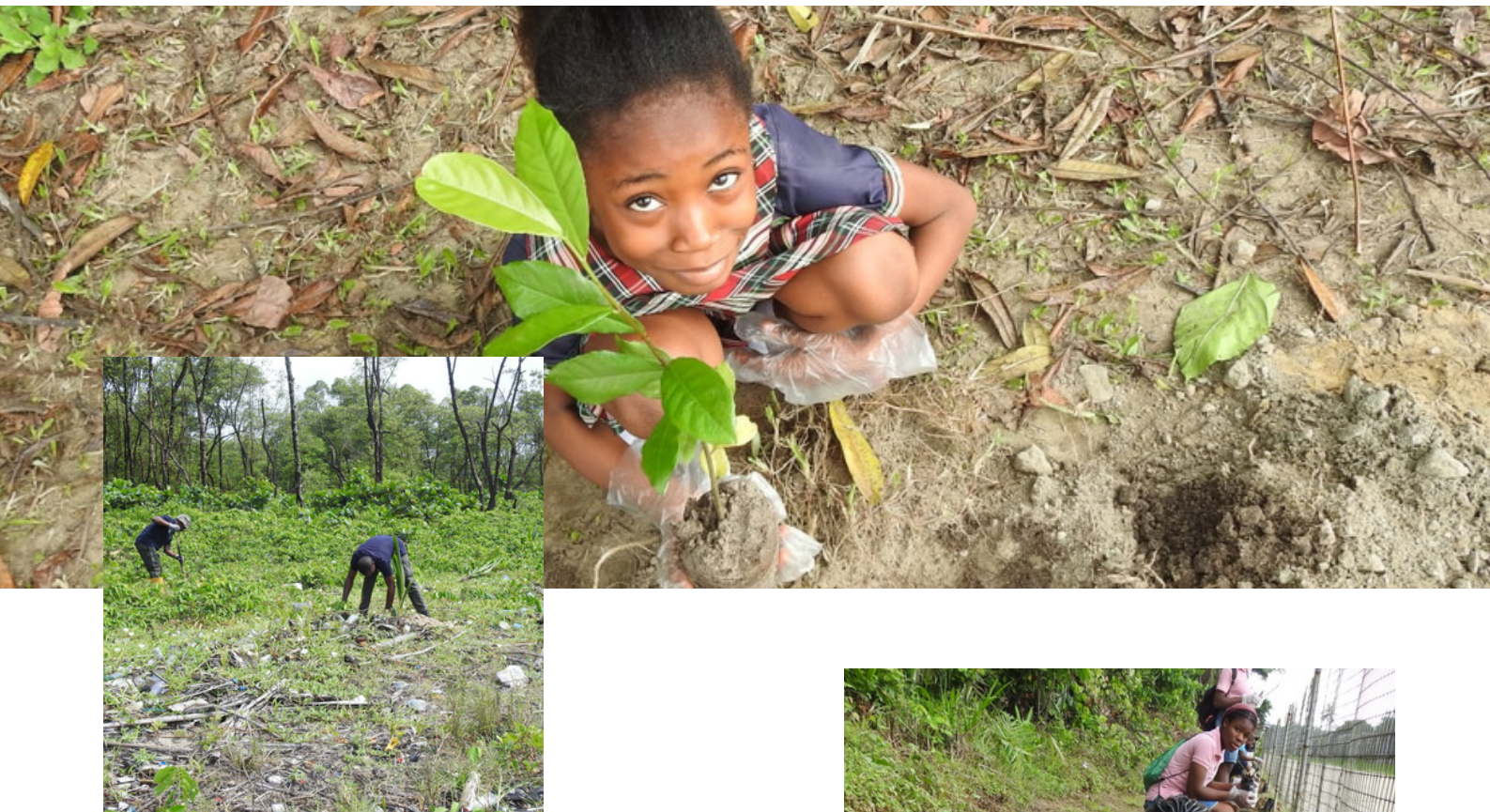


## **Social Group Visits**

Delivering newsletters through email is one of the best ways to build a strong relationship with your members and customers. Give them exclusive access to your latest collections. Social groups form a very important part of socialization. Finima Nature Park makes regular visits to various social groups in Bonny and Finima Communities. In the last quarter, 9 social groups have been visited.



# REFORESTATION EFFORTS



## Reforestation

Anti-poaching patrols around the perimeter of the park were carried out regularly this quarter to wade off any poaching activities. No poachers or loggers were seen during the patrols. To increase the survival rate of the coconuts planted at the seacoast, the officers continued to use bamboo to protect them. However, due to the dry season, some trees that were planted didn't survive.





## World Soil Day

World soil day is an event commemorated on the 5th of December every year to celebrate the importance of soil and soil organisms. Here at Finima Nature Park, the event was attended by 10 schools and Members of the National Youth Service Corp. Some activities such as tree planting of about 264 and gardening were carried out to celebrate the importance of the soil.



*"To forget how to dig the earth and to tend the soil is to forget ourselves."*





# BIRD EXPEDITION



FINIMA NATURE PARK



## BIRD EXPEDITION

Birds have a very important role to perform our ecosystem such as pollination. In the last quarter over 500 bird species have been discovered at Finima Nature Park.



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# Christmas/New Year Celebrations

By Prince

In the spirit of the Yuletide and New Year celebrations, there were over 4000 visits to the park by visitors from different places. Individuals, families, and friends visited the Park during this season to enjoy the ambiance and warmth of Nature.

