

POLLUTION BY TAKEAWAYS SHOPS IN PARANÁ: IMPLEMENTATION OF ECOFRIENDLY FOOD CONTAINERS

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What is the problem?

- Pollution by the containers that takeaways or restaurants use to sell their food.

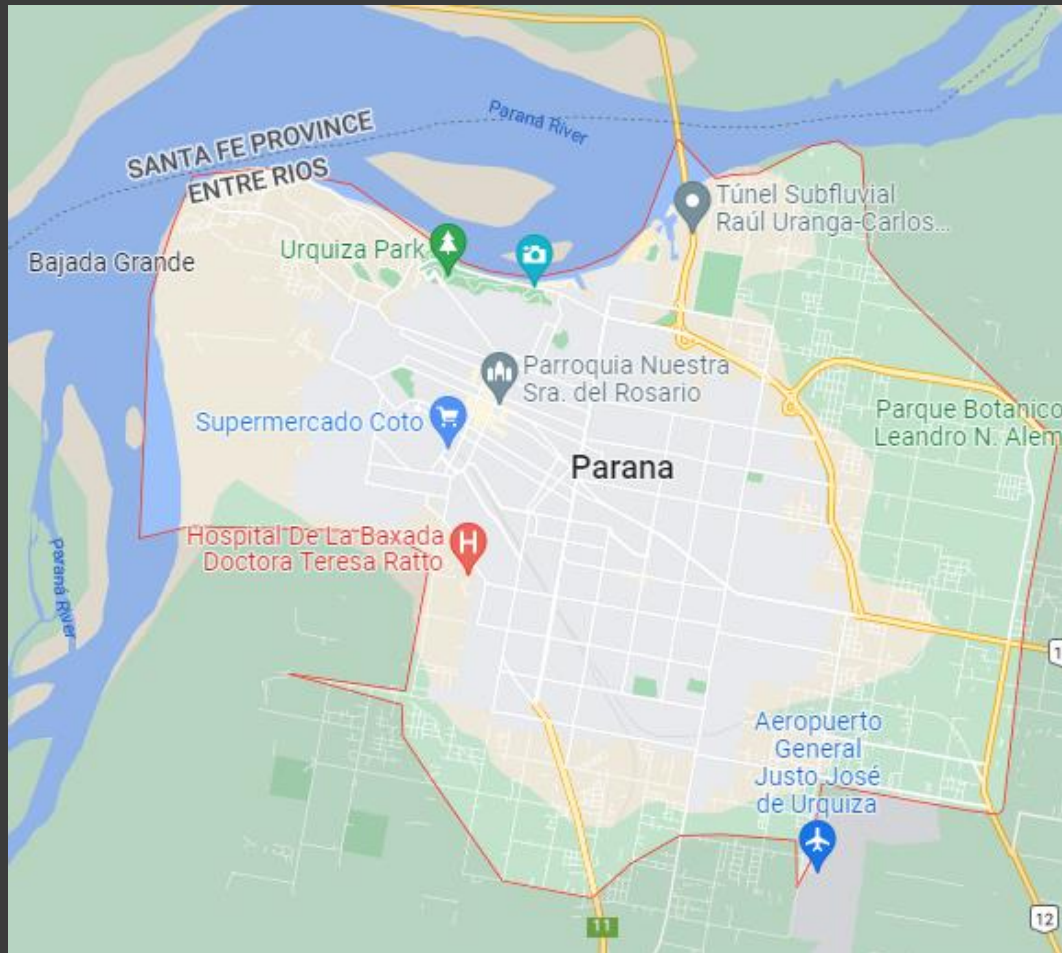


Introduction:

Where is Paraná?

- In the province of Entre Rios, in Argentina.
- In the west of Entre Rios.

