



# Atla and Tico's newsletter 5th Edition

Fauna and flora



Educación  
para la  
Gente



GOBERNACIÓN DEL  
ATLÁNTICO

# 2022

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# Atla and Tico's adventures

**Hello Atla! I am amazed at the beauty of the Magdalena River.**

**Hello Tico! Yes, It's very beautiful! Did you know it is the largest river system of the northern Andes?**

**It sounds fascinating. I guess it has more interesting things to discover. Can you help me explore?**

**Of course, Tico! But I want to learn about an important river in your city, too.**

# Atla and Tico's adventures

Alright Atla, let me think... Mm, Let's explore St. Johns River which is very important for us in Florida.

That sounds great. I can't wait to learn about it. Let's start with the Magdalena river!

# Magdalena River

The river is crucial for the environmental, social and economic part of the country.



According to nature.org, "It also provides drinking water for 38 million people, and It produces 70% of the country's hydroelectric energy and 86% of the nation's GDP."

Retrieved from: <https://www.nature.org/en-us/about-us/where-we-work/latin-america/colombia/stories>

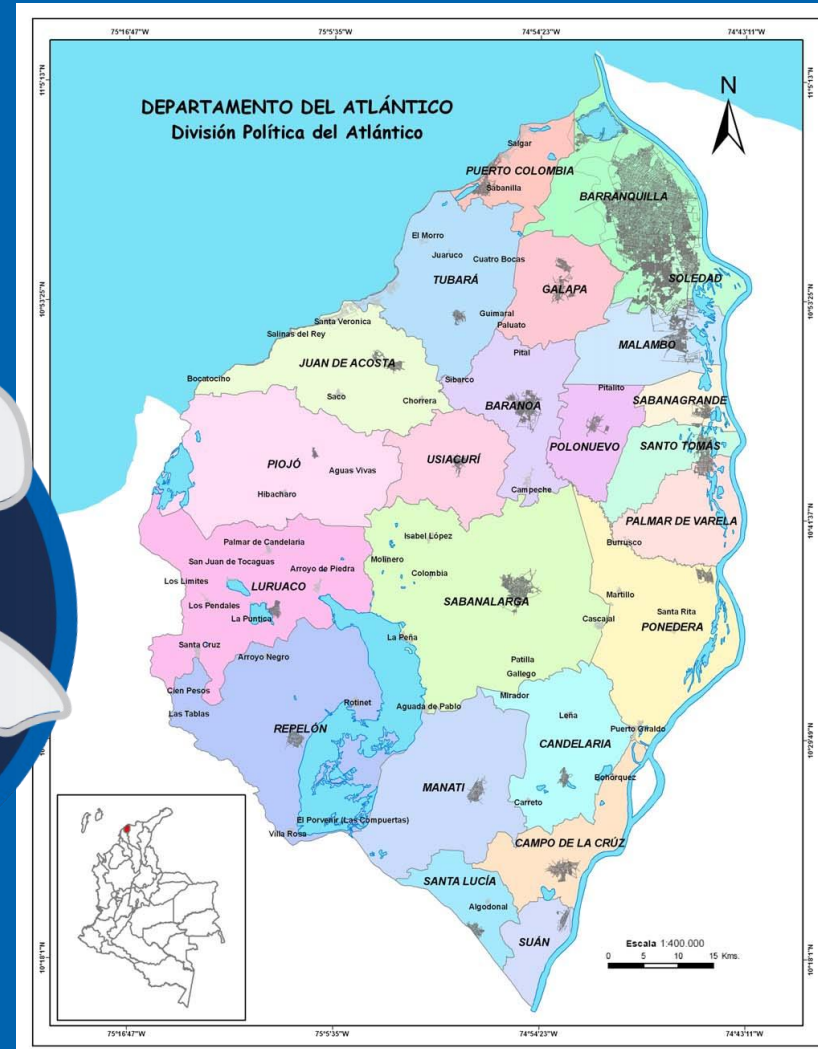
Estas siglas en inglés "GDP" traducen en español Producto Interno Bruto (PIB), el cuál es un indicador económico que mide la riqueza que genera un país. ¡Wow que importante es el rio para sostener nuestra economía!



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# Cities and towns along the Magdalena River

In Atlántico, the Magdalena river flows north through:

- ✓ Suan
- ✓ Campo de la cruz
- ✓ Candelaria
- ✓ Ponedera
- ✓ Palmar de Varela
- ✓ Santo Tomás
- ✓ Sabanagrande

Until it reaches the Caribbean Sea at the city of Barranquilla.