## WHAT'S IN THIS QUARTER'S ISSUE:

- World Soil Day 2022
- Christmas celebration



picture from world Christmas celebration



Finima nature park resource center at night during the festive periods



Finima nature park resource center at night during the festive periods



# ENVIRONMENTAL FACTS



## DYK

Around 27,000 trees are cut down each day

## DYK

Written by kogbo

Humans use only 1% of all available water



Visitors from NNPC

FOR MORE VISIT: [www.finimanaturepark.com](http://www.finimanaturepark.com)



# ENVIRONMENTAL FACTS

## DYK

78% of marine mammals are at risk of choking on plastic



## DYK

Fungi play a highly vital role in the environment

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Ants weigh more than humans



pictures from world wetlands day 2022  
commemoration

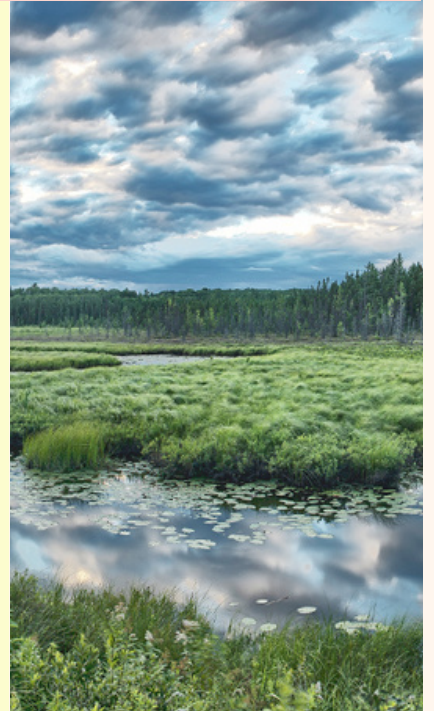
FOR MORE VISIT: [www.finimanature.com](http://www.finimanature.com)



# DO YOU KNOW?

## DYK

On average, one supermarket goes through 60 million paper bags each year



## DYK

A glass bottle can take up to 1 million years to decompose

## DYK

Recycling one glass bottle saves enough energy to power a normal light bulb for about four hours



Paper from trees can be recycled 6 times.

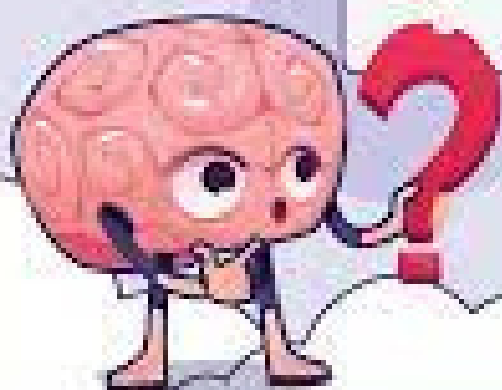


DECEMBER 2022

# BRAIN TEASER

FINPARK NEWSLETTER

## Top Brain Teasers to Test Your Intelligence



L	W	E	R	E	N	E	R	G	Q	D	E	S	F	G	H	I	K	L	Q
A	B	L	I	F	S	A	D	P	E	N	E	R	G	Y	B	Z	D	J	O
Y	X	A	Q	U	I	F	E	R	I	O	W	O	R	L	I	G	J	A	Z
E	G	K	H	Q	W	R	F	L	X	C	M	Y	V	W	O	R	L	D	O
L	F	G	U	I	K	C	O	A	W	L	O	N	G	L	P	I	Y	A	N
A	Q	E	N	A	T	U	R	E	Z	C	N	A	U	R	E	D	G	T	Y
Y	Q	R	T	Y	I	P	E	B	F	E	L	T	L	T	D	H	H	M	O
E		U	A	V	D	F	S	O	I	L	T	U	G	J	K	D	A	O	Z
R	O	J	I	S	D	F	T	I	X	N	B	R	L	K	F	A	T	S	O
J	D	E	R	Y	I	L	A	K	H	E	C	O	L	O	G	Y	O	P	N
C	C	O	M	P	O	S	T	L	M	B	C	X	K		B	U	C	H	E
P	D	E	M	I	S	S	I	O	N	A	T	U	F	T	U	K	G	E	B
M	X	C	R	V	B	D	O		C	L	I	M	A	T	E	U	H	R	G
Q	C	L	I	M	E	B	N	T	M	I	G	R	A	T	O	R	Y	E	G

## BRAIN TEASER

BY YUSUF BELLO

PUZZLE

Solve the puzzle

### key

AQUIFIER | CLIMATE | COAL |  
COMPOST | DEFORESTATION | NATURE  
| ECOLOGY | EMISSION | ENERGY | SOIL |  
DAY | MIGRATORY | ATMOSPHERE |  
WORLD | OZONE | LAYER



# UP NEXT

FINPARK NEWSLETTER

- World Wetlands Day
- Green Scholar Contest
- Bird watch
- Reforestation
- Outreach Activities
- Reforestation

2nd December

March

Last Saturdays Monthly

Continuous

1st Saturday of every month

Continuous

## SOCIAL PAGE STATS

Daily Views - 314+

Monthly Views - 1.5k+

Unique Views - 6.2k+

## STATISTICS



5.6k+



2.6k+



3.9k+