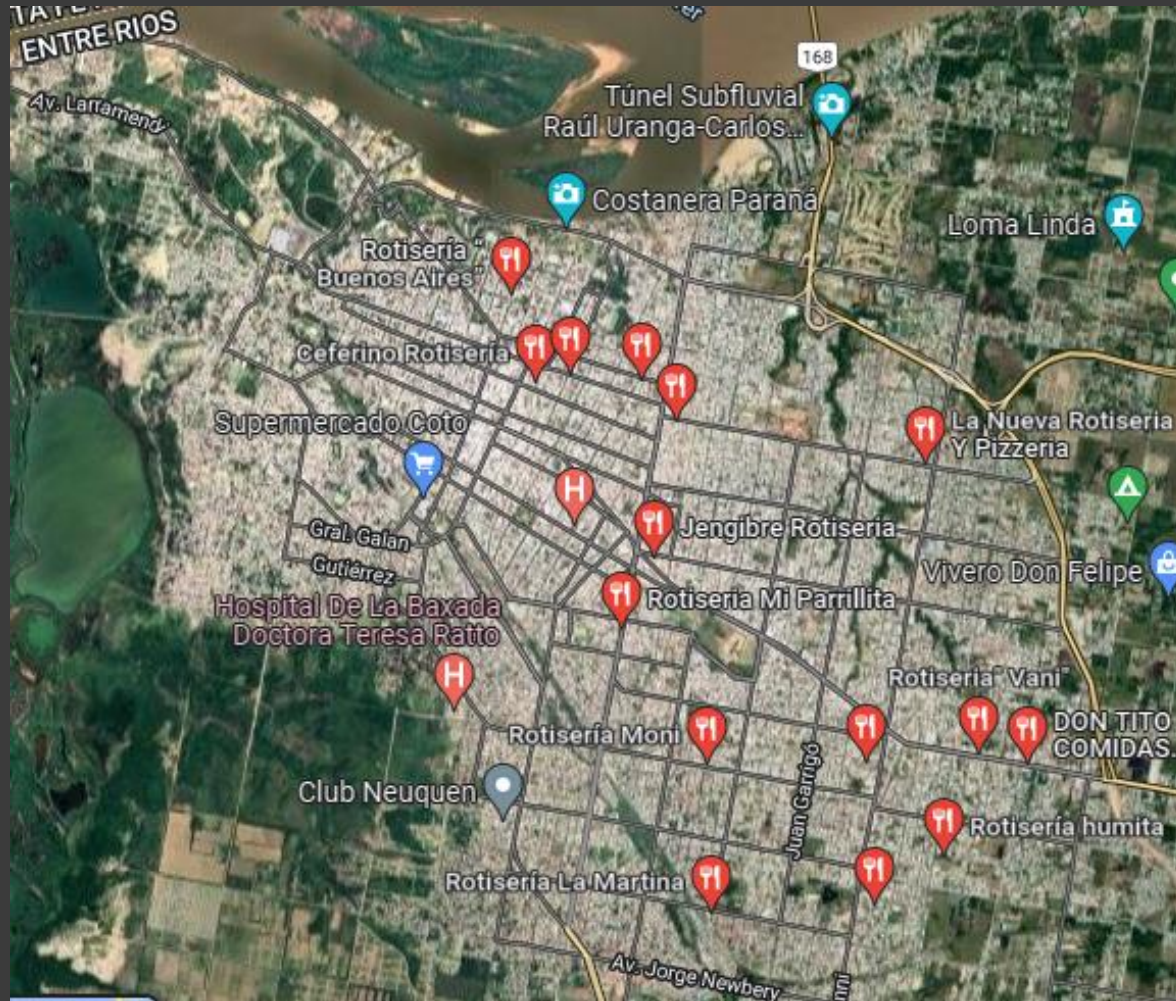
Where is Paraná?



What is Paraná like?

- A big city
- The capital of the province
- Mostly inhabited by students and workers

What is Paraná like?



The problem

- ⦿ Bags or containers are made of plastic, aluminum or cardboard.
- ⦿ People buy fast food without environmental awareness.
- ⦿ The containers are thrown away.

Materials to make the containers

Plastic

Composed of:

- ⦿ various elements such as carbon, hydrogen, oxygen, nitrogen, sulphur and chlorine
- ⦿ silicon atom (silicone) with carbon
- ⦿ raw materials like natural gas, oil or plants

Materials to make the containers

Plastic

- ⦿ Its slow degradation is due to the fact that these materials don't exist in nature.
- ⦿ There aren't naturally organisms, as bacteria, that can break them down effectively or at all.

Materials to make the containers

Aluminium

- ⦿ Aluminum foil is a metal-based material.
- ⦿ Aluminum foil comes from materials like bauxite.

Materials to make the containers

Aluminium

- ⦿ The bauxite extraction process is very contaminating because it generates a lot of waste.
- ⦿ Aluminum has a slow degradation because microorganisms don't need any nutrient from aluminum foil.

Materials to make the containers

Cardboard

- It is made of paper pulp.
- This material is biodegradable but it is usually in contact with food.
- This makes the cardboard dirty, so it cannot be recycled.

Photos describing this problem



Photos describing this problem



Photos describing this problem



The problem

Causes

- It happens because people throw away the packaging.
- The people don't think about recycling the clean packaging that stores give them.
- The people use paper when they want to take their food.

The problem

Consequences

- The use of plastic is also dangerous for the environment.
- Plastic containers can also affect water conditions.
- Those materials can end up in the street, blocking the passage of water through the drains.
- These products cause garbage to accumulate.

The problem

Affects

- ⦿ Nature
- ⦿ Animals
- ⦿ People

The problem

Solution

- Implementation of Ecological Food Containers



The problem

Solution

- Use of personal containers



The problem

Conclusion

- ⦿ Sometimes people don't think about the consequences of small actions like throwing away plastics.
- ⦿ They harm our lifestyle, animal health and nature.

The problem

Conclusion

- ◎ Our solution can reduce some pollution.
- ◎ It has strengths and weaknesses but can help care for the environment.



The end

Thank you very much for your attention.