# Animals in Magdalena River

There is an abundance of animal species in the Magdalena river because it crosses different ecosystems. For example:



Green iguana



Painted parakeet



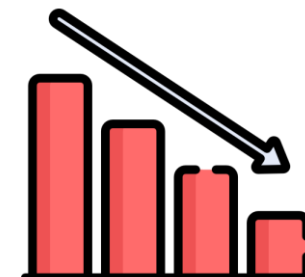
Red-footed tortoise



Spectacled caiman



Fish



Brown pelican

213 fish species were known. But between 1975 and 2008, it has been a drastic decrease of about 90% in the harvest from every year (IAvH,2011). The main cause of this problem is **pollution**.

Pollution is terrible because it is one of the causes of floods, it affects the level of the river. We have seen that the south of Atlántico department has been at risk by floods before. That is why we share here some recommendations to be better prepared.

# Flood safety tips



## Before

- ✓ Have an emergency response plan.
- ✓ Identify the safe and high-risk areas in your community.
- ✓ Establish an emergency alert system with your neighbors.
- ✓ Build an emergency kit for your family with flashlights, a battery-powered radio, extra batteries, containers with drinking water, perishable food, cash, clothing, medications, first aid supplies and important documents in a plastic bag.
- ✓ Discuss flood plans with your family and decide where you will meet if separated.



Retrieved from:

1. Defensa Civil Colombiana
2. CDC.gov
3. [susquehannafloodforecasting.org](http://susquehannafloodforecasting.org)



# Flood safety tips

## During

- ✓ Keep calm and follow the instructions from the authorities.
- ✓ Listen to your local radio or television for information.
- ✓ Gather emergency supplies, including non-perishable food and water. Store at least 1 gallon of water per day for each person and each pet.
- ✓ If evacuation appears necessary, turn off all utilities at the main power switch and close the main gas valve.
- ✓ Find a temporary shelter if your house is in danger.



Retrieved and adapted from: 1. Defensa Civil Colombiana 2. CDC.gov 3. [susquehannaforecasting.org](https://susquehannaforecasting.org)



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# Flood safety tips

## After

- ✓ Do not drink flood water, or use it to wash dishes, brush teeth, or prepare food. Drink clean, safe water.
- ✓ If you evacuated, return to your home only after local authorities have said it is safe to do so.
- ✓ If your home was flooded, clean walls, floors, and other household surfaces with soap, bleach and water to disinfect them.
- ✓ Keep distance from cables on the floor.



Retrieved from: 1. Defensa Civil Colombiana 2. CDC.gov 3. [susquehanna flood forecasting.org](http://susquehanna flood forecasting.org)



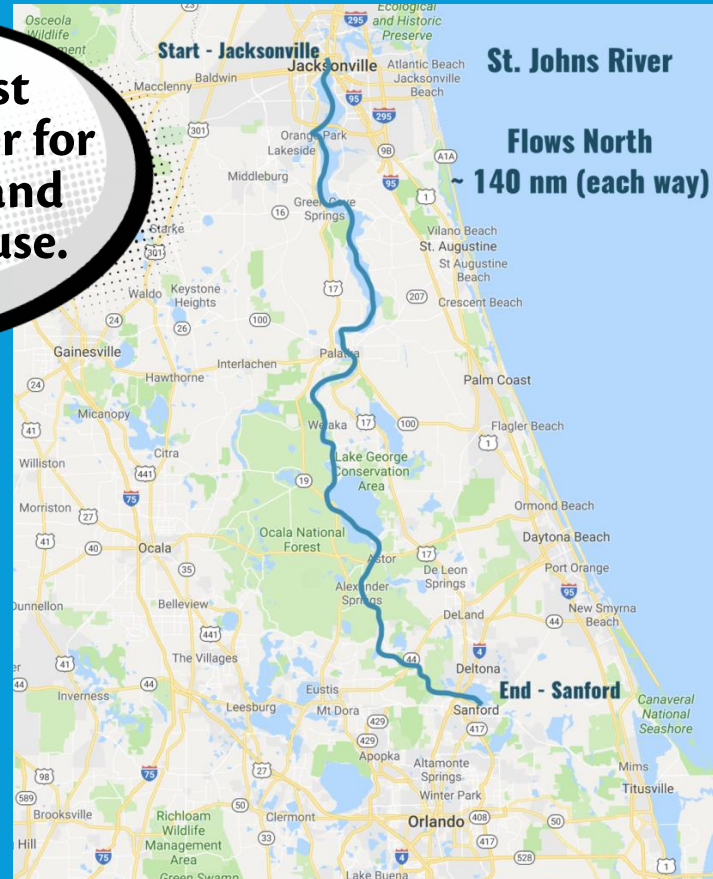
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# St. Johns River

It is the most  
significant river for  
commercial and  
recreational use.



