



## THE STUDY OF TREES AT SCHOOL 1345 IN PUJATO -ARGENTINA- AS A BENEFIT TO THE ENVIRONMENT

Escuela Primaria Particular Incorporada N°1345 “*Nuestra Señora del Carmen*” de Pujato, Santa Fe, Argentina

- MT GLOBE: Mg. Claudia María Romagnoli
- GLOBE Teachers Collaborators:
  - ✓ Lic. Rosalía Poggiani
  - ✓ Prof. Virginia Romagnoli





Presentation of interdisciplinary teaching proposals applied in Primary School 1345 of Pujato - Argentina-. Different trees are studied using GLOBE Biometry protocols and biomass calculation.

Use of tape measure to measure circumference and clinometer or GLOBE OBSERVER App to measure heights Different student groups investigated:

- “Orange tree” in the school orchard (Students of 9 years old – 4th grade)
- “Eucalyptus” located on the railroad site (Students of 10 years old – 5th grade)
- “Cocks pur coral tree” in the square “San Martin” (Students of 11 years old – 6th grade)
- “Characteristics of some trees in the Parks ´ Of the Collectives ´ and ´ Sunchales ´ from Rosario, Argentina” (Students of 12 years old – 7th grade)

Each group develops a school scientific research project

All these projects are coordinated by Professor Claudia Romagnoli





## “Orange tree” in the school orchard



10-year-old students in 4th grade.  
GLOBE Teacher Virginia Romagnoli  
Study site located in the garden "The Hidden Rabanito"  
inside the school





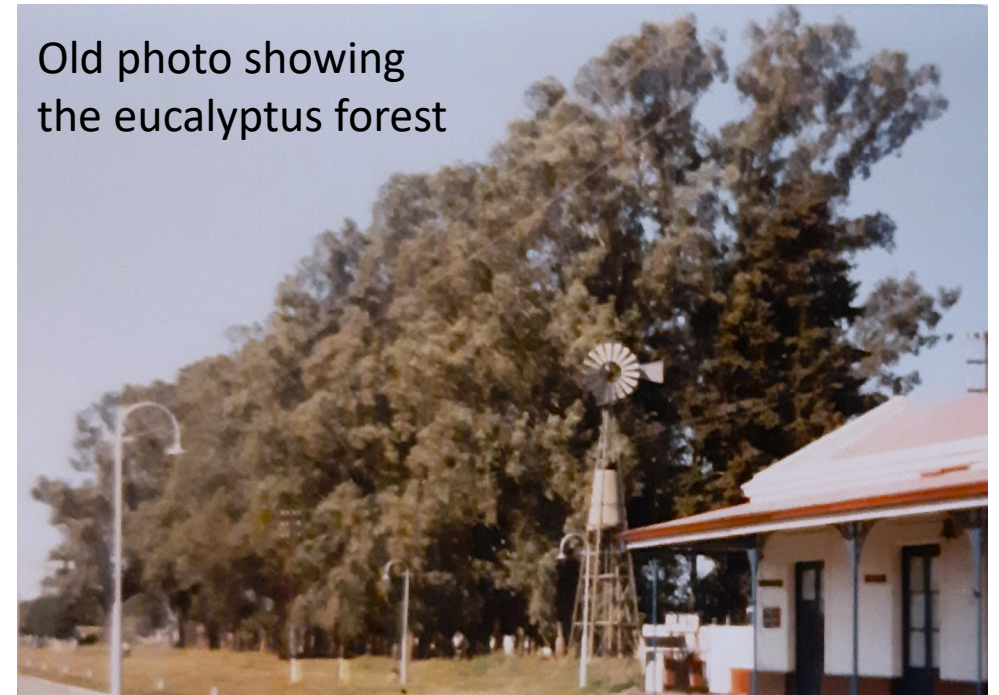


## “Eucalyptus” located on the railroad site

11-year-old students in 5th grade.

GLOBE Teacher Rosalía Poggiani y Virginia Romagnoli  
Study site located in the public space of the Pujato railway. This tree, the eucalyptus, is the tallest in the town of Pujato. In the past there was a eucalyptus forest to which the tree under study belonged.

Old photo showing  
the eucalyptus forest







### “Cocks pur coral tree” in the square “San Martin”

12-year-old students in 6th grade.  
GLOBE Teacher Virginia Romagnoli  
Study site located in public square "San Martín" in Pujato.  
This project participated in the IVSS 2024 “The heartbeat of the ceibo tree discovering its essence”



Song and drawing legend of ceibo



Poems -haikus- about the ceibo





## “Characteristics of some trees in the Parks ‘Of the Collectives’ and ‘Sunchales’ from Rosario, Argentina”

13-year-old students in 7th grade.  
MT GLOBE Claudia Romagnoli  
Another student team identified and described forty species of trees located in the "De las Colectividades" and "Sunchales" Parks in Rosario, Argentina. This project participated in the IVSS 2024



These students created a Guide on “Characteristics of some tree species - Collective Parks and Sunchales of Rosario – Argentina”. Forty native and exotic species were described: <https://youtu.be/OvVM-VgfkGw>



## Final comments

The students described and recorded the characteristics of these trees. They also valued their importance within the environment, considering the Earth as a system.

Trees are allies in the fight against the climate crisis because they absorb and store carbon dioxide, helping to reduce greenhouse gases in the atmosphere.

The study and protection of trees will improve life on the planet and help solve, in part, the climate crisis. In this way, GLOBE's contribution to environmental benefit is amplify.







## Thank you so much

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For more information visit [www.globe.gov](http://www.globe.gov)