Retrieved from: Tecnomadia.com

It is the passageway to the Atlantic Ocean. That is why, it has:

- ✓ cargo terminals
- ✓ commercial ship repair facilities
- ✓ navigational support facilities

Retrieved from: <https://www.coj.net/about-jacksonville/st-johns-river.aspx>

It is a famous place for outdoor activities like: boating, fishing, bird and wildlife viewing. It receives tourists from all over the world.

Retrieved from: <https://www.coj.net/about-jacksonville/st-johns-river.aspx>

We can find a variety of animal species in the upper and middle St. Johns river basins.

# Animals in St. Johns River

Retrieved from: alchetron.com

There are many invertebrate animals which are the foundation for food webs. For example:



Apple snail



crayfish



grass shrimp



frog

It has a lot of vertebrate animals. Most of them are active at night. Some of them are:



alligator



salamander

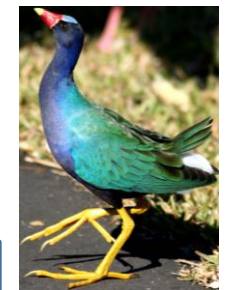
It has numerous species of birds. Some of them need the river's water for raising their babies because they feed from small fish. For example:



white ibis



wood stork



Purple gallinule



# TRIVIA Time!?

Now, that you know more about **Magdalena river** choose the right option to the following question:

Which animal has had a drastic decrease in its annual harvest?  
a) Brown pelican  
b) Spectacled caiman  
c) fish



Now, that you know more about **St. Johns river** in Florida choose the right option to the following question:

**Which of these animals need the river's water to raise its babies?**

- a) White ibis
- b) Green iguana
- c) Apple snail

# TRIVIA Time 2!!?

# Tico's Friends

*Students talk about nature. Watch their videos!*



## Luruaco

Institución Educativa  
Técnica Agropecuaria  
de Luruaco

<https://youtu.be/VzrdvINJHo0t>



## Repelón

Institución Educativa  
Cien Pesos y Las Tablas

<https://youtu.be/oEpMSV1PnDc>



## Juan de Acosta

Institución Educativa  
Fermín Tilano de  
Chorrera

<https://youtu.be/HbHwv1afk3I>



## Sabanalarga

Institución Educativa  
Fernando Hoyos  
Ripoll de Sabanalarga

[https://youtu.be/7hNm7Kb\\_JM4](https://youtu.be/7hNm7Kb_JM4)



# Bilingual Environment Contest

*Students from 8<sup>th</sup> or 9<sup>th</sup> grade and English teachers decorated their schools with labels, signs and Tico's noticeboard.*



<https://youtu.be/NnjozoGZKrc>



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Tico and I are very happy because many schools from Atlántico are participating in this contest!

We invite you to watch the video where you can see the amazing things they have been doing. Scan the QR code or click on the link.



# Tico's Tips



Volunteer for cleanups in your community.



Buy fewer plastic objects and use reusable shopping bags.



When you visit natural places, make sure you leave the place clean.



# Tico's Challenge

## Instructions



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**Next edition, we will  
explore Gastronomy!  
Don't miss it!**

- ✓ Make a creative brochure about your 3 favorite typical food from your town.
- ✓ Mention their ingredients or where you can buy them.
- ✓ Publish the photo of your brochure here:

<https://padlet.com/bilinguismoatl/a0izbu4tbi4dn6pz>

**Deadline: August 10th 2022:**





**See you next  
time, guys!**

**Atlántico,**

**You got this!**

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**NITE, NITE**

Regálanos tu opinión  
:[https://forms.gle/gq8Q  
SXA3kdxrYXao9](https://forms.gle/gq8Q<br/>SXA3kdxrYXao9)



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PROGRAMA DE BILINGÜISMO 2022



